



WILMINGTON INTERNATIONAL AIRPORT (ILM)

1740 AIRPORT BLVD.

WILMINGTON, NC 28405

SPACE: A, B, C - BOARDING LEVEL, ZONE 1

60% SUBMITTAL

- MENU
- EQUIPMENT
- LIGHTING
- FURNITURE
- MISCELLANEOUS



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SPACE: A, B, C - BOARDING LEVEL, ZONE 1

60% SUBMITTAL

- MENU

NOW BREWIN'

Original Blend
Light/Medium Roast
Available in Decaf

Lively • Smooth
Caramel Notes

HOT ONLY
Dunkin' Midnight
Dark Roast

Rich • Intensely Dark
Chocolatey Notes



COFFEE & ESPRESSO

Coffee

Original Blend • Decaf
Upgrade Hot to XL: 2.99 | 5-320
Box O' Joe: 20.49 | 5 CAL Per Cup, 10 Cups

Frozen Coffee

Butter Pecan Crunch
Frozen Coffee

Cold Brew

Cold Brew

with Sweet Cold Foam

Nitro Cold Brew

Signature Latte

Turtle, Caramel Craze, Cocoa Mocha*

Latte

Cappuccino

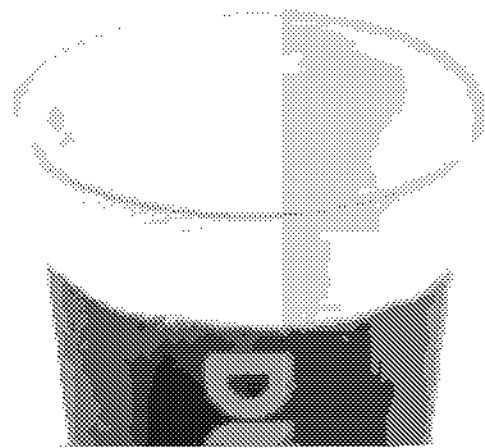
Macchiato

Americano

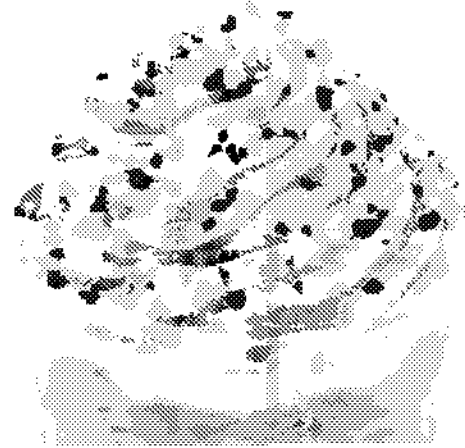
Espresso

S	HOT	ICED	CAL	M	HOT	ICED	CAL	L	HOT	ICED	CAL
	2.19	2.69	5-130		2.49	3.09	5-190		2.79	3.29	5-260
	--	3.89	390		--	4.59	590		--	5.29	780
	--	4.09	680		--	4.79	950		--	5.49	1240
	--	3.39	5-130		--	3.79	5-190		--	3.99	5-260
	--	4.09	80		--	4.49	80		--	4.69	120
	--	3.99	5								
	3.59	3.99	300-320		3.99	4.49	400-440		4.39	4.89	520-570
	3.19	3.69	120		3.69	4.19	170		4.09	4.59	230
	3.19	3.69	80		3.69	4.19	120		4.09	4.59	160
	3.59	3.99	80		3.99	4.49	120		4.39	4.89	160
	2.69	3.19	5		2.99	3.49	10		3.29	3.79	10
	1.39	--	5								

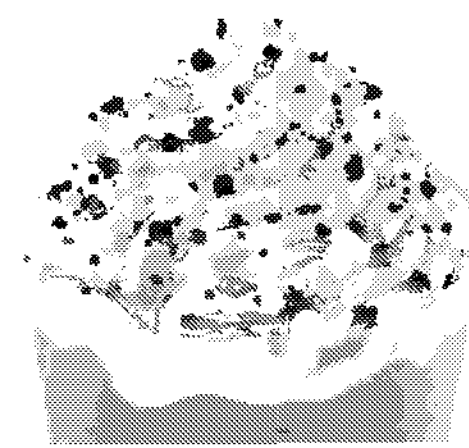
Cold Brew
with Sweet Cold Foam



Butter Pecan Crunch
Frozen Coffee



Turtle Iced
Signature Latte



MAKE IT YOURS

Non-Dairy Substitutes

Coconutmilk .50
Almondmilk .50
Oatmilk .50

Sweetened Flavors

Adds 110-270 CAL

Butter Pecan
French Vanilla
Caramel
Mocha

Unsweetened Flavors

Adds 5-20 CAL

Vanilla Coconut
Hazelnut Blueberry
Toasted Almond Raspberry

Sweet Cold Foam

.70 | Adds 70-120 CAL

Espresso Shot

.99 | Adds 5 CAL

Flavors may be an additional charge

*Made with hot chocolate powder

Before placing your order, please inform your server if someone in your party has a food allergy. Equipment is shared, and any product may contain, or have come into contact with allergens.

**Strawberry
Dragonfruit**

**Raspberry
Watermelon**

**Mango
Pineapple**

**TRY WITH COCONUTMILK,
GREEN TEA OR LEMONADE**

Dunkin' Refreshers are fruit flavored. Contains 0%-1% fruit juice. Price and participation may vary. Limited time offer. Terms apply.



REFRESHING SIPS

S HOT ICED | CAL

M HOT ICED | CAL

L HOT ICED | CAL

Refreshers

Raspberry Watermelon, Mango Pineapple, Strawberry Dragonfruit

With Green Tea -- 3.45 | 80/90

With Coconutmilk -- 3.60 | 110/120

With Lemonade -- 3.45 | 160

Chai Latte 3.99 4.49 | 200

Iced Tea Black, Green -- 2.59 | 5-70

Lemonade -- 2.69 | 120

Whipped Lemonade -- 3.79 | 210

Coolatta® -- 4.19 | 230-390

Strawberry, Vanilla Bean, Blue Raspberry

Bottled Beverages     Water | 0-400 CAL

-- 3.75 | 130

-- 4.10 | 170/180

-- 3.75 | 230 - 240

4.49 5.29 | 290

-- 2.99 | 5-100

-- 3.19 | 180

-- 4.49 | 320

-- 4.99 | 350-590

-- 4.40 | 170/180

-- 4.70 | 230

-- 4.40 | 310 - 320

4.99 5.99 | 390

-- 3.49 | 5-140

-- 3.69 | 240

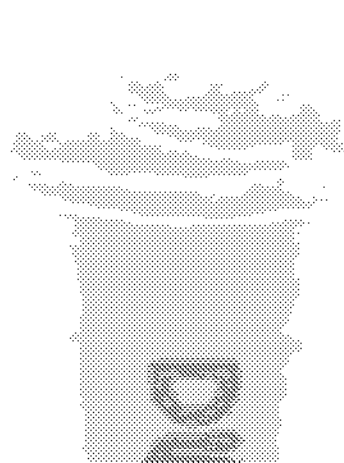
-- 5.19 | 420

-- 5.79 | 460-790

Raspberry Watermelon
Refresher



Pineapple
Coolatta



Tropical Blue
Dunkin' Energy Punch



POWERED BY



Dunkin' Energy Punch

Tropical Blue

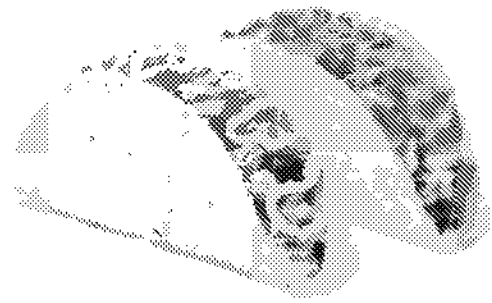
Electric Razz

Piña Colada

PUMPED UP SIPS

ROCKSTAR and the RR Star Design are registered trademarks of PepsiCo, Inc. Not recommended for children, pregnant or nursing women, or people sensitive to caffeine. 160 mg caffeine per 16 fluid oz. Flavors are presweetened and naturally artificially flavored. Price and participation may vary. Limited time offer. Terms apply.

EATS

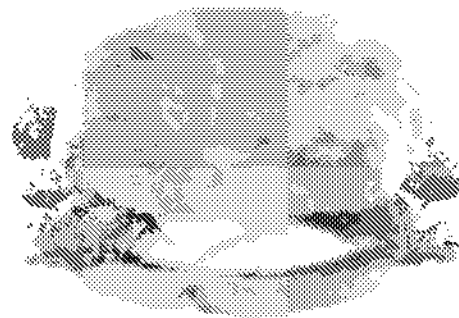


Breakfast Taco

2.59 | 180 CAL

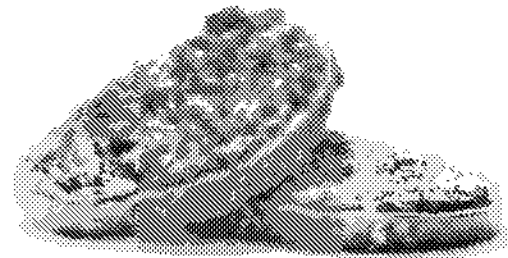
Bacon Topped

2.99 | 220 CAL



Sweet Black Pepper Bacon Sandwich

4.89 | 650 CAL

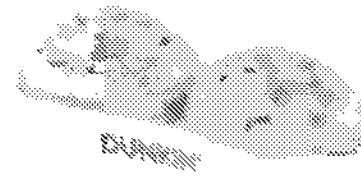


Avocado Toast

3.09 | 240 CAL

Bacon Topped

4.09 | 290 CAL



Omelet Bites

2 Bacon & Cheddar

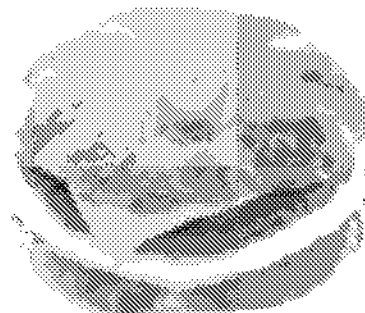
2 Egg White & Veggie

4.69 | 280/180 CAL



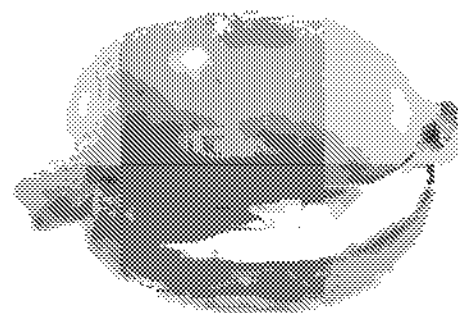
Sourdough Breakfast Sandwich

5.79 | 650 CAL



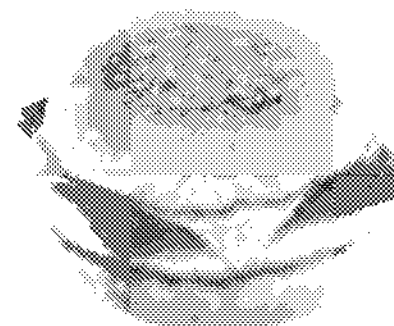
Sausage, Egg & Cheese

4.39 | 720 CAL



Bacon, Egg & Cheese

4.39 | 520 CAL



Turkey Sausage, Egg & Cheese English Muffin

4.39 | 470 CAL

DUNKIN' RUN

Buy a M/L/XL coffee
and add a food item

Excludes upgraded and cold brew beverages. Offer
valid on all Dunkin' Donuts locations. Offer valid on
Sausage, Egg & Cheese breakfast sandwiches only.
Price and availability may vary. Limited time offer.
Excludes all events apply.



Classic Donut



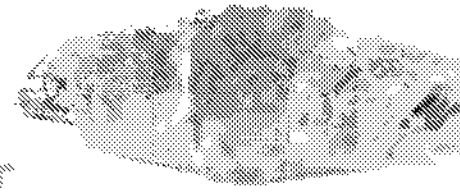
Stuffed Bagel Minis

Everything • Plain



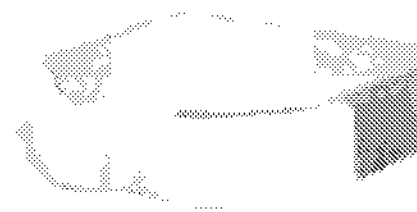
Sausage, Egg & Cheese Sandwich

ALL-DAY BITES



Ham & Swiss Croissant Stuffer

3.49 | 330 CAL



Iced Lemon Leaf

3.29 | 450 CAL



Wake-Up Wrap® Sandwich

Add Your Choice of Protein

2.19 - 2.59 | 180-280 CAL



Stuffed Bagel Minis

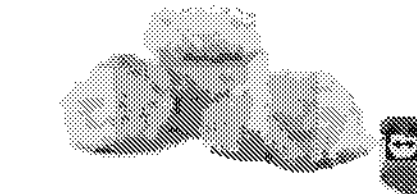
2 Plain • 2 Everything

2.59 | 240/260 CAL



Grilled Cheese

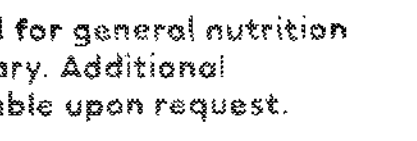
3.79 | 480 CAL



Snackin' Bacon

8 Snack-Sized Strips of
Sweet Black Pepper Bacon

2.99 | 190 CAL

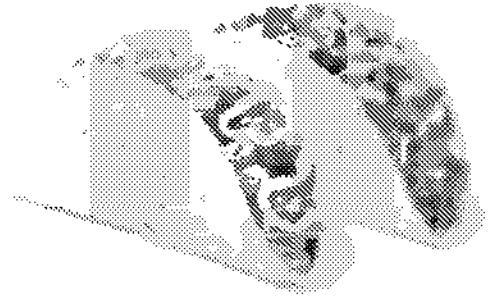


Hash Browns

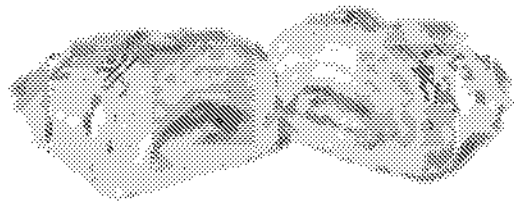
1.39 | 110 CAL

2,000 calories a day is used for general nutrition
advice, but calorie needs vary. Additional
nutrition information available upon request.

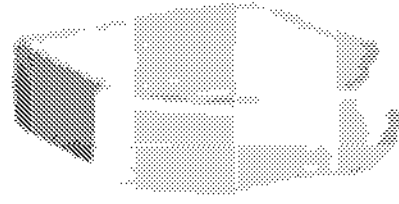
ALL-DAY BITES



Breakfast Taco
2.59 | 180 CAL
Bacon Topped
2.99 | 220 CAL



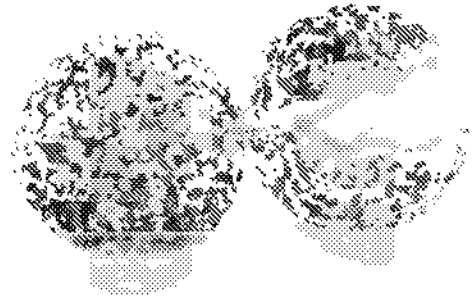
**Ham & Swiss
Croissant Stuffer**
3.49 | 330 CAL



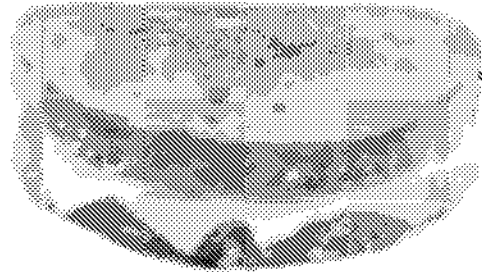
Iced Lemon Loaf
3.29 | 450 CAL



**Wake-Up Wrap[®]
Sandwich**
Add Your Choice of Protein
2.19 - 2.59 | 180-280 CAL



Stuffed Bagel Minis
2 Plain • 2 Everything
2.59 | 240/260 CAL



Grilled Cheese
3.79 | 480 CAL



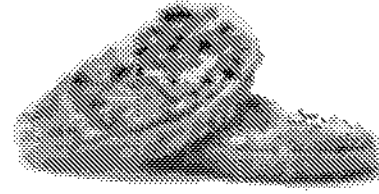
Snackin' Bacon
8 Snack-Sized Strips of
Sweet Black Pepper Bacon
2.99 | 190 CAL



Hash Browns
1.39 | 110 CAL

EATS

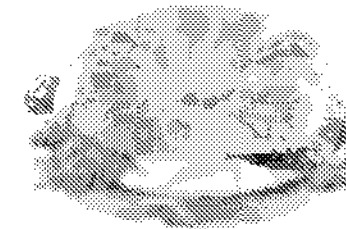
Avocado Toast
3.09 | 240 CAL
Bacon Topped
4.09 | 290 CAL



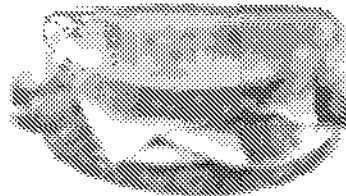
Omelet Bites
2 Bacon & Cheddar
2 Egg White & Veggie
4.69 | 280/180 CAL



**Sweet Black Pepper
Bacon Sandwich**
4.89 | 650 CAL



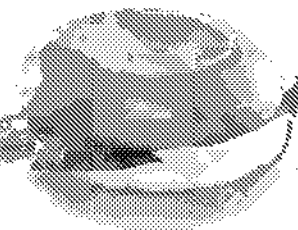
**Sourdough
Breakfast Sandwich**
5.79 | 650 CAL



**Sausage,
Egg & Cheese**
4.39 | 720 CAL



**Bacon,
Egg & Cheese**
4.39 | 520 CAL



**Turkey Sausage,
Egg & Cheese**
4.39 | 470 CAL



DUNKIN' RUN

Buy a M/L/XL coffee
and add a food item

Includes espresso and cold brew beverages. Offer available on 2 of 3 sizes and 1 food item. Offer valid on Sausage, Egg & Cheese, Bacon, Egg & Cheese, Turkey Sausage, Egg & Cheese, Stuffed Bagel Minis, and Classic Donut. Price and availability may vary. Limit one offer per customer. Excludes all other items.



Classic Donut



Stuffed Bagel Minis
Everything • Plain



**Sausage, Egg &
Cheese Sandwich**

2,000 calories a day is used for general nutrition advice, but calorie needs vary. Additional nutrition information available upon request.

WRAPS COMBO \$0.00
Any wrap, chips & 22 oz drink

Original COMBO \$0.00
Any regular Original sandwich, chips & 22 oz drink

Favorite COMBO \$0.00
Any regular Favorite sandwich, chips & 22 oz drink

START HERE

Choose your sandwich size. Regular size sandwiches are available on 8" French, Sliced Wheat or as an Unwich®. Calories are shown for Little John®/Regular/Giant on French bread.

Little John

FRENCH
(Originals Only)

Regular

8" FRENCH

SLICED WHEAT
Originals, #7 & #13 add 60 cal. All others less 60 cal.

UNWICH®
Originals, #7 & #13 less 230 cal. All others less 350 cal.

Giant

16" FRENCH

CHOOSE YOUR SANDWICH

Sandwiches

COME WITH
LETTUCE, TOMATO AND MAYO

WRAPS \$0.00

CHICKEN CAESAR WRAP all-natural chicken*, shaved parmesan, creamy Caesar dressing, mini croutons, ranch seasoning, lettuce, tomato, & Hellmann's® mayo in a garlic & herb wrap 920 cal (as an Unwich® 620 cal)

JALAPEÑO RANCH CHICKEN WRAP all-natural chicken*, provolone, jalapeño ranch, crispy jalapeños, red pepper flakes, onion, lettuce, tomato, & Hellmann's® mayo in a flour wrap 860 cal (as an Unwich® 580 cal)

TUSCAN ITALIAN WRAP salami, capocollo, ham, shaved parmesan, lettuce, onion, tomato, Hellmann's® mayo, oil & vinegar, & oregano-basil in a garlic & herb wrap 880 cal (as an Unwich® 570 cal)

Favorites **REGULAR \$0.00 ★ GIANT \$00.00**

#7 SPICY EAST COAST ITALIAN double salami, double capocollo, provolone, hot peppers, onion, oil & vinegar, & oregano-basil 850/1700 cal

#8 BILLY CLUB® roast beef, ham, provolone & Dijon 810/1620 cal

#9 ITALIAN NIGHT CLUB® salami, capocollo, ham, provolone, onion, oil & vinegar, & oregano-basil 930/1860 cal

#10 HUNTER'S CLUB® double roast beef & provolone 830/1650 cal

#11 COUNTRY CLUB® turkey, ham & provolone 780/1560 cal

#12 BEACH CLUB® turkey, double provolone, avocado spread & cucumber 850/1710 cal

#13 JIMMY CUBANO® bacon, ham, provolone, sliced pickles & Dijon (no lettuce or tomato) 720/1430 cal

#14 BOOTLEGGER CLUB® roast beef & turkey 680/1370 cal

#15 CLUB TUNA® tuna salad, double provolone & cucumber 850/1700 cal

#16 CLUB LULU® turkey & bacon 690/1370 cal

#17 ULTIMATE PORKER® ham & bacon 690/1390 cal

Originals **LITTLE JOHN \$0.00 ★ REGULAR \$0.00 ★ GIANT \$00.00**

#1 THE PEPE® ham & provolone 300/600/1190 cal

#2 BIG JOHN® roast beef 250/500/1000 cal

#3 TOTALLY TUNA® tuna salad & cucumber 250/500/990 cal

#4 TURKEY TOM® turkey 240/480/950 cal

#5 VITO® salami, capocollo, provolone, onion, oil & vinegar, & oregano-basil (no mayo) 290/570/1150 cal

#6 THE VEGGIE double provolone, avocado spread & cucumber 340/670/1340 cal

J.J.B.L.T.® bacon 300/590/1190 cal

MAKE ANY Original A Slim (only meat and/or provolone) **REGULAR \$0.00 ★ GIANT \$0.00**

Crazy hungry? **REGULAR \$0.00 ★ GIANT \$00.00**

THE J.J. GARGANTUAN® salami, capocollo, ham, roast beef, turkey, provolone, onion, oil & vinegar, & oregano-basil 1080/2160 cal

FEED A FEW OR THE WHOLE crew!

VICH CATERING

18 THIRD SANDWICHES

80

CROWD PLEASING ASSORTED PARTY BOXES & INDIVIDUAL BOX LUNCHES

★ WE CATER IT all! ★

MAKE IT YOURS

Added calories for Little John®/Regular or Warp/Giant. Giant add-ons are twice the price.

PROVOLONE \$0.00 60/120/230 cal

SHAVED PARMESAN \$0.00 30/60/110 cal

BACON \$0.00 90/90/180 cal

AVOCADO SPREAD \$0.00 10/25/45 cal

TURKEY \$0.00 30/60/130 cal

ALL-NATURAL CHICKEN \$0.00 60/110/220 cal

HAM \$0.00 35/70/140 cal

SALAMI & CAPOCOLLO \$0.00 80/160/320 cal

ROAST BEEF \$0.00 45/90/180 cal

TUNA SALAD \$0.00 120/240/490 cal

Freebies

HELLMANN'S® MAYO 90/160/330 cal

OIL & VINEGAR 20/40/80 cal

GREY POUPON® 0/5/10 cal

YELLOW MUSTARD 5 cal ea.

JIMMY MUSTARD® 5/10/20 cal

OREGANO-BASIL 0/0/0 cal

SLICED PICKLES 0/0/0 cal

JIMMY PEPPERS® 0/0/5 cal

ONION 0/5/15 cal

CUCUMBER 0/0/0 cal

LETTUCE 0/5/15 cal

TOMATO 0/10/15 cal

CAESAR DRESSING 90/180/360 cal

JALAPEÑO RANCH 50/100/200 cal

MINI CROUTONS 45/90/180 cal

CRISPY JALAPEÑOS 60/110/230 cal

RED PEPPER FLAKES 0/0/0 cal

RANCH SEASONING 0/0/0 cal

FINISH HERE

Drinks

22oz SOFT DRINK \$0.00 0-320 cal

30oz SOFT DRINK \$0.00 0-440 cal

BASANI® WATER \$0.00 0 cal

BOTTLED COKE®, DIET COKE®, SPRITE®, SIMPLY LEMONADE® \$0.00 0-240 cal

MONSTER ENERGY® \$0.00 230 cal

Sides

HOMESTYLE POTATO SALAD \$0.00 220 cal

PESTO BOWTIE PASTA SALAD \$0.00 280 cal

REGULAR CHIPS \$0.00 300 cal

BBQ CHIPS \$0.00 290 cal

JALAPEÑO CHIPS \$0.00 290 cal

SALT & VINEGAR CHIPS \$0.00 290 cal

THINNY CHIPS® \$0.00 260 cal

JIMMY PICKLE® \$0.00 20 cal

KICKIN' RANCH® \$0.00 160 cal ea.

AVOCADO SPREAD \$0.00 70 cal ea.

Desserts

FUDGE CHOCOLATE BROWNIE \$0.00 350 cal

CHOCOLATE CHIP COOKIE \$0.00 410 cal

OATMEAL RAISIN COOKIE \$0.00 370 cal

A 2,000 calorie daily diet is what we use to base our general nutrition advice. However, individual needs may vary. Additional nutrition information available upon request. *All natural chicken is minimally processed and contains no artificial ingredients. Before placing your order, please inform your server if a person in your party has a food allergy. TM & © 2023 Jimmy John's Franchise SPV LLC. All rights reserved. Third party marks are the property of their respective owners. We reserve the right to make any menu or pricing changes. "Sprite", "Coca Cola", "Diet Coke", and "Dasani" are registered trademarks of The Coca-Cola Company. © 2023 The Coca-Cola Company. "Simply" is a registered trademark of The Simply Orange Juice Company. © 2023 Simply Orange Juice Company.



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1740 AIRPORT BLVD.

WILMINGTON, NC 28405

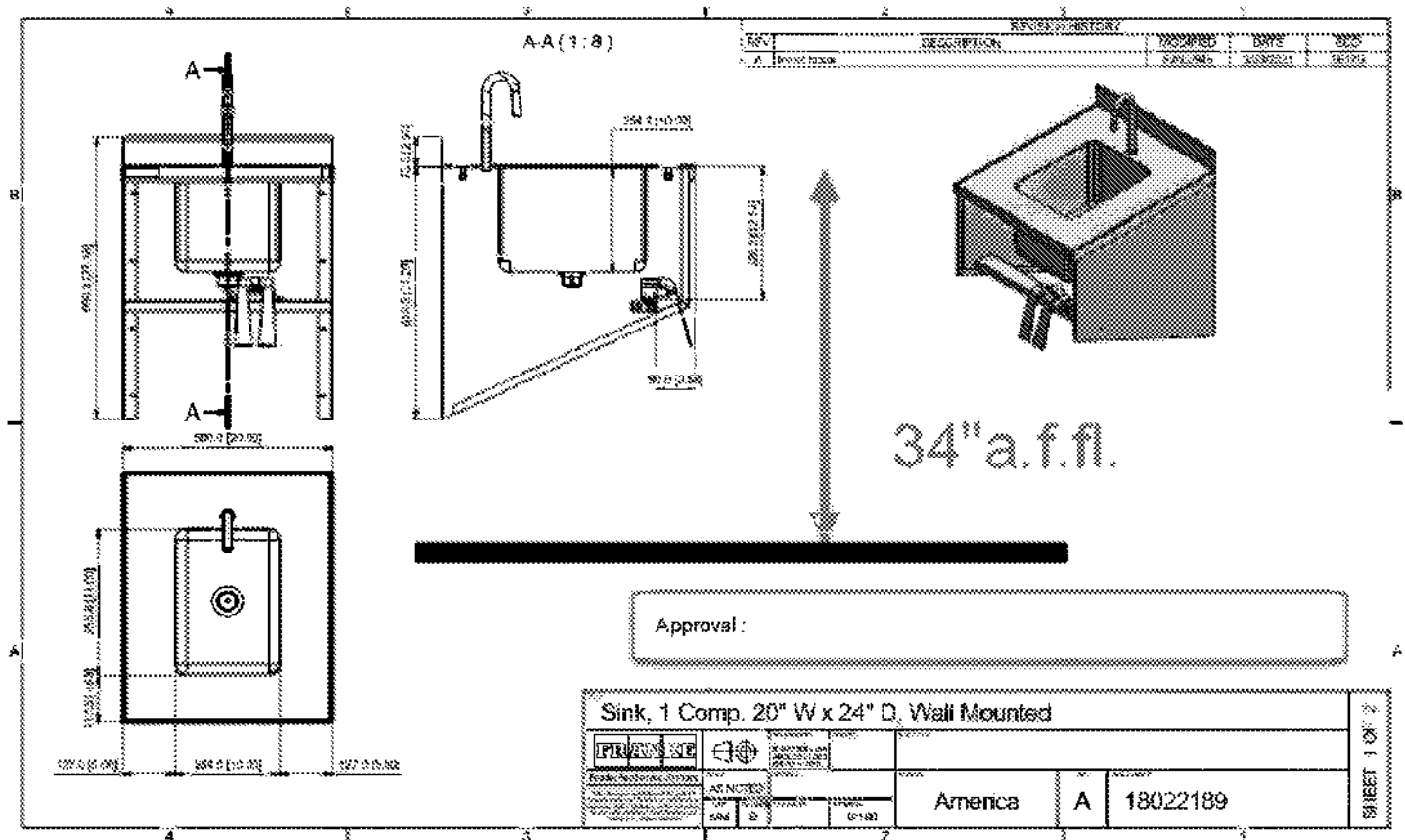
SPACE: A, B, C - BOARDING LEVEL, ZONE 1

60% SUBMITTAL

- **EQUIPMENT**

A-A (1:8)

REVISION HISTORY				
REV	DESCRIPTION	ISSUED	DATE	BY
A	REVISED	2/20/2011	2/20/2011	18022189



Sink, 1 Comp. 20" W x 24" D, Wall Mounted

P18022189

AS NOTED

SHEET 1 OF 2

America

A

18022189

SHEET 1 OF 2

D50B



Waste > Indoor Utility

2955 Wastebasket, Small



Space-efficient and economical.

All-plastic construction won't chip, rust or dent.

Rolled rims add strength, and are easy to clean.

AVAILABLE COLORS

Order #	Color	Product UPC/ UCC Code
FG295500 GRAY	GRAY	086876018523 / 10086876018520
FG295500 BLA	BLA	086876026061 / 10086876026068
FG295500 BEIG	BEIG	086876026030 / 10086876026037
1829412	GR00	00086876216073 / N/A



Gray
GRAY



Beige
BEIG



Black
BLA



Green
GR00

SPECIFICATIONS

	U.S.	Metric
Length:	11 3/8 in	28.9 cm
Width:	8 1/4 in	21.0 cm
Height:	12 1/8 in	30.8 cm
Volume Capacity [Nom]:	13 5/8 qt	12.9 L
Volume Capacity [Max]:		
Volume Capacity [Min]:		
Carton Cube:	1.82 ft3	0.05 m3
Ship Weight/Carton:	15.60 lb	7.08 kg
Pack Quantity:		12
Cartons Per Pallet:		32
Material:	LLDPE	
Process:	Injection Molding	

ADDITIONAL INFORMATION:

Chemical Resistance Guide: chem.pdf

Frequently Asked Questions

Products in Deskside Wastebaskets and Tops

Item #	Description	Length	Width	Height	Volume Capacity
2950-73	Wastebasket Recycling Side Bin	10.6 in	7 1/4 in	11 1/2 in	
2952	Wastebasket, Vanity	9 7/8 in	6 3/4 in	10 1/8 in	8 1/8 qt
2955	Wastebasket, Small	11 3/8 in	8 1/4 in	12 1/8 in	13 5/8 qt
2956	Wastebasket, Medium	14 3/8 in	10 1/4 in	15 in	28 1/8 qt
2957	Wastebasket, Large	15 1/4 in	11 in	19 7/8 in	41 1/4 qt
3071-20	Untouchable® Top/Soft Wastebasket Combo: 3067 Lid/2957 Wastebasket				
3066	Untouchable® Top for 2956 Container	15 in	10 7/8 in	6 in	
3067	Untouchable® Top for 2957 Container	16 in	11 5/8 in	7 in	

Consumables/Replacement Parts for 2955

No.	Fits	Description
5002-88	2952, 2955, 2956	Linear Low Density Can Liners

Work Smarter.

Rubbermaid Commercial Products, LLC
3124 Valley Avenue, Winchester, VA 22601
www.rcpworksmarter.com



D82G

VULCAN INDUSTRIES

Delivering Custom Merchandising Solutions

Vulcan Industries, 300 Display Drive. Moody, AL. 35004, (205) 640-2400

4T x 5W Frontline Bakery Case

Finish: Stainless

Part: 1022648-00

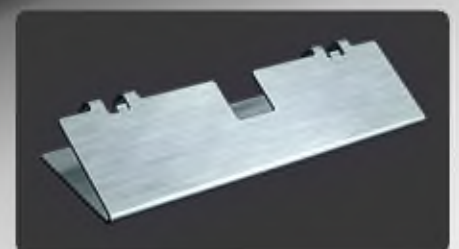


Dimensions:

Height 42.5"

Width 57"

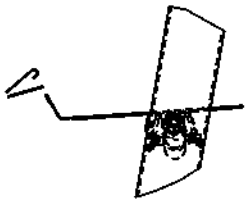
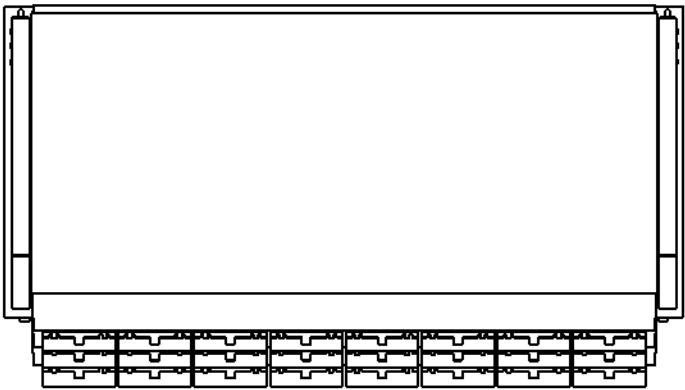
Depth 31"



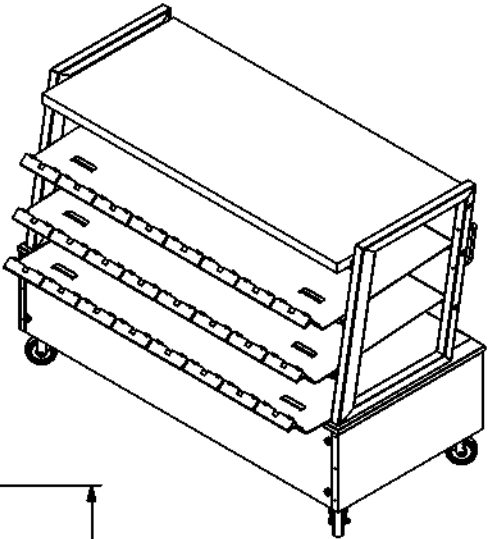
Label Holder Qty 24

THIS DRAWING IS FOR QUOTATION & PROTOTYPE ONLY! SEE ENGINEERING FOR PRODUCTION DRAWING.

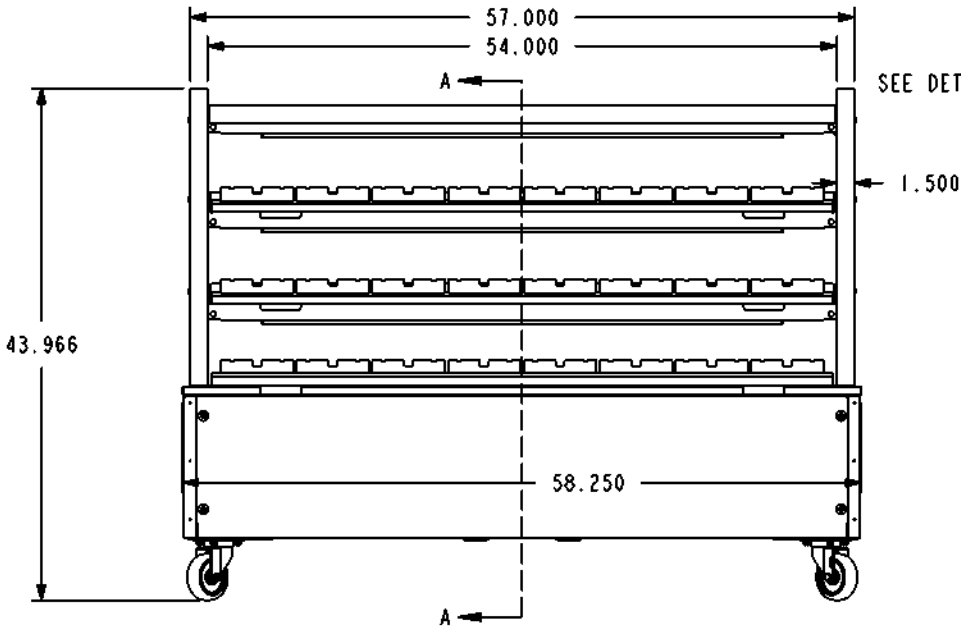
REV	JBC	DESCRIPTION	ENG	DATE
A				



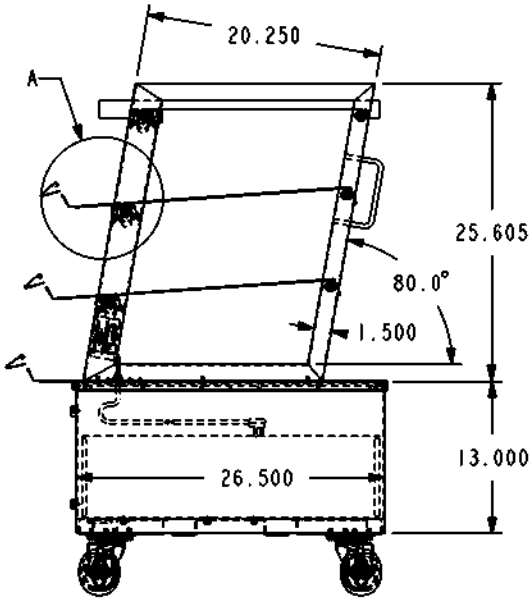
DETAIL A
SCALE 0.188



SCALE 0.063



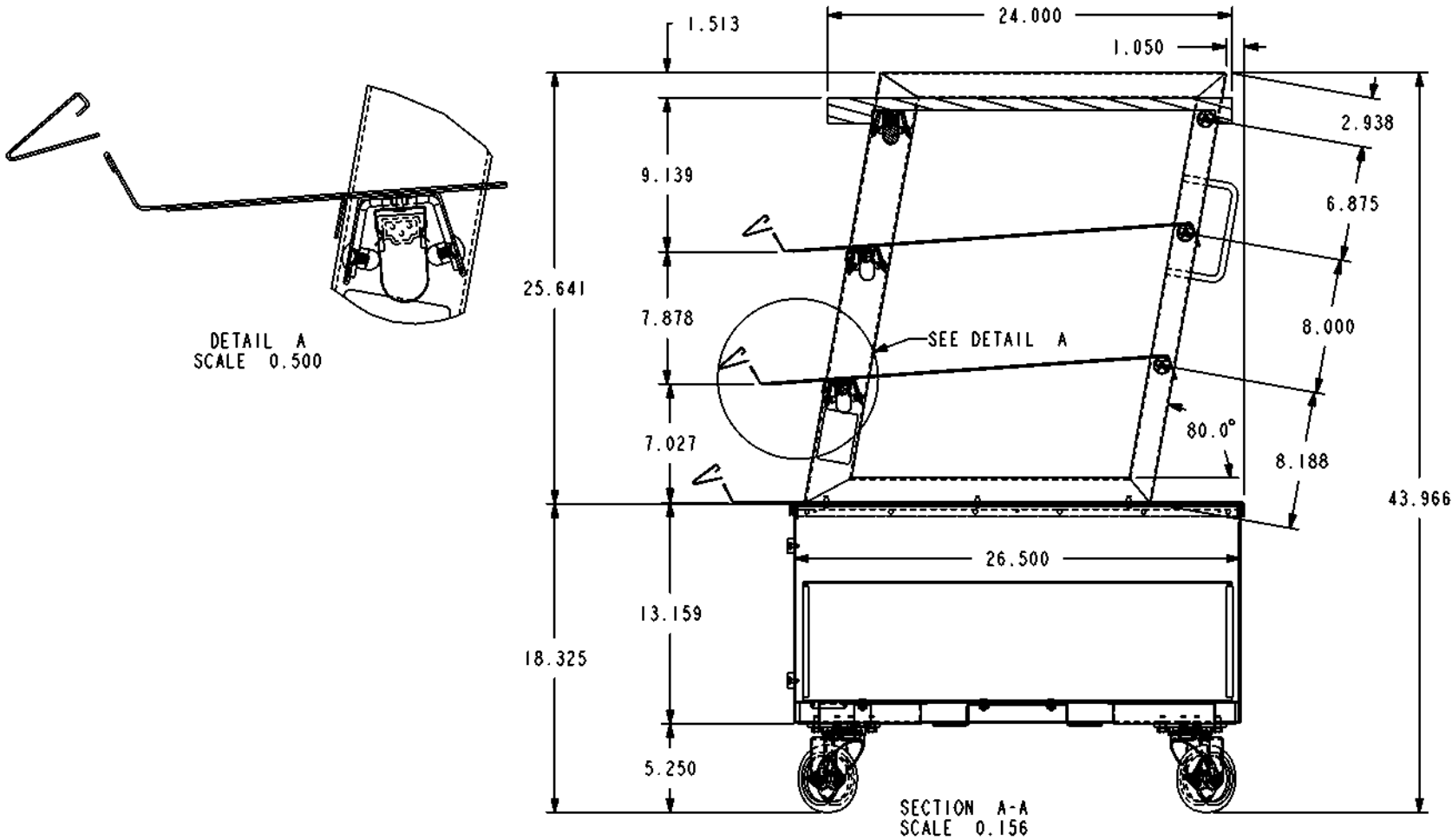
SEE DETAIL A



RAW MATERIAL SPECIFICATION			
SEE COMPONENT DETAILS			
DRAWING SCALE 0.063	METAL	± 0.01 O.A. ± 0.015 O.C.	
	OTHER	± 0.03 O.A. ± 0.031 O.C.	
	METAL	± 1°	
	WIRE	± 1° SINGLE ± 2° 0010	
	TUBE	± 2°	

THIS DRAWING IS FOR QUOTATION & PROTOTYPE ONLY! SEE ENGINEERING FOR PRODUCTION DRAWING.

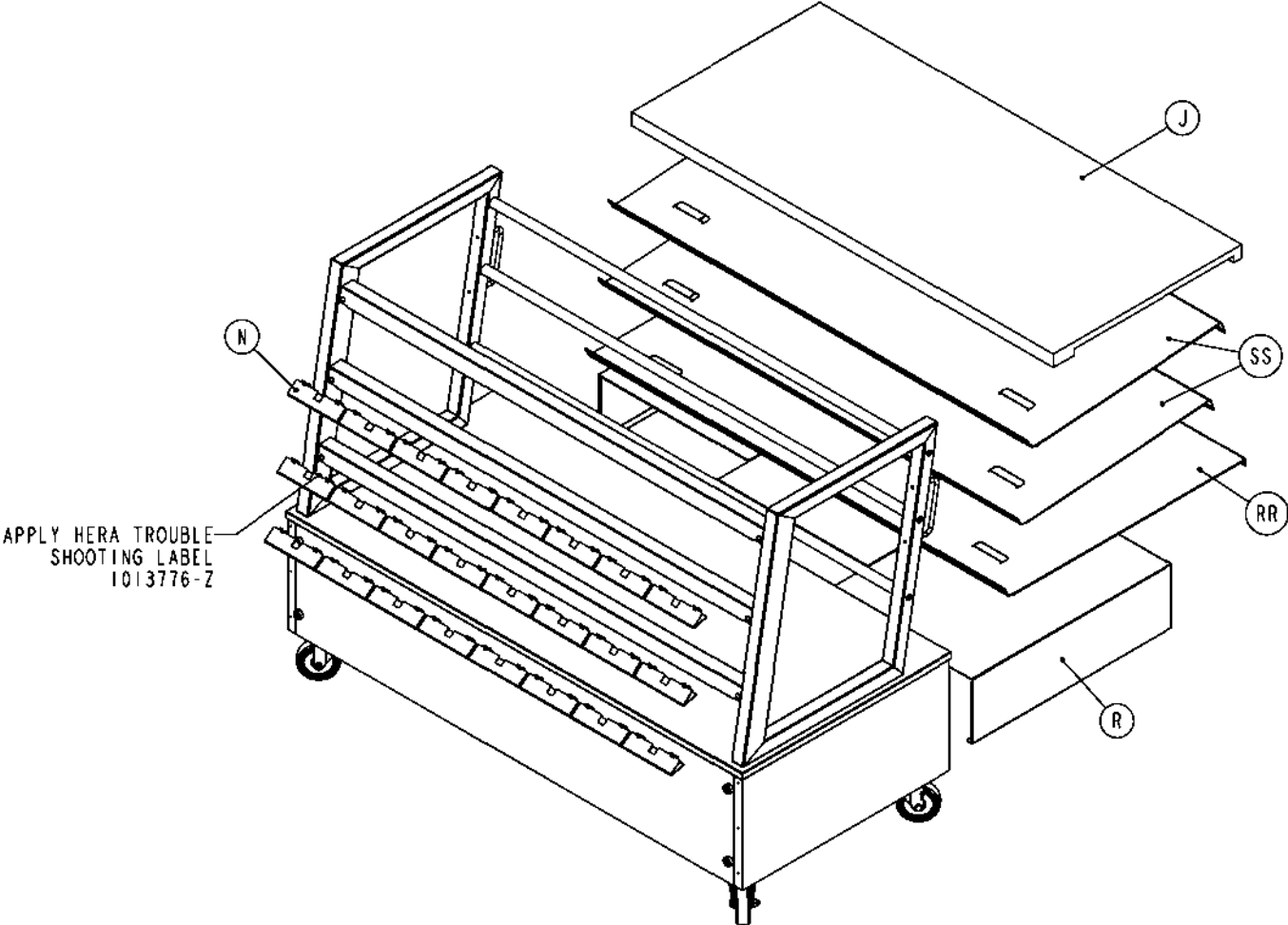
REV	JBC	DESCRIPTION	ENG	DATE
A				



RAW MATERIAL SPECIFICATION			
SEE COMPONENT DETAILS			
DRAWING SCALE 0.094	METAL	± 0.01 O.A. ± 0.015 O.C.	
	OTHER	± 0.03 O.A. ± 0.031 O.C.	
	METAL	± 1°	
	WIRE	± 1° SINGLE ± 2° 0.010	
ANGLES	TUBE	± 2°	

THIS DRAWING IS FOR QUOTATION & PROTOTYPE ONLY! SEE ENGINEERING FOR PRODUCTION DRAWING.

REV	JSC	DESCRIPTION	ENG	DATE
A				



EXPLODED VIEW (TRAYS & LABEL HOLDERS)
SCALE 0.094

RAW MATERIAL SPECIFICATION			
SEE COMPONENT DETAILS			
DRAWING SCALE 1:1000	METAL	± .031 O.A. ± .015 O.C.	
	OTHER	± .063 O.A. ± .031 O.C.	
	METAL	± .015	
	WIRE	± .015 SINGLE ± .015 GRID	
ANGLES	TUBE	± .015	

D96.4

schaerer
swiss coffee competence
www.schaererusa.com

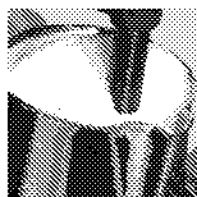
Schaerer Coffee Art Touch

Performance
Meets Design

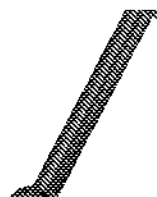


Schaerer Coffee Art Touch

Features and Benefits



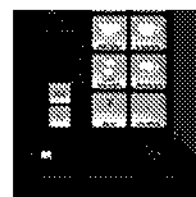
Finesteam
Technology



PEEK Material
Steam Wand



Consistent
Shot Delivery



Touch Screen
User Interface

Operational Advantages

- Steam wand with finesteam air injection and auto shut-off guarantees consistent milk texture and temperature while allowing users the freedom to multitask.
- Revolutionary PEEK steam wand material dramatically lowers the wand's surface temperature. Milk residue easily wipes clean, even later on after steaming. The PEEK steam wand is also much safer to touch right after steaming.
- Simple and intuitive user interface.
- Reminders can be programmed for maintenance activities such as cleaning and water softener changes, increasing operational life and reducing maintenance costs.
- Dual bean hoppers with dedicated grinders for multiple bean types.
- Easy-to-follow animated cleaning instructions.
- Aesthetic design for high visibility concepts.

Capacity

- Steams 32oz of milk in 1 minute.
- 70-80 cappuccinos/lattes per hour (16oz)

Programming Flexibility

- 80 programmable selections.
- Grind, tamp and brew settings are programmable for each espresso selection.
- Two hoppers with dedicated grinders each hold up to 2.2 lbs.
- Temperature and texture settings (cappuccino & latte) are programmable for each steaming selection.
- Technical diagnostics menu for authorized service vendors.

Specifications

- 208V, 30 Amperes
- NEMA L6-30R Receptacle
- 17" (W) x 22" (D) x 28" (H)
- 6kW Steam Boiler
- 3kW Water Boiler

- Performance capacity indicative in nature



ISO 9001

Three Valve Dairy Dispenser

Model SKECD12-V3-1-KE1



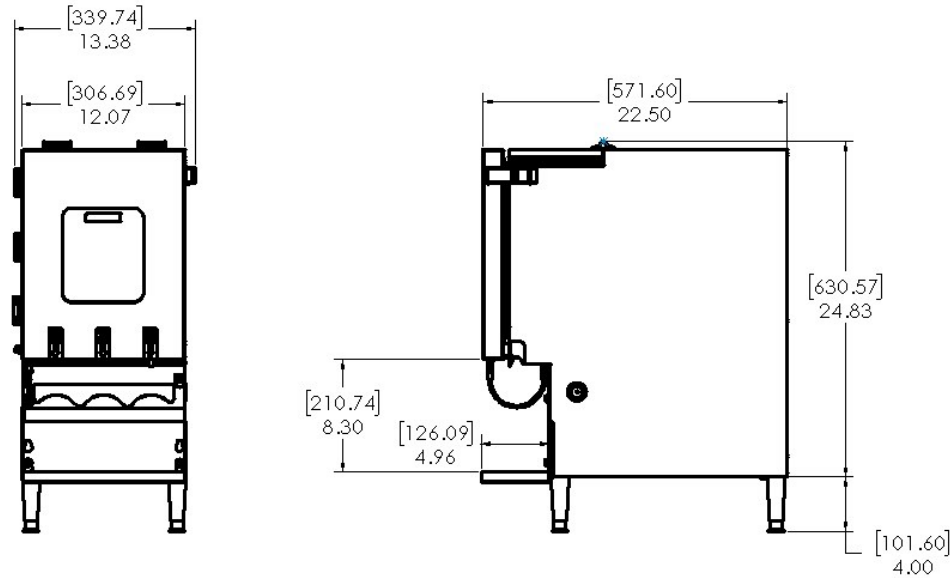
Silver King® is the leader in reliable and energy efficient refrigeration solutions. Our sleek, stainless steel cream dispensers are made with the highest quality materials to guarantee everything is kept fresh and meets temperature standards. Our cream dispensers have polyurethane insulation for maximum strength and durability, and minimal energy waste.

Standard Features

- Exterior stainless steel with galvanized bottom reduces risk of corrosion.
- Interior stainless steel, coved corners and finished edges for easy cleaning.
- Environmentally friendly polyurethane foamed-in-place insulation for maximum strength and durability.
- Standard 8 foot 3 wire power cord NEMA 5-15P plug.
- Door has a removable gasket for ease of cleaning.
- Three valve operation allows for a variety of cream selections each with three pre-portioned shot sizes.
- CFC-free, R290 refrigerant, hermetically sealed, high efficiency, self contained refrigeration system.
- Limited Warranty: 1-year labor, 1-year parts, 5-year compressor (part only), 90-days replacement parts. Warranty is determined by the original equipment manufacturing date for general market.*

Specifications

SKECD12-V3-1-KE1



Dimensions

Model Number	Capacity	Width in (mm)	Height in (mm)	Depth in (mm)	Gross Shipping Weight lb (kg)	Unit Net Weight lb (kg)	Shipping cu ft (cu m)
SKECD12-V3-1-KE1	Three valves and containers						
	Left—1.5 Gallons	13.38	28.83	22.50	105	95	9.57
	Center—2.5 Gallons	(306.69)	(732.17)	(571.60)	(47.63)	(40.82)	(.27)
	Right—1.5 Gallons						

Electrical

Model Number	Country of Origin	Amps	Voltage	Hz	Plug
SKECD12-V3-1-KE1	USA	1.8	120 VAC	60 Hz	1 Ph.— NEMA 5-15P

Certifications



SureShot[®] multi-sweetener

D101L

AC2-GP PORTION CONTROLLED SUGAR AND SWEETENER DISPENSER

The two product SureShot Multi-Sweetener (AC2-GP) delivers accurate portions of sugar and sweetener so your customers can enjoy guaranteed taste consistency, convenience and faster service.

What's in it for you? Increased sales, cost savings and enhanced brand loyalty for your beverage program.

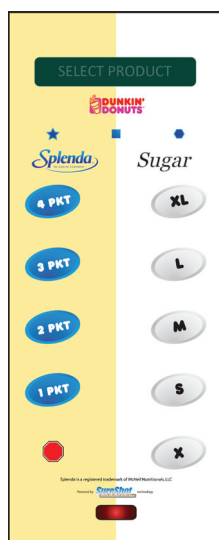
Contact your DCP today to learn more about the *SureShot Multi-Sweetener* and how it can help your business!



Product Hoppers



Customized control panel to suit your business.



AC2-GP FEATURES AND BENEFITS

- Slim 4" wide profile uses minimal counter space.
- Top hopper can be filled in place for quick and easy refills.
- Easy plug and play installation.
- High capacity product hoppers enable cost savings via bulk buying and elimination of individual packets.
- Increases customer throughput to keep lines moving fast.
- Easy to clean and maintain, eliminates product "clumping".
- Infrared programmability facilitates easy menu changes or updates.
- USA and Canada-wide Technical Service Network with SureShot Technical Assistance Center support.

GENERAL SPECIFICATIONS - NORTH AMERICA (MODEL AC2-GP / PART # AC2-GP-5)

Capacity: Bottom Hopper = 1 x 28 oz (equivalent to 810 x 1 gm packets of sweetener by volume)

Top Hopper = 1 x 96 oz (equivalent to 680 x 4 gm packets of granular sugar by volume)

Power Requirements: 120v AC, 0.5 amp, single ph, 60 Hz

Works with 240v AC

Dimensions (LxWxH): 18" x 4" x 25"

Weight: 32 lb (empty)



US LISTED

simply
innovative



A.C. Dispensing Equipment Inc.
100 Dispensing Way
Lower Sackville, NS B4C 4H2
Canada

toll free (US and Canada): 888.777.9990
tel 902.865.9602
fax 902.865.9604

sales@sureshotdispensing.com
www.sureshotdispensing.com



Multi-Hopper Grinder and Storage System

Features

Multi-Hopper Grinder and Storage System

- Convenient, front-loading hoppers allow grinding of a wide variety of coffees
- Hoppers hold up to 6lbs (2.72kg) each of regular, decaf or specialty beans
- Stores individual coffee grind weight profiles
- Portion controlled for the right amount of coffee every time, with 3 batch sizes per hopper
- Precision burrs for consistent, commercial quality grind
- Hoppers serve as storage containers when not in the grinder, locking lid prevents tampering
- Easy-to-clean removable hoppers
- LCD alphanumeric display shows coffee names and diagnostics
- Accommodates large brew funnels

BrewWISE® intelligence means the Smart Hopper® manages the grinding and brewing process from start to finish.

- Smart Hopper tells the grinder what coffee is in it through a microchip in the hopper
- Grinder adjusts the grind time for each batch to deliver just the right grind volumes
- Grinder communicates coffee name to the Smart Funnel during grinding process
- BrewWISE brewer reads the information in the Smart Funnel, adjusts the recipe, and brews a perfect batch of coffee
- Dunkin recipes installed



MHG

(funnel sold separately)
(includes 2 hoppers)

Dimensions: 29.1"H x 9.36"W x 17.5"D
(73.9cm H x 23.8cm W x 44.5cm D)

Related Products

Hopper Partition Assembly

Product No.: 36053.0000

Allows for smaller batches of coffee so beans stay fresh

Burr Replacement Kit

Product No. : 05861.1002



Flavor Label Decal

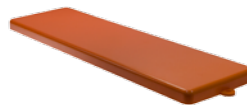
Product No.: 36425.0000

Decaf Flavor Label Decal

Product No.: 41249.0000

Decaf Orange Hopper Lid

Product No.: 35771.0002



Hopper/Lid Assembly

Product No.: 36845.0000

Dimensions:

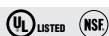
11.75" H x 4.23" W x 15.9" D
29.85cm H x 10.74cm W x 4.39cm D



Model

MHG

Agency Listing

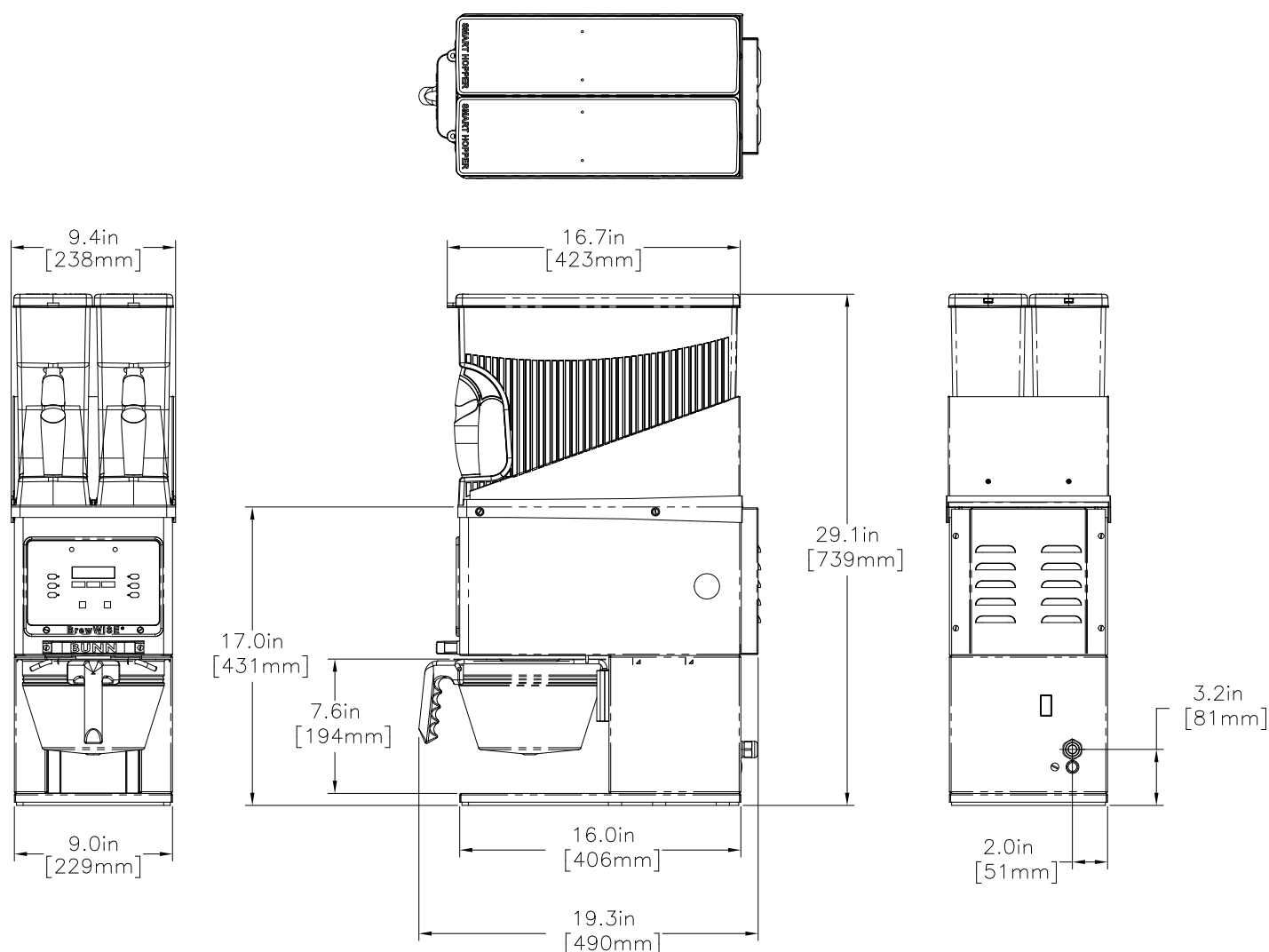


Dimensions & Specifications

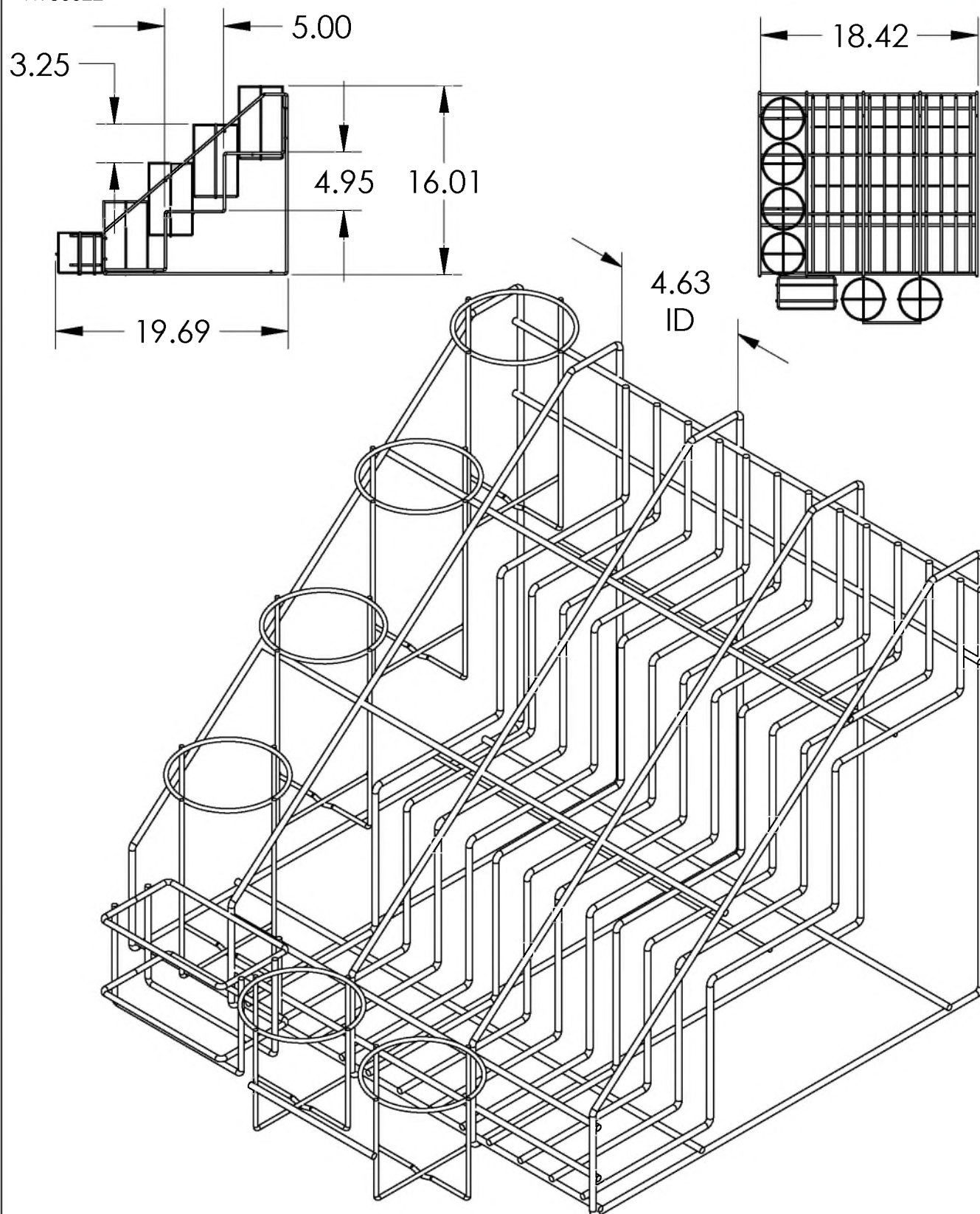
Model	Product #	Volts	Amps	Capacity	Cu. Ft.	Shipping Weight	Cord Attached
MHG (SST)	35600.0041	120	11	6 lbs per hopper	6.5 ft ³	70 lbs.	Yes*

*Power cord (NEMA 5-15P) 15 Amp-120V machine only.

Electrical: 2-wires plus ground service rated 120V, 60Hz, circuit required, ¾ HP motor.

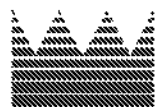


9X6 PUMP STATION
WF35522



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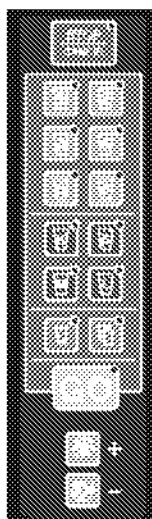



TAYLOR®

SB24



Shown with
standard ice hopper



Shown with 6 recipe
buttons on international
models only

Article No. _____

MagnaBlend®

Frozen Beverage Blending Dispenser

Experience the Revolution

Faster, smarter and better - the quick service blender of tomorrow has arrived. Designed to increase speed of service in every way, MagnaBlend redefines efficiency as we know it.

Speed of Service

Designed to increase speed of service in every way, a stunning 9-second blend time helps to consistently deliver delicious blended frozen beverages throughout all dayparts.

Integrated Design

The integrated shaved ice dispenser removes the need for employees to move back and forth between separate prep areas.

Simply pour, blend and serve.

Simple Operation

User friendly keypad allows for 5 beverage profiles (6 beverage profiles on international offerings) using 4 sizes and up to 2 - 16 oz. (473 ml) drinks per blending cycle.

Ice Hopper

Standard ice bin holds approximately 13 lbs (5.9 kgs) of ice.

Blender Pitchers

BPA-free. Blends up to 2 - 16 oz. (473 ml) drinks at once. The MagnaBlend comes with two blending pitchers to maximize output. The international version (50/60Hz) of the blending pitcher comes with a top hand guard.

Breakthrough Magnetic Technology

Instead of relying on direct-contact gear mechanisms that can wear down, MagnaBlend eliminates friction by utilizing magnetic force. A sealed design locks out damaging moisture.

Customizable Menu

Connect to a laptop to use the recipe software to create signature drinks. Easily share recipes with your entire franchise network.

Liquid Sweetener Port

For added beverage options, easily connect bag-in-box liquid sweetener via the rear quick connect port. Simply select the "No Sugar" button on the keypad to automatically remove the sweetener from the recipe profile. (This feature is not available on international units.)

750 N. Blackhawk Blvd. Rockton, Illinois 61072

800-255-0626

Phone 815-624-8333 Fax 815-624-8000

www.taylor-company.com

info@taylor-company.com

ISO 9001:2015
Registered Firm



Standard 8

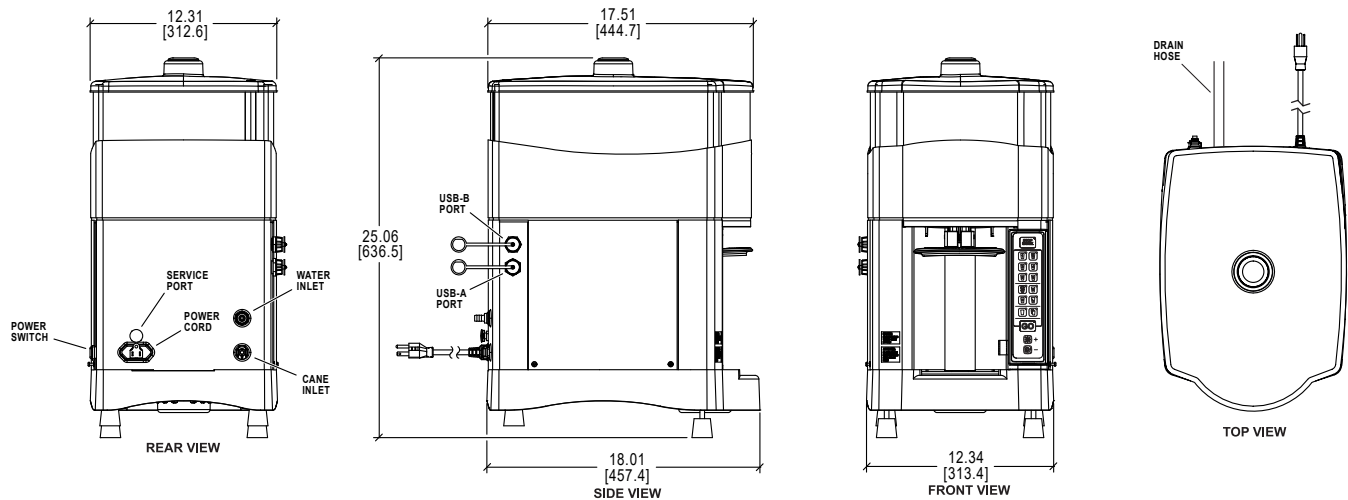


International
Models



Intertek

SB24 Blending Dispenser
Conforms to UL STD 763
Certified to CSA STD C22.2 No.195
International Models
Certified to ISO 91035



FIGURES IN BRACKETS INDICATE MILLIMETERS / DECIMAL AND FRACTIONAL DIMENSIONS EQUAL TO (PLUS OR MINUS 1/16 INCH [1.5mm])

Weights	lbs.	kgs.
Net	39	17.7
Crated	57	25.9
	cu. ft.	cu. m.
Volume	39.2	1.11
Dimensions	in.	mm.
Width	12-11/32	313.4
Depth	18	457.4
Height	25-1/16	636.5
Counter Clearance	---	---

**Designed to rest on a plastic pad directly on the counter top.*

U.S. & Canada Electrical	Total Amps	Supplied with Cord	Provided With Power Supply
Blender Station - 115/60/1 Air	10	5-15P 100-115V	NA
International Electrical	Total Amps	Supplied with Cord	Provided With Power Supply
Blender Station			
100-115V 50/60Hz /1PH	10	YES	NA
208-240V 50/60Hz /1PH	10	YES	NA

This unit may be manufactured in other electrical characteristics and may have additional regulatory agency approvals. Consult the local Taylor Distributor for other electrical characteristics and agency approvals based on specific electrical and country requirements.

(For exact electrical information and approval marks, always refer to the data label of the unit.)

Continuing research results in steady improvements; therefore, these specifications are subject to change without notice.

Bidding Specs

Electrical: Volt _____ Hz _____ ph _____
Neutral: ☐Yes ☐No **Cooling:** ☐Air ☐Water ☐NA

Options: _____

Specifications

Electrical

One dedicated electrical connection is required. See the electrical chart for the proper electrical requirements. Blender must be positioned within 5 feet (1.5 m) of electrical outlets.

Clearance

No additional clearance is required on either side of the unit for air inlet or discharge.

4 inches (100 mm) of clearance is required behind the unit to allow for proper routing of the drainage hardware.

12 inches (304 mm) of air clearance is required above the unit to allow for proper loading of ice into the ice hopper.

Water

3/8 inch cold water supply line for blending dispenser, if water is a recipe component. Minimum 55 PSI required with a maximum of 100 PSI. Temperature-Maximum 125°F (52°C). For best results, filtered water is required.

Drain

A drain is required. The drain must be able to accommodate a 1-1/8 inch (29 mm) diameter drain tube.

A minimum of 1 inch (25 mm) air gap is required between the end of the drain tube and the drain to ensure proper flow.

IMPORTANT: Install blender on a level surface within 10 feet (3.05 m) of drain.

Commercial Drop Ice

Commercial drop ice is recommended for maximum performance and drink consistency.

Options

- Extra-large ice hopper – holds approximately 28 lbs. (12.7 kgs) of ice.

Accessories

- Sound reduction door

Authorized Taylor Distributor



750 N. Blackhawk Blvd.
Rockton, Illinois 61072
www.taylor-company.com

087638-ADV

5/18

Taylor MagnaBlend - Model SB2412-WDD (Dunkin' Donuts Spec)

One (1) Taylor MagnaBlend-Model SB2412-WDD Shaver Blender

Includes: Two (2) year limited Service Contract (parts & labor, does not include wear items). Also includes one (1) warranty checkout call which includes uncrating, set-in-place and installation by chosen service provider (Taylor or Island Oasis) and a Parts Kit including:

One(1)	Shaver Blender with Solid Shaver/Cruise Blade
One(1)	30 lb Ice Hopper
One(1)	Sound Reduction Door
Two (2)	Blender Cups
Two (2)	Black Triton Blender Cup Lids
Two (2)	Clear Measuring Cups
Two (2)	Red Measuring Cups
One(1)	Squeeze Bottle
One(1)	Brush Kit
One(1)	Box Stera Sheen Sanitizer (25 packets)
	Tubes, Clamps and Fittings
One (1)	Sugar Cane Rack
Four (4)	Rubber Feet

iMIX-3s+®, 208v (DUNKIN')

Height: 33.6" Width: 12.6" Depth: 23.0"
(85.3cm) (32.0cm) (58.4cm)

DUNKIN'



- 4.3gal (16.3L) hot water tank to meet peak serving times
- High efficiency LED lighted front graphics for merchandising
- Alphanumeric display allows adjustments and service operational testing from front of machine. Also communicates advertising messages, machine status and technical support contact information
- 5 position portion control Membrane switch to accommodate Small, Medium, Large, X-Large, and top off of each Hot Powder Beverage.
- Capacity: Three 8lb (3.6kg) hoppers
- Cup clearance at 7.25" (18.4cm) to accommodate popular cup sizes [adjustable to 8.12" (20.6cm)]
- Easily removable side panels for complete access to service components
- Front of machine access to tank drain, dump valves, auger and whipper motors and control board for easy service set up and calibration
- High speed heavy-duty whipper for complete product mixing
- Spring-loaded, all metal auger drive system for easy hopper installation
- Variable speed motors allow control of product consistency in mixing chamber (.75 to 6.6 grams of powder per second)

Agency:



Specifications

Product #: 38600.0057

Water Access: Plumbed

Finish: Black

Hoppers: Three

Door: Top Hinge

Dispense: Membrane Switch

Dispense: Portion Control

Additional Features

Comes with Dunkin Door Duratran and Flavor Label Sheet.



Electrical & Capacity

Volts*	Amps	Watts	Cord Attached	Plug Type	8oz cups/hr 236ml cups/hr	Input H ₂ O Temp.	Phase	# Wires plus Ground	Hertz
120/208	20	3100	YES	L14-20P	150	60°F (15.5°C)	1	3	60

*When a BUNN is machine rated 120/208-240V, 120/208V or 120/240V, the higher voltage is the supply voltage needed to power the machine. The 120V is there to supply power to some components rated 120V in the machine, but it is not the supply voltage and would not power the machine if the machine is marked with the before mentioned ratings.

Plumbing Requirements

PSI	kPa	Fitting Supplied	Water Flow Required (GPM)
20-100	138-689	1/4" Male Flare Fitting	-

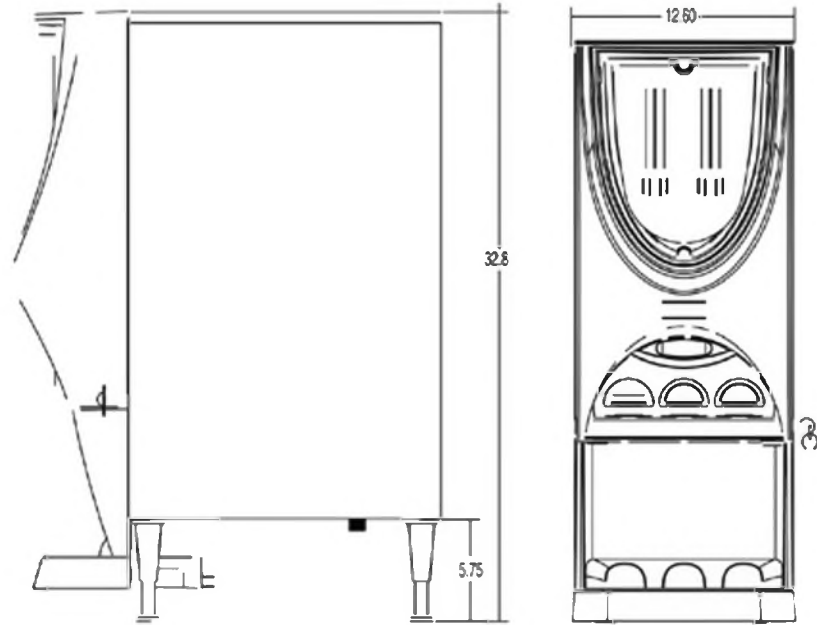
CAD Drawings

2D	Revit	KLC
•	•	•

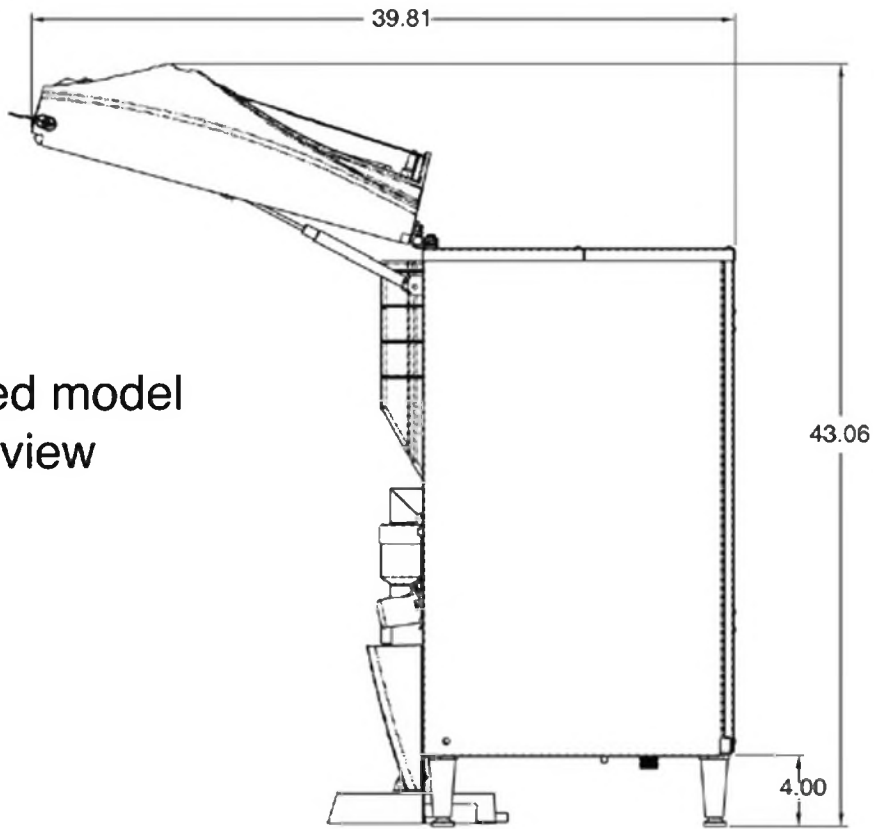


BUNN® reserves the right to change specifications and product design without notice. Such revisions do not entitle the buyer to corresponding changes, improvements, additions or replacements for previously purchased equipment. For most current specifications and other info visit bunn.com.

Last Updated:
12/19/20



top hinged model
side view



Unit				Shipping				
	Height	Width	Depth	Height	Width	Depth	Weight	Volume
English	33.6 in.	12.6 in.	23.0 in.	41.7 in.	17.1 in.	29.5 in.	102.810 lbs	12.144 ft³
Metric	85.3 cm	32.0 cm	58.4 cm	105.9 cm	43.3 cm	74.9 cm	46.635 kgs	0.344 m³



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Last Updated:
12/19/20



406 & 407 Undercounter Series

Project _____
 Item _____
 Quantity _____
 CSI Section 11400
 Approved _____
 Date _____

406 & 407 Undercounter Series

Models

406-CA Undercounter refrigerator
 single section on casters

407-CA Undercounter freezer
 single section on casters



Model 406-CA

Standard Features

- Features Delfield's exclusive ABS interior. ABS is extremely durable - it won't dent, chip or corrode and is backed by a limited lifetime warranty
- Stainless steel front and sides
- Two epoxy coated wire shelves, standard per unit
- Environmentally friendly R404A refrigerant
- Foamed in place environmentally friendly, Kyoto Protocol Compliant, Non ODP (Ozone Depletion Potential), Non GWP (Global Warming Potential) polyurethane cuts energy costs
- Black recessed quick grip handle
- 3" diameter (3.75" ride height) casters
- All units come standard hinged right and may be changed at the factory at no charge. Indicate when order is placed
- 6' cord and plug supplied
- Two year parts and labor standard warranty

Specifications

Exterior bottom shall be heavy-gauge galvanized metal. Exterior ends shall be heavy-gauge stainless steel.

Base interior shall be one-piece thermoformed ABS plastic material, with integral shelf supports. ABS interior is backed by a limited lifetime warranty. Base shall be fully insulated with high-density foamed-in-place environmentally friendly, Kyoto Protocol Compliant, Non ODP (Ozone Depletion Potential), Non GWP (Global Warming Potential) polyurethane.

Door shall have a heavy-gauge stainless steel exterior, with a thermoformed ABS plastic interior liner, and shall be fully insulated with foamed-in-place polyurethane. Door handle shall be black, recessed ABS. Cabinet shall have (2) adjustable epoxy-coated wire shelves installed.

MODELS 406-CA REFRIGERATORS REFRIGERATION SYSTEM
 Refrigeration system shall use HFC-404A refrigerant. Compressor shall be 1/5 h.p., with condenser coil and hot gas condensate evaporator mounted on rear of cabinet. Evaporator coil and temperature control shall be mounted on the interior rear wall of the cabinet. Refrigerant flow shall be controlled by a capillary tube. Cabinet shall maintain 36°F to 40°F (2°C to 4°C) interior cabinet temperature.

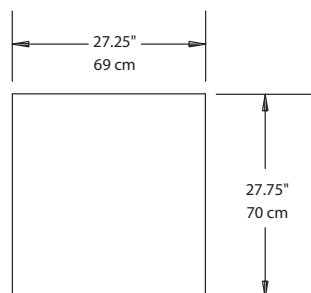
MODELS 407-CA FREEZERS REFRIGERATION SYSTEM
 Freezer system shall use HFC-404A refrigerant. Compressor shall be 1/5 h.p., with condenser coil and hot gas condensate evaporator mounted on rear of cabinet. Evaporator coil and temperature control shall be mounted on the interior rear wall of the cabinet. Refrigerant flow shall be controlled by a capillary tube. Cabinet shall maintain -5°F to 0°F (-21°C to -18°C) interior cabinet temperature.

Electrical connections shall be 115 volt, 60 Hertz, single phase. Unit shall have a 6' (1.8m) long electrical cord and NEMA 5-15P plug. Cord and plug shall be located on rear of cabinet, 16" (40.6cm) above floor, 5" from the left side.

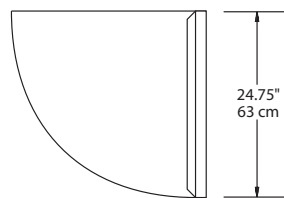
406-CA/407-CA

Equipment is shipped with loose 3" diameter (3.75" ride height) casters high casters (two locking and two non-locking) unless mounting is specified on original sales order. Exterior top shall be one-piece, heavy-gauge aluminum with all edges turned down.

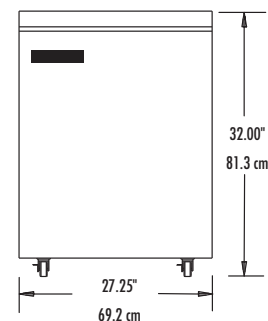




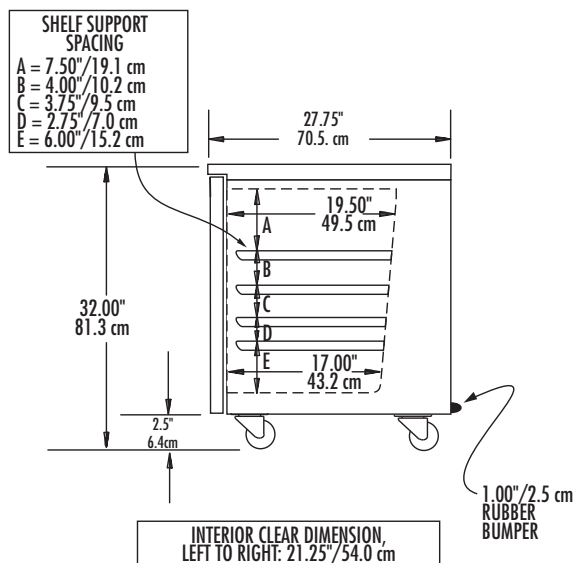
Plan View 406-CA/407-CA



Door Clearance Detail 406-CA/407-CA



Elevation View 406-CA/407-CA



Right End View 406-CA/407-CA

INSTALLATION NOTE ALL MODELS:
Refrigeration system is designed so that air will flow under the unit, through the compressor area, and out the top rear of the unit. Any restriction to this air flow path will void the warranties.

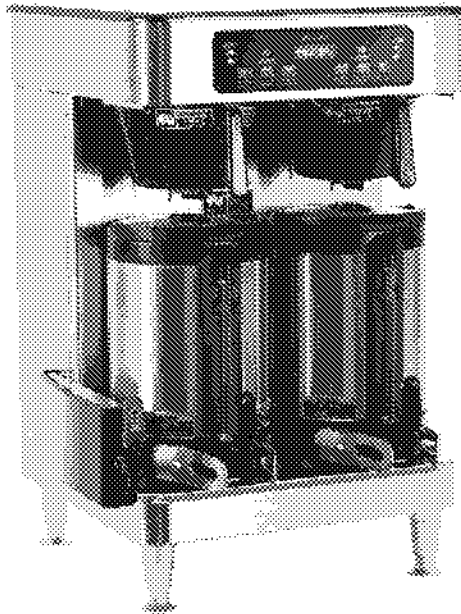
Specifications

Model	Voltage	Amps	Volume	Shelf Area	H.P.	Ship Weight	NEMA Plug	Energy (KWH)
406-CA	115	4.0	5.7ft ³	4.6ft ²	1/5	168lbs (76kg)	5-15P	1.88
407-CA	115	5.8	5.7ft ³	4.6ft ²	1/5	168lbs (76kg)	5-15P	2.53

Delfield reserves the right to make changes to the design or specifications without prior notice.

ICB Twin SH, Stainless (DD)

32.9" x 23.4" x 22.0"
(83.8cm x 59.4cm x 55.9cm)



- Sleek modernized design language, with rounded angles on the corners and trunk
- Digital readout displays in English, Spanish, or French ---for easier programming and control--- and can show either 'Standard' or Metric measurements. Digital readout also shows machine status, and targeted advertising messages can be programmed for display.
- BUNN Infusion Series technology allows for multiple recipes from one footprint --- with six brew buttons and three batch sizes
- Energy-saver mode reduces tank temperature during idle periods
- Exclusive Peak Extraction™ Sprayhead is multi-directional with a 17-hole design to ensure ultimate uniformity of extraction
- Electronic funnel lock prevents removal of each brew funnel until drip- through is complete
- USB programming capable
- Brew counter keeps track of how many batches are brewed
- Pre-infusion and pulse brew for maximum flavor extraction. Cold brew lockout & digital temperature control further ensure top-notch brewing.
- New Soft Heat® servers [sold separately] are ergonomic, lighter weight, energy efficient and now offer programmable recipe/batch based holding times and temperatures, alerting staff when freshness has expired or server is empty

Agency:



Specifications

Product #: 51200.0106

Water Access: Plumbed

Interface: Wireless

Finish: Stainless

Funnel: Black Plastic

Faucet: Side

Legs: 4" Stainless Steel Legs

Additional Features

Electrical & Capacity

Volts	Amps	Watts	Cord Attached	Plug Type	8oz cups/hr 236ml cups/hr	Input HFO Temp.	Phase	# Wires plus Ground	Hertz
120/208	38.5	8000	Yes	14-50P	280	60°F (15.5°C)	1	3	60

Plumbing Requirements

PSI	kPa	Fitting Supplied	Water Flow Required (GPM)
20-90	138-621	3/8" Male Flare Fitting	1.00

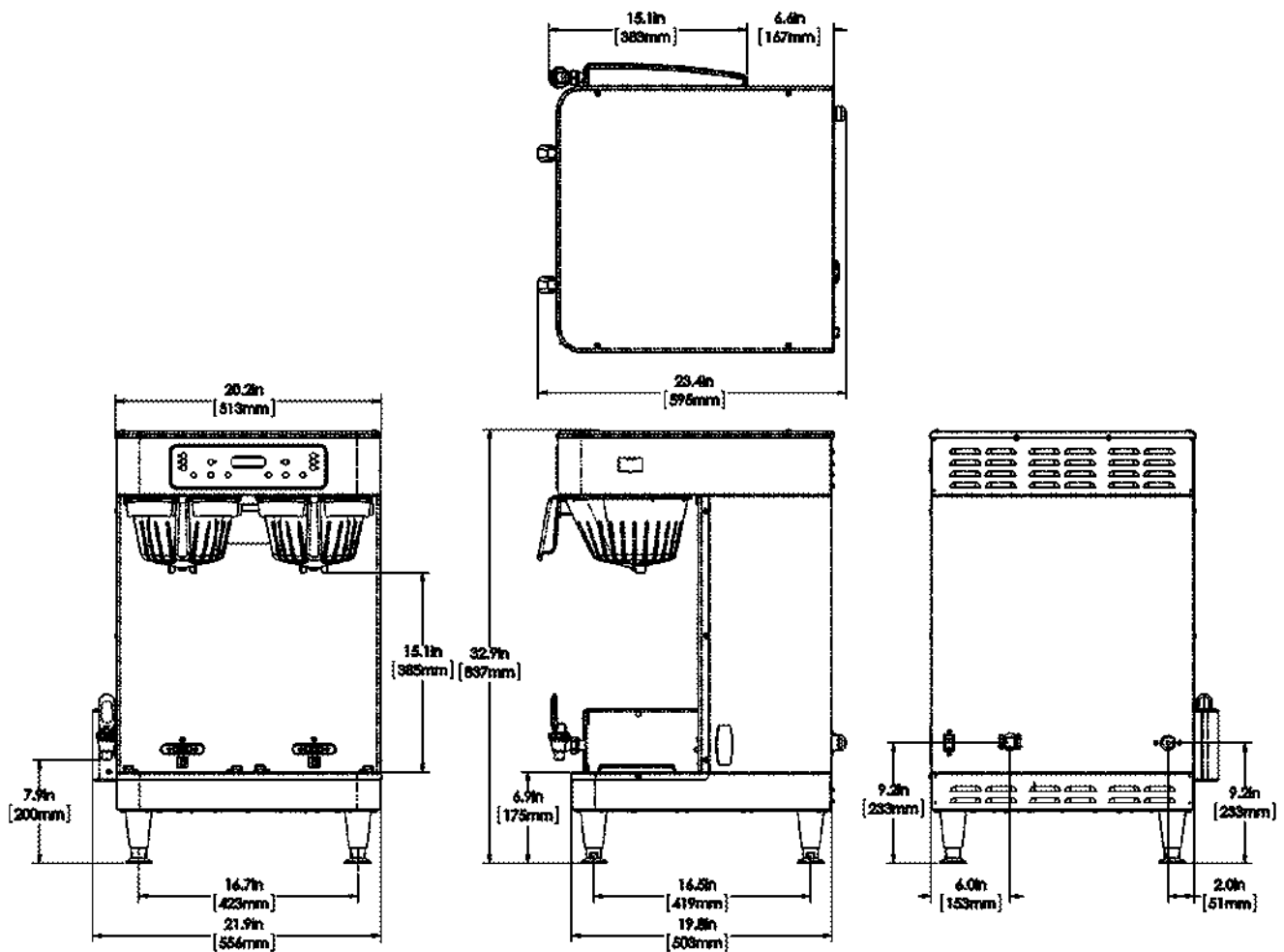
CAD Drawings

2D	Revit	KLC
•		



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Created on:
04/08/2018



Unit				Shipping				
	Width	Height	Depth	Width	Height	Depth	Weight	Volume
English	22.0 in.	32.9 in.	23.4 in.	25.9 in. in.	37.1 in. in.	28.1 in. in.	78.400 lbs	1.510 ft³
Metric	55.9 cm	83.6 cm	59.4 cm	65.8 cm cm	94.2 cm cm	71.4 cm cm	35.562 kgs	0.043 m³



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Created on:
04/08/2018

Related Products & Accessories: ICB Twin SH, Stainless(51200.0102)



**FILTERS, GOURMET 500
500/1 50/CL**

Product #: 20138.1000



**1SH STAND, 120V INF
SERIES**

Product #: 27825.0200



**2SH STAND, 120V INF
SERIES**

Product #: 27875.0200



**WATER FILTER,
EQHP-10L**

Product #: 39000.0001



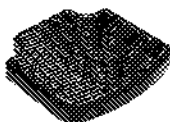
**WATER FILTER,
EQHP-10**

Product #: 39000.0004



**KIT, DRIP TRAY INF
TWIN SH**

Product #: 53452.0000



**KIT, DRIP TRAY SINGLE
SH**

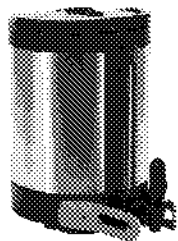
Product #: 53452.0001



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Created on:
04/08/2018

Serving & Holding Options: ICB Twin SH, Stainless(51200.0102)



SH SERVER, 1.5/5.7L INF
SERIES

Product #:27850.0200



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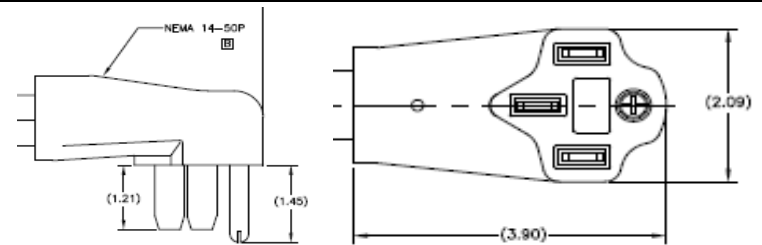
Created on:
04/08/2018

Description

ICB TWIN w/4,000W w/COMM & faucet covers

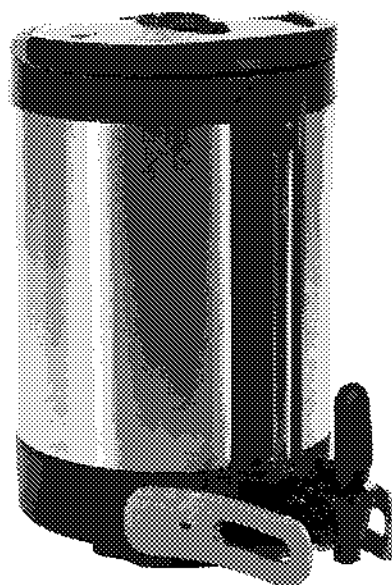
Power Cord - 14-50P (26858.0006)

NEMA 14-50P



1.5 Gal (5.7L) SH Srvr, INF SERIES RGB (DD)

14.5" x 13.3" x 9.1"
(36.8cm x 33.8cm x 23.1cm)



- BUNN-exclusive Soft Heat technology automatically docks the server to the brewer (or remote warming station), supplying controlled heat to brewed coffee at ideal holding temperatures while maintaining optimal flavor for longer periods
- New 1.5gal (3.8L) Soft Heat servers are completely modernized and ergonomic, of lighter weight and greater energy efficiency, yet are still constructed of durable stainless steel to withstand the demands of a busy serving environment
- The rounded design and wider top mean that the inside is easier to access and clean
- Can utilize programmed recipe/batch-based holding times and temperatures
- Integrated sight gauge assembly provides at-a-glance volume level
- The serving unit alerts staff when freshness has expired or the server is empty with Blue, Yellow, and Red lights.
- New side-mounted pail-style handle makes transporting more stable for serving, emptying, and cleaning

Agency:



Specifications

Product #: 27850.0209

Finish: Stainless

Additional Features

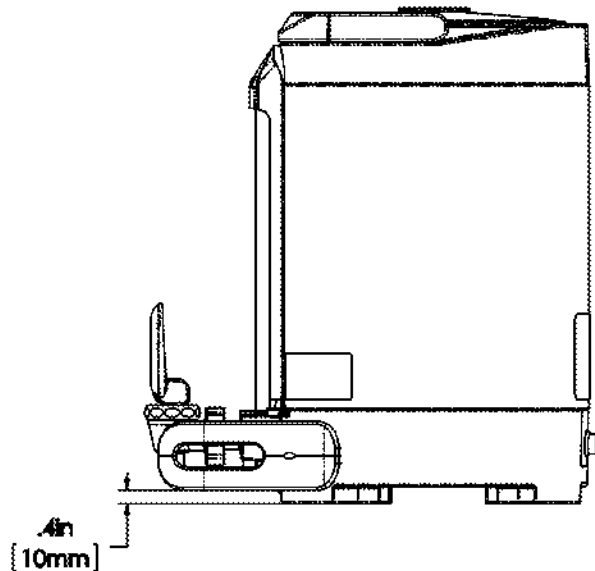
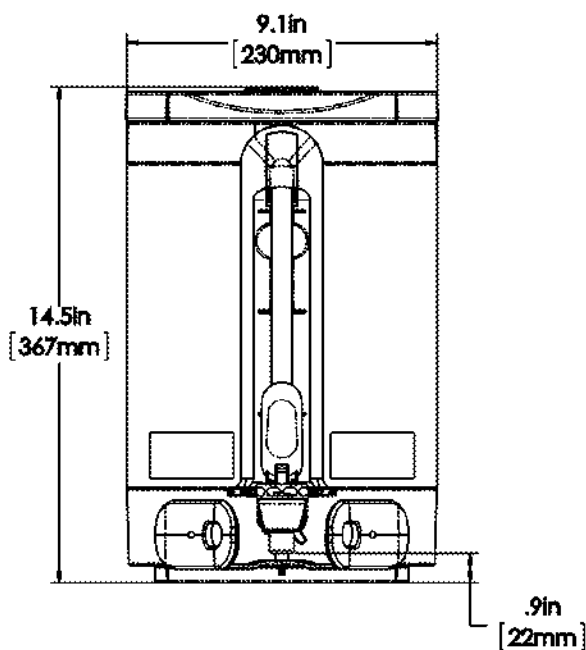
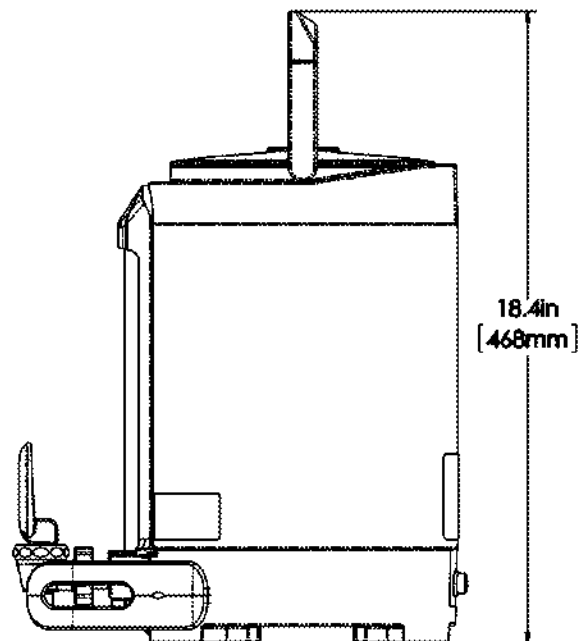
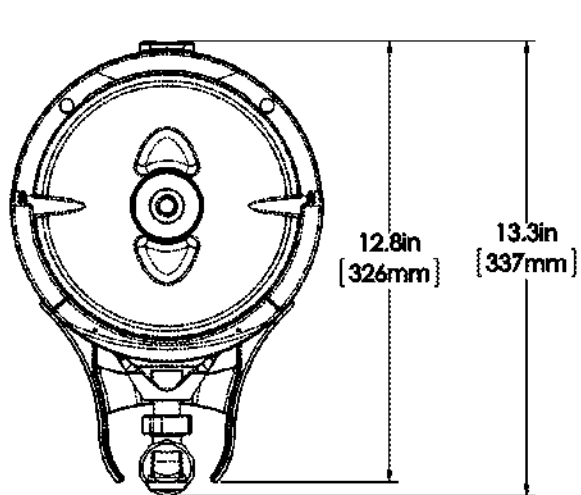
Holding Capacity

English	Metric
192 oz.	5.7 L



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Created on:
05/03/2018



	Unit			Shipping				
	Width	Height	Depth	Width	Height	Depth	Weight	Volume
English	9.1 in.	14.5 in.	13.3 in.	10.8 in. in.	16.1 in. in.	16.9 in. in.	8.450 lbs	1.694 ft³
Metric	23.1 cm	36.8 cm	33.8 cm	27.3 cm cm	41.0 cm cm	42.9 cm cm	3.833 kgs	0.048 m³

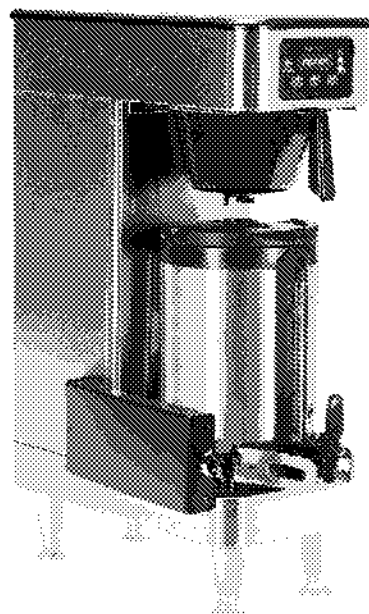


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Created on:
12/2018

ICB SH, Stainless (DD)

32.8" x 23.4" x 11.8"
(83.3cm x 59.4cm x 30.0cm)



- Sleek modernized design language, with rounded angles on the corners and trunk
- Digital readout displays in English, Spanish, or French ---for easier programming and control--- and can show either 'Standard' or Metric measurements. Digital readout also shows machine status, and targeted advertising messages can be programmed for display.
- BUNN Infusion Series technology allows for multiple recipes from one footprint --- with three brew buttons and three batch sizes
- Energy-saver mode reduces tank temperature during idle periods
- Exclusive Peak Extraction™ Sprayhead is multi-directional with a 17-hole design to ensure ultimate uniformity of extraction
- Electronic funnel lock prevents removal of each brew funnel until drip- through is complete
- USB programming capable
- Brew counter keeps track of how many batches are brewed
- Pre-infusion and pulse brew for maximum flavor extraction. Cold brew lockout & digital temperature control further ensure top-notch brewing.
- New Soft Heat® servers [sold separately] are ergonomic, lighter weight, energy efficient and now offer programmable recipe/batch based holding times and temperatures, alerting staff when freshness has expired or server is empty

Agency:



Specifications

Product #: 51100.0111

Legs: 4" Satin Nickel Legs

Water Access: Plumbed

Finish: Stainless

Funnel: Smart Funnel

Faucet: Side

Additional Features

BrewWISE

Electrical & Capacity

Volts	Amps	Watts	Cord Attached	Plug Type	8oz cups/hr 236ml cups/hr	Input HFO Temp.	Phase	# Wires plus Ground	Hertz
120/208	16.8	3500	Yes	L14-20P	163	60°F (15.5°C)	1	3	60

Plumbing Requirements

PSI	kPa	Fitting Supplied	Water Flow Required (GPM)
20-90	138-621	3/8" Male Flare Fitting	1.00

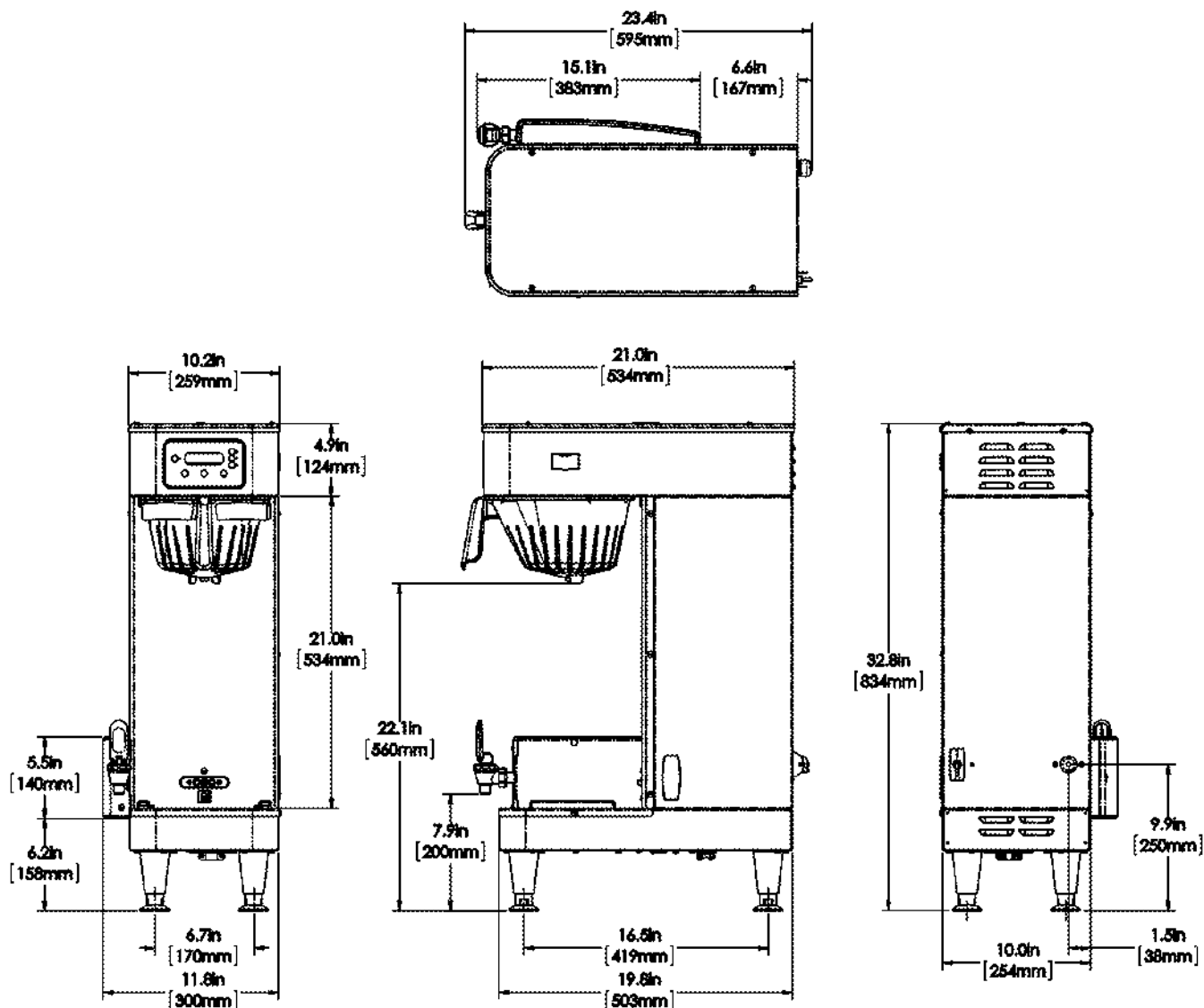
CAD Drawings

2D	Revit	KLC
•		



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Created on:
04/08/2018



Unit				Shipping				
	Width	Height	Depth	Width	Height	Depth	Weight	Volume
English	11.8 in.	32.8 in.	23.4 in.	14.6 in. in.	36.1 in. in.	28.0 in. in.	47.500 lbs	7.787 ft³
Metric	30.0 cm	83.3 cm	59.4 cm	37.1 cm cm	91.7 cm cm	71.1 cm cm	21.546 kgs	0.221 m³



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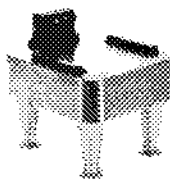
Created on:
04/08/2018

Related Products & Accessories: ICB SH, Stainless(51100.0100)



**FILTERS, GOURMET 500
500/1 50/CL**

Product #: 20138.1000



**1SH STAND, 120V INF
SERIES**

Product #: 27825.0201



**2SH STAND, 120V INF
SERIES**

Product #: 27875.0201



**WATER FILTER,
EQHP-10L**

Product #: 39000.0001



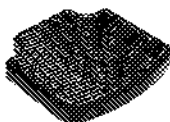
**WATER FILTER,
EQHP-10**

Product #: 39000.0004



**KIT, DRIP TRAY INF
TWIN SH**

Product #: 53452.0000



**KIT, DRIP TRAY SINGLE
SH**

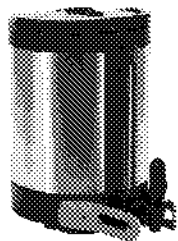
Product #: 53452.0001



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Created on:
04/08/2018

Serving & Holding Options: ICB SH, Stainless(51100.0111)



SH SERVER, 1.5/5.7L INF
SERIES

Product #:27850.0209

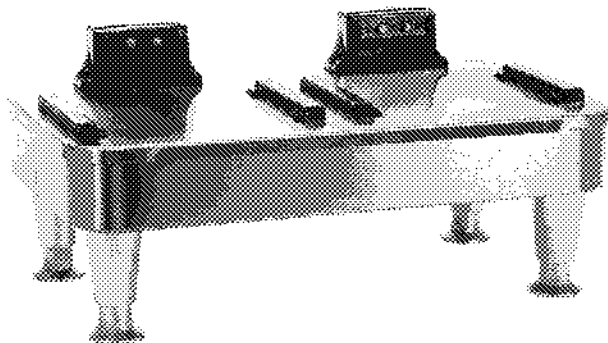


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Created on:
04/08/2018

2SH Soft Heat Stand, WiFi

9.3" x 11.8" x 20.2"
(23.6cm x 30.0cm x 51.3cm)



- Soft Heat® wireless server monitoring provides operator staff a dashboard view of all servers on location to assure fresh coffee is always available
- The dashboard shows the age of the coffee and alerts staff when it has expired, or when the server is empty
- The dashboard works with tablets, smart phones and laptops that have WiFi
- Password protected access prevents unauthorized viewing
- All communications are done through the Infusion Soft Heat brewer and access to the site's WiFi system is not needed
- Remote two server docking station for additional satellite coffee serving
- Docking station provides instant power contact to servers
- Soft Heat® stand supplies power to servers, to provide controlled heat for ideal maintenance of flavor and temperature
- Compatible with round BUNN Infusion Series Soft Heat servers
- Durable all stainless steel construction
- Contemporary styling

Agency:



Specifications

Product #: 27875.0201

Finish: Stainless

Legs: 4" Stainless Steel Legs

Additional Features

Electrical & Capacity

Volts	Amps	Watts	Cord Attached	Plug Type	8oz cups/hr 236ml cups/hr	Input H ₂ O Temp.	Phase	# Wires plus Ground	Hertz
120	1.8	216	Yes	NEMA 5-15P	-	60°F (15.5°C)	1	2	60

Plumbing Requirements

PSI	kPa	Fitting Supplied	Water Flow Required (GPM)
-	-	-	-

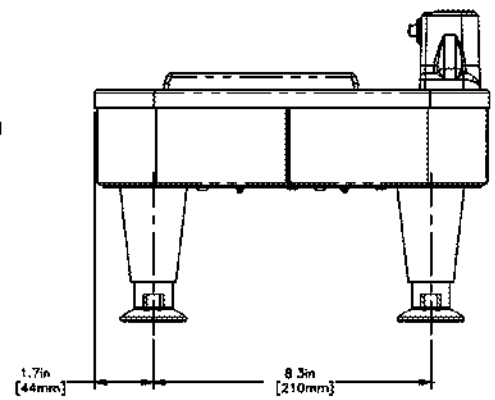
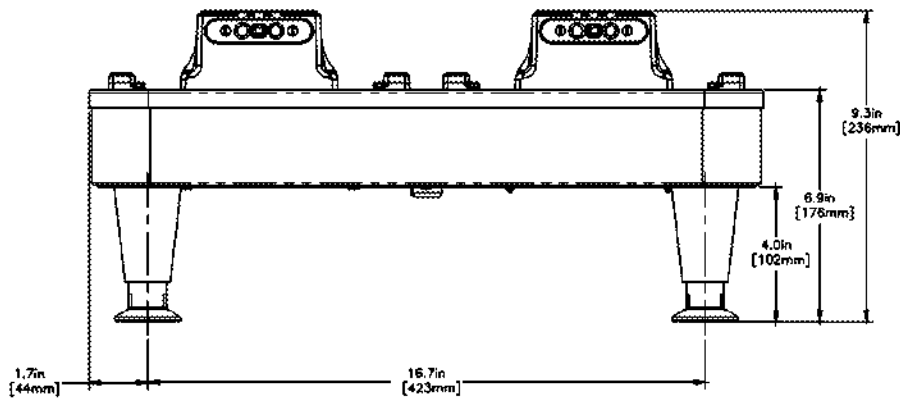
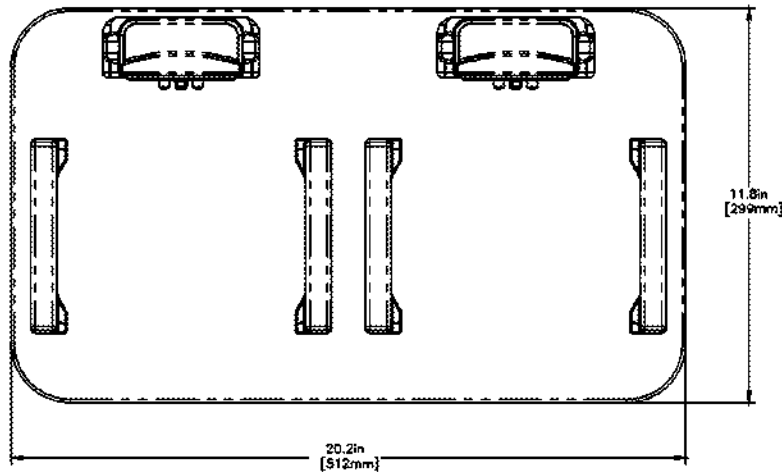
CAD Drawings

2D	Revit	KLC
•		



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Created on:
07/11/2018



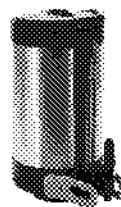
Unit				Shipping				
	Width	Height	Depth	Width	Height	Depth	Weight	Volume
English	20.2 in.	9.3 in.	11.8 in.	14.1 in. in.	11.6 in. in.	22.8 in. in.	22,000 lbs	1.936 ft³
Metric	51.3 cm	23.6 cm	30.0 cm	35.8 cm cm	29.5 cm cm	57.9 cm cm	9,979 kgs	0.055 m³



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Created on:
07/11/2013

Related Products & Accessories:2SH Soft Heat Stand, WiFi(27875.0201)



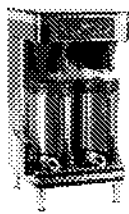
SH SERVER, 1.5/5.7L INF
SERIES

Product #: 27850.0200



ICB TWIN SH, 120/240V
SST

Product #: 51200.0100



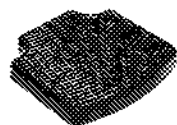
ICB TWIN SH, 120/240V
BLK/SST

Product #: 51200.0101



KIT, DRIP TRAY INF
TWIN SH

Product #: 53452.0000



KIT, DRIP TRAY SINGLE
SH

Product #: 53452.0001



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Created on:
07/11/2018

Serving & Holding Options: 2SH Soft Heat Stand, WiFi(27875.0201)

*Serving and Holding selections are currently unavailable. Please contact your sales representative to find out more information *



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Created on:
07/11/2018



Dunkin' Donuts IC3-DBC with ICDD

ITEM#

PROJECT

DATE



Features

3 Gallon Digital Iced Coffee Brewer

- Brews 20 gallons (75.7 litres) per hour.
- BrewLOGIC® technology and flow meter calculate flow rate and adjusts brew time to maintain consistent volume.
- Digital display in English/Spanish for easier programming and control. Machine status also displayed.
- Four brew buttons allow for 4 separate brewing profiles. Two programmable batch switches allow full and half batch brewing.
- USB port for easy software updates.
- Dilution feature allows for brewing iced coffee and tea.
- Digital temperature control and cold brew lockout.
- Includes Stainless Steel coffee funnel. Iced tea funnel ships separately.
- Funnel lock.
- Energy-saver mode reduces tank temperature during idle periods
- SplashGard® funnel deflects hot liquids away from the hand.

IC3-DBC with 3 Gallon Reservoir

(reservoir sold separately)

Dimensions: 32.39"H x 11.75"W x 25"D
(82.27cm H x 29.84cm W x 63.5cm D)

For current specification sheets and other information, go to www.bunn.com.

Related Products

ICDD-3 Iced Coffee Dispenser

Product No. : 35100.1001

Dimensions: 24.8" H x 10.9" W x 25.2" D
(63cm H x 27.7cm W x 64cm D)



Half-Size Reservoir 2-Pack

Product No.: 45037.0000



Retrofit Cover

Required for retro-fitting of existing ICDD-3 in the field

Product No.: 36312.1001



IC3 Filter Pack

Product No. : 20109.0000

Packed per case: 250



Reservoir 2-Pack

Product No.: 36257.0002



Shelf

Required for Half-Size Reservoirs:

1 shelf for 2 half/1 full or

2 shelves for 4 half-size

Product No.: 43632.1000



Tea Funnel - green handle

Product No. : 45845.1001

Model

IC3-DBC

Agency Listing



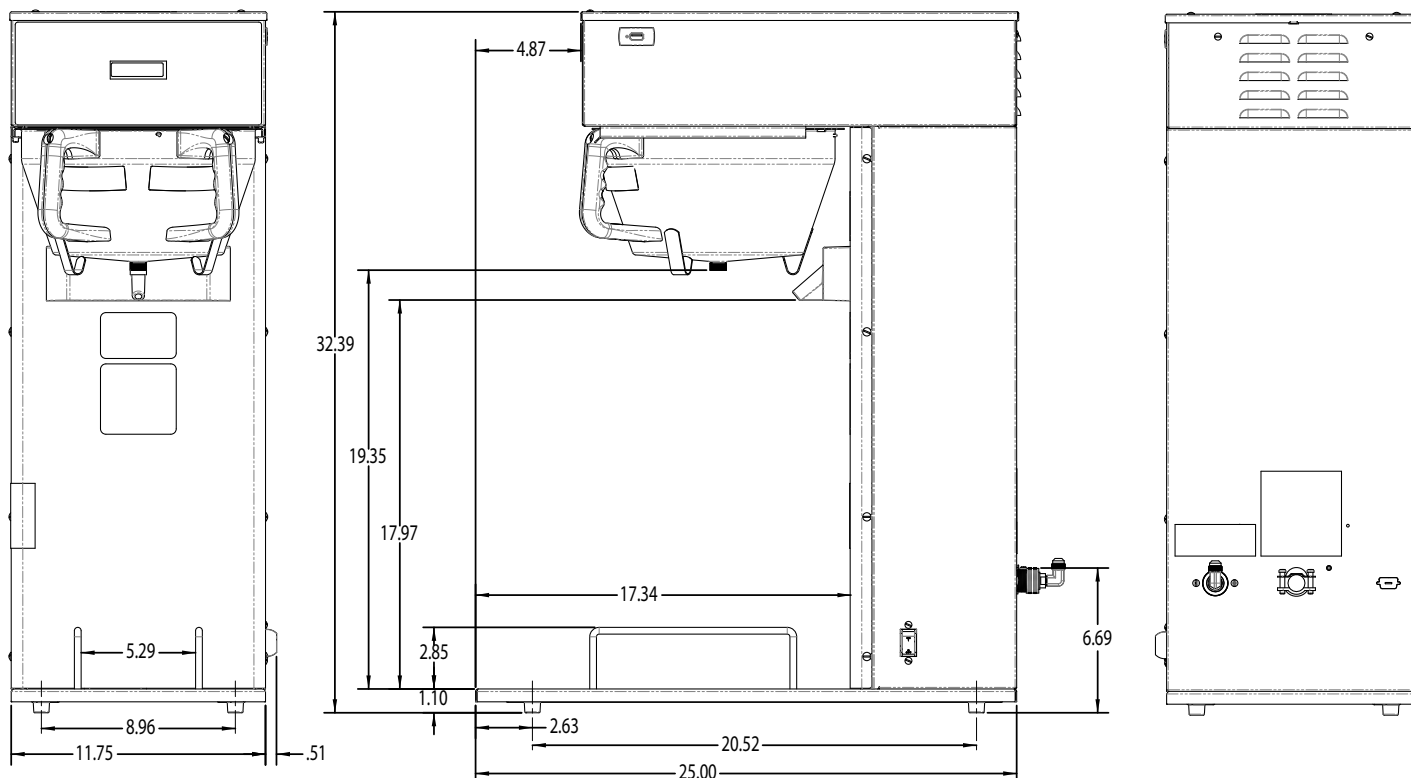
Dimensions & Specifications

Model	Product #	Volts	Amps	Total Watts	Brewing Capacity	Cu. Ft.	Shipping Weight	Cord Attached
IC3-DBC	45100.0100	120/208	19.5	4050	20 gal./hr.	9.0	58 lbs.	Yes

NEMA L14-30P

Electrical: Model requires 30A circuit, 3-wires plus ground service rated at 120/208V, single phase, 60 Hz.

Plumbing: 20-90 psi (138-621 kPa). 1.5 gpm flow rate required. Machine supplied with $\frac{3}{8}$ " OD male flare fitting.



Bunn-O-Matic® Corporation - 1400 Stevenson Drive Springfield, Illinois 62703 • 800-637-8606 • 217-529-6601 • Fax 217-529-6644 • www.bunn.com

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All dimensions shown in inches.

9/10 © Bunn-O-Matic Corporation



Dunkin' Donuts Iced Coffee Drink Dispenser

ITEM#

PROJECT

DATE



ICDD-3

Dimensions: 24.8" H x 10.9" W x 25.2" D
(63cm H x 27.7cm W x 64cm D)

Features

Iced Coffee Drink Dispenser

- Attractive, long-lasting stainless steel exteriors.
- Space-saving design is perfect for counters.
- Brew-through lid design allows you to brew directly into dispenser from BUNN® Iced Coffee brewer (IC3).
- Flexibility to dispense four coffee flavors simultaneously.
- Accommodates two 3-gallon reservoirs or four 1.5 gallon reservoirs.
- Removable reservoirs with front and rear handles.
- Clear reservoirs allow easy visibility of product level. For use with liner (not included).
- Hinged lid for easy access to reservoirs.
- Adjustable 4" legs.
- Drip tray assembly included.

For current specification sheets and other information, go to www.bunn.com.

Related Products

Reservoir 2-Pack

Product No.: 36257.0002



Half-Size Reservoir 2-Pack

Product No.: 45037.0000



Retrofit Cover

Required for retro-fitting of existing ICDD-3 in the field

Product No.: 36312.1001



Shelf

Required for Half-Size Reservoirs:

1 shelf for 2 half/1 full or

2 shelves for 4 half-size

Product No.: 43632.1000



Model

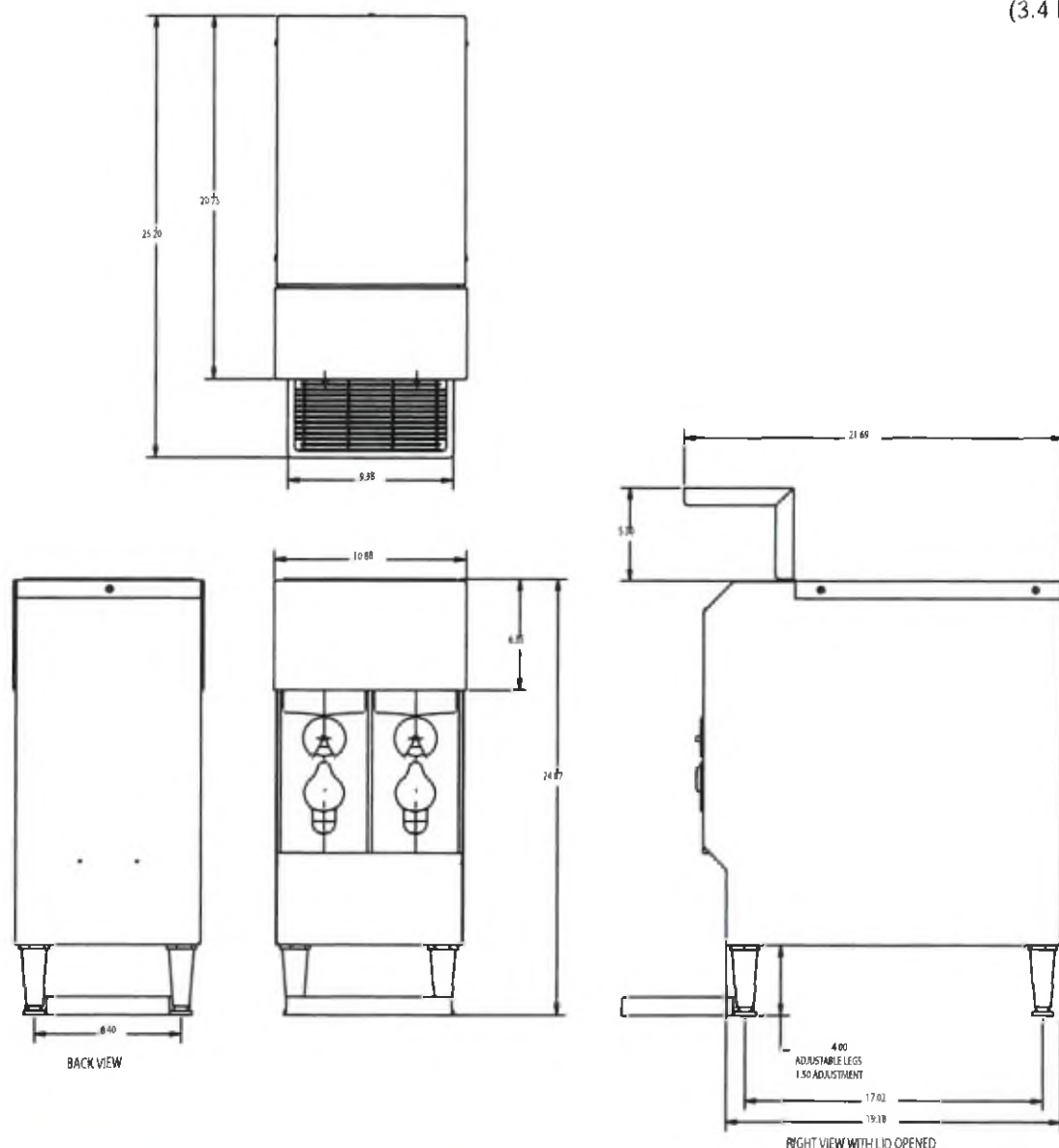
ICDD-3

Agency Listing



Dimensions & Specifications

Model	Product #	Capacity	Cubic Measure	Shipping Weight
ICDD-3	35100.1001	6 gallons (22.7 litres)	7.7 ft ³ (.22 m ³)	27 lbs. (12.2 kg)
Full-Size Reservoir (2 pack)	36257.0002	3 gallons each		17 lbs. (12.2 kg)
Half-Size Reservoir (2 pack)	45037.0000	1.5 gallons each		10 lbs. (4.5kg)
Retrofit Cover	36312.1001	N/A		4 lbs. (1.8 kg)
Shelf	43632.1000	N/A		7.5 lbs. (3.4 kg)



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All dimensions shown in inches. *on.*

7/13 © Bunn-O-Matic Corporation



February 8, 2016

To whom it may concern,

This letter is to confirm that the ICDD-3 reservoir is certified to Standard 4 under NSF® International under the Food Equipment program.

The Stand is made to comply with specifications, construction details and materials listed in Standards 2 and 51 of the Food Equipment program. Because the stand does not come into contact with food, the stand is not required to be certified per NSF® International standards.

If you have any additional questions regarding these certifications, please contact me at your convenience.

Sincerely,



Carla Knox

Compliance Manager, Engineering Dept.

BUNN, Quality Since 1840

1400 Adlai Stevenson Drive

Springfield, IL 62703

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217-306-1702 mobile

217-529-2512 fax

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UNIVERSAL MODULAR HOLDING CABINETS

MZ223-4D

for Dunkin' Donuts



Controller

CARTER-HOFFMANN



HEATED CABINETS

FOOD SERVICE EQUIPMENT

SPECIFICATIONS

Model Number	Pan Depth*	Capacity			Overall Dimensions						Shipping Weight	
	Approximately				Height		Depth		Width			
			12 ³ / ₄ "x20 ³ / ₄ "	12 ³ / ₄ "x10 ³ / ₈ "	12 ³ / ₄ "x6 ⁵ / ₈ "	in	mm	in	mm	in	mm	lbs
MZ223-4D	2½" deep	-	2	4	17 ³ / ₁₆	436	14 ¹¹ / ₁₆	373	17¼	439	52	24

CONSTRUCTION... All stainless steel double wall cabinet construction. Modular design with one controller and one pan cavity per module.

CABINET MATERIAL... All stainless steel construction; 20 gauge polished exterior. Each cavity has a scratch-resistant polymer lower surface with recessed aluminum plate. Lids are removable for holding drier foods and cleaning.

INSULATION... Millboard insulation, 2mm thick, on top, heater assemblies and each shelf.

FEET... Four rubber feet mounted to base of cabinet.

INTEGRATED PAN COVERS... Built-in, removable aluminum pan lids, notched and held in place with gravity. Easily removed, without tools, for cleaning or holding uncovered food products. Lids in place provide seals for pans containing moisture-sensitive food products.

CONTROLLER... Electronic temperature controls with countdown timers and audio/visual alarm. Allows user to program temperature for top and bottom heaters in one degree increments from up to 250°F (121°C). Timers can be set for up to 9 hours, 59 minutes, in 1 minute increments. Countdown converts to seconds when less than 1 minute is left.

PAN TIMERS... Individual timers for 1/3 size pans. MZ223-4D has 4 timers.

HEATING SYSTEM... For each shelf there are two silicone pad heaters vulcanized to bottom of of hard coat anodized aluminum plate; one on the top of the cavity and one on the bottom of the cavity. Four 250 watt heaters per shelf. Programmable controller, with a digital temperature and time display.

FACTORY SETPOINTS... Pre-programmed factory set points for controller: Both shelves are set at 240°F (115°C) on top and bottom heaters for 20 minutes.

ELECTRICAL CHARACTERISTICS... MZ223-4D operates on 120 volts, 60 cycle, 1000 watts, 8.3 amps, NEMA 5-15P plug. Six foot 3 wire rubber cord with 3 prong grounding plug.

ACCESSORIES (included)...

- ☐ Four 1/3 size amber pans with handles
- ☐ Four 1/3 size wire trivets

Specifications subject to change through product improvement & innovation.

CARTER-HOFFMANN

1551 McCormick Ave., Mundelein, IL 60060

(847) 362-5500 • (800) 323-9793 • Fax (847) 367-8981

www.carter-hoffmann.com





BULLET™

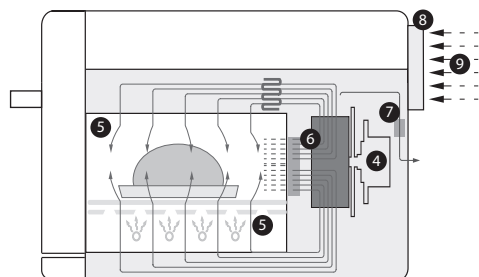
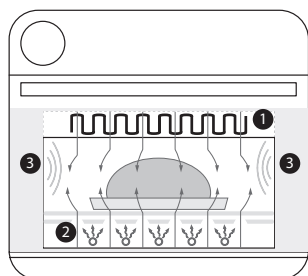


PERFORMANCE

The TurboChef Bullet oven uses radiant heat, high-speed air impingement, and side-launched microwave to cook food rapidly without compromising quality.

VENTILATION

- UL (KNLZ) listed for ventless operation.†
- EPA 202 test (8 hr):
 - Product: Pepperoni Pizzas
 - Results: 0.13 mg/m³
 - Ventless Requirement: <5.00 mg/m³
- Internal catalytic filtration to limit smoke, grease, and odor emissions.



- | | |
|----------------------------|------------------------------------------------|
| 1. Impingement Heater | 6. Catalytic Converter |
| 2. Bottom Browning Element | 7. Vent Catalyst |
| 3. Side-Launched Microwave | 8. Air Filter |
| 4. Blower Motor | 9. Inlet Air for Cooling Electrical Components |
| 5. Impinged Air | |

Project _____

Item No. _____

Quantity _____

EXTERIOR CONSTRUCTION

- Stainless steel front, top, and sides
- Stainless steel removable grease collection pan
- Cool-to-touch exterior; all surfaces below 131°F (55°C)
- Ergonomic door handle
- 7-inch capacitive touch screen with tempered glass cover

INTERIOR CONSTRUCTION

- 201 stainless steel
- Fully welded and insulated cook chamber
- Removable rack and lower jetplate

FEATURES

- Simple and intuitive touch controls
- Easy to clean
- Integral recirculating catalytic converter for UL (KNLZ) listed ventless operation
- Variable-speed High h recirculating impingement airflow
- Independent bottom temperature offset
- Smart menu system capable of storing up to 256 recipes
- Light ring provides visual cues for cooking
- Built-in self-diagnostics for monitoring oven components and performance
- Stackable design (requires stacking kit)
- USB compatible
- Ethernet and Wi-Fi compatible
- Smart voltage sensor technology* (U.S. only)
- Includes plug and cord (6 ft. nominal)
- Warranty – 3 year parts and labor

STANDARD ACCESSORIES

- 1 Baking Stone (ENC-3012)
- 1 Oven Rack (ENC-1279)
- 1 Aluminum Paddle (NGC-1478)
- 1 Bottle Oven Cleaner (103180)
- 1 Bottle Oven Guard (103181)
- 2 Trigger Sprayers (103182)
- 2 Non-stick Baskets (NGC-1331)



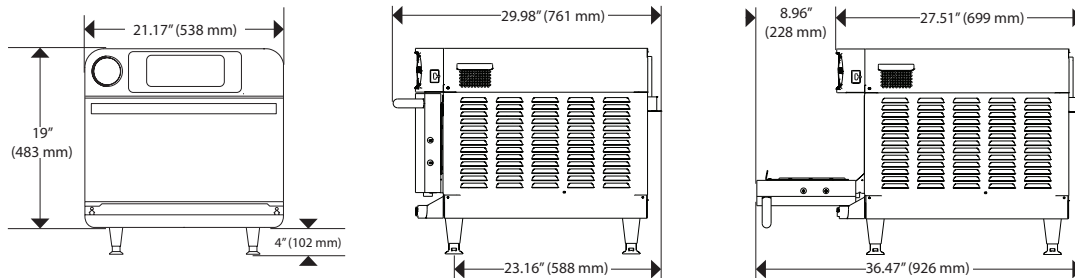
This product conforms to the ventilation recommendations set forth by NFPA96 using EPA202 test method.






* Smart Voltage Sensor Technology does not compensate for lack of or over voltage situations. It is the responsibility of the owner to supply voltage to the unit according to the specifications on the back of this sheet.









† Ventless certification is for all food items except for foods classified as "fatty raw proteins." Such foods include bone-in, skin-on chicken, raw hamburger meat, raw bacon, raw sausage, steaks, etc. If cooking these types of foods, consult local HVAC codes and authorities to ensure compliance with ventilation requirements.

Ultimate ventless allowance is dependent upon AHJ approval, as some jurisdictions may not recognize the UL certification or application. If you have questions regarding ventless certifications or local codes please email ventless.help@turbochef.com

TurboChef reserves the right to make substitutions of components or change specifications without prior notice.



DIMENSIONS		
Single Units		
Height	19"	483 mm
with legs	23"	584 mm
Width	21.17"	538 mm
Depth (footprint)	27.51"	699 mm
with door closed	29.98"	761 mm
with door open	36.47"	926 mm
Weight	185 lb.	84 kg
Stacked Units (Stacking Kit Required)		
Height	38"	965 mm
with legs (bottom oven)	42"	1067 mm
Width	21.17"	538 mm
Depth (footprint)	27.51"	699 mm
with door closed	29.98"	761 mm
with door open	36.47"	926 mm
Weight	370 lb.	168 kg
Cook Chamber		
Height	6"	152 mm
Width	15.5"	394 mm
Depth	14.5"	368 mm
Volume	0.78 cu.ft.	22.1 liters
Wall Clearance (Oven not intended for built-in installation)		
Top	5"	127 mm
Sides	2"	51 mm
ELECTRICAL SPECIFICATIONS-SINGLE PHASE		
Bullet US Model (ENC-9600-640-3OEM) - North America		 NEMA 6-30P
Voltage	208/240 VAC	
Frequency	60 Hz	
Current (Max Circuit Requirement)	30 amps (30 amps)	
Max Input (MW Input)	208: 5.99 kW (3.5 kW) 240: 6.675 kW (3.5 kW)	
Bullet UK Model - Europe/Asia		 IEC 309, 3-pin
Voltage	230 VAC	
Frequency	50 Hz	
Current (Max Circuit Requirement)	30 amps (30 amps)	
Max Input (MW Input)	6.7 kW (3.5 kW)	
Bullet BK Model - Brazil		 IEC 309, 3-pin
Voltage	220 VAC	
Frequency	60 Hz	
Current (Max Circuit Requirement)	30 amps (30 amps)	
Max Input (MW Input)	6.7 kW (3.5 kW)	
Bullet LA Model - Latin America		 NEMA 6-30P
Voltage	220 VAC	
Frequency	60 Hz	
Current (Max Circuit Requirement)	30 amps (30 amps)	
Max Input (MW Input)	6.7 kW (3.5 kW)	
Bullet JK Model 50 Hz - Japan JK Model 60 Hz - Japan		 NEMA L6-50, PSE, 3-blade
Voltage	220 VAC	
Frequency	50 or 60 Hz	
Current (Max Circuit Requirement)	30 amps (30 amps)	
Max Input (MW Input)	6.7 kW (3.5 kW)	

Bullet SK Model - Middle East		 IEC 309, 3-pin
Voltage	230 VAC	
Frequency	60 Hz	
Current (Max Circuit Requirement)	30 amps (30 amps)	
Max Input (MW Input)	6.7 kW (3.5 kW)	
ELECTRICAL SPECIFICATIONS-MULTI PHASE		
Bullet ED Model - Europe/Asia Delta		 IEC 309, 4-pin
Voltage	230 VAC	
Frequency	50 Hz	
Current (Max Circuit Requirement)	30 amps (30 amps)	
Max Input (MW Input)	6.7 kW (3.5 kW)	
Bullet EW Model - Europe/Asia Wye		 IEC 309, 5-pin
Voltage	400 VAC	
Frequency	50 Hz	
Current (Max Circuit Requirement)	16 amps (20 amps)	
Max Input (MW Input)	6.7 kW (3.5 kW)	
Bullet AU Model - Australia/New Zealand Wye		 Clipsal, 5-pin
Voltage	400 VAC	
Frequency	50 Hz	
Current (Max Circuit Requirement)	16 amps (20 amps)	
Max Input (MW Input)	6.7 kW (3.5 kW)	
Bullet JD Model 50 Hz - Japan Delta JD Model 60 Hz - Japan Delta		 NEMA L6-50, PSE, 4-blade
Voltage	200 VAC	
Frequency	50 or 60 Hz	
Current (Max Circuit Requirement)	30 amps (30 amps)	
Max Input (MW Input)	6.7 kW (3.5 kW)	
Bullet KW Model - Korea Wye SW Model - Middle East Wye		 IEC 309, 5-pin
Voltage	400 VAC	
Frequency	60 Hz	
Current (Max Circuit Requirement)	16 amps (20 amps)	
Max Input (MW Input)	6.7 kW (3.5 kW)	
Bullet SD Model - Middle East Delta		 IEC 309, 4-pin
Voltage	230 VAC	
Frequency	60 Hz	
Current (Max Circuit Requirement)	30 amps (30 amps)	
Max Input (MW Input)	6.7 kW (3.5 kW)	
Bullet BD Model - Brazil Delta		 IEC 309, 4-pin
Voltage	220 VAC	
Frequency	60 Hz	
Current (Max Circuit Requirement)	30 amps (30 amps)	
Max Input (MW Input)	6.7 kW (3.5 kW)	
SHIPPING INFORMATION		
U.S.: All ovens shipped within the U.S. are packaged in a double-wall corrugated box banded to a wooden skid. International: All International ovens shipped via Air or Less than Container Loads are packaged in wooden crates.		
Box size: 33.8" x 26.3" x 26.3" (859 mm x 668 mm x 668 mm) Crate size: 40" x 36" x 35" (1016 mm x 914 mm x 889 mm) Item class: 85 NMFC #26770 HS code 8419.81		
Approximate boxed weight: 226 lb. (103 kg) Approximate crated weight: 301 lb. (137 kg)		
Minimum entry clearance required for box: 26.3" (668 mm) Minimum entry clearance required for crate: 35.5" (902 mm)		

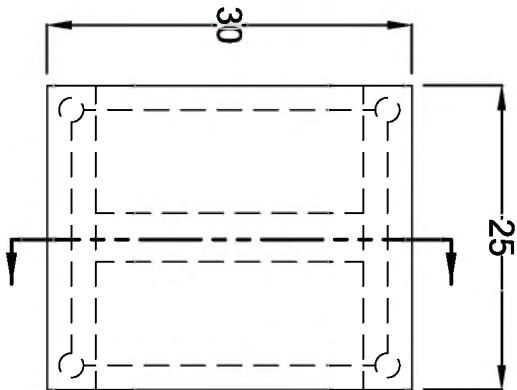
TurboChef Global Operations

2801 Trade Center Drive / Carrollton, Texas 75007 USA
 US: 800.90TURBO (800.908.8726) / International: +1 214.379.6000
 Fax: +1 214.379.6073 / www.turbochef.com

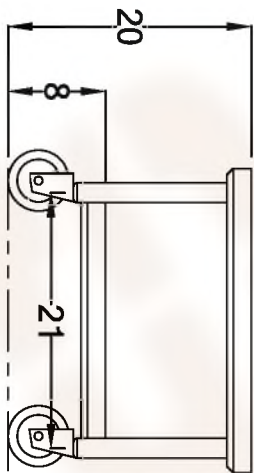
⚠ TurboChef requires installing a type D circuit breaker for all installations.

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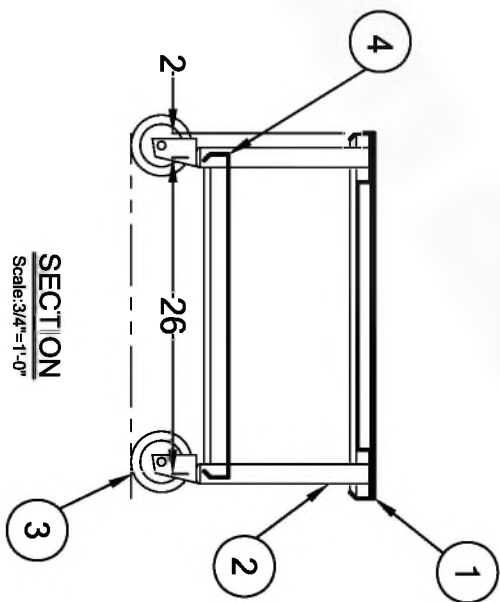


TOP VIEW
Scale: 3/4"=1'-0"



FRONT VIEW
Scale: 3/4"=1'-0"

1	TOP, 14 GA 304 SERIES SS
2	Ø1-5/8" OD SS LEGS
3	(4) 5" CASTERS W/ LOCKS
4	UNDERSHELF, 18 GA 301 SERIES SS



SECTION
Scale: 3/4"=1'-0"



SPG INTERNATIONAL, LLC
14002 E. 33rd PLACE
AURORA, CO 80011
Phone: 303.375.1511
Fax: 303.375.1626
www.spgusa.com

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ATTENTION: This drawing is the only document that defines this item. No P.O. verbal or written document will be considered. You are fully responsible for all dimensions.

All dimensions are in inches.
Tolerances:
(Unless Otherwise Specified)
X ± .2
XX ± .12
XXX ± .062
Fractions: ± 1/4
Angles: ± 2°

DRAWING STATUS	<input type="checkbox"/> APPROVED	<input type="checkbox"/> APPROVED AS NOTED	<input type="checkbox"/> REVISE & RESUBMIT	BY: _____	DATE: _____	CAT #:
CUSTOMER: DUNKIN BRANDS						
PROJECT: _____						
MODEL #: DD-26SLS-3020-C						
DESCRIPTION: TABLE, PREP, 25x30x20, 16GA, SST, US, CASTERS						
ITEM #: _____						
QTY: _____						
DWG BY: BLS						
DATE: 11/28/12						
DWG #: DD-25SLS-3020-C						
REV: _____						
SHEET: 1 OF 1						



Project _____
 Item # _____
 Quantity _____

Intelligent Toast-Qwik®

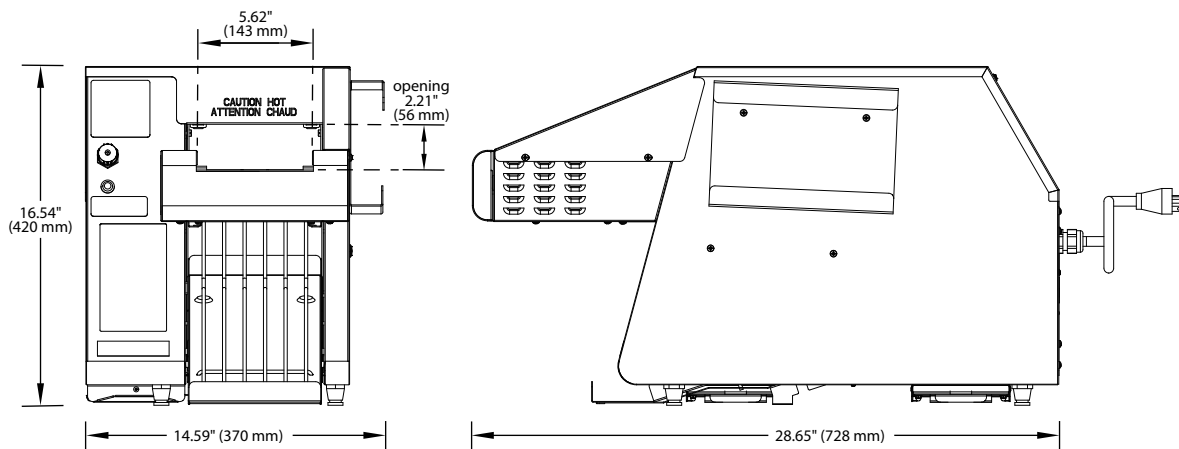
Model: ITQ-875-1C

Standard Features

- NEW narrow design helps to fit into smaller areas and conserve countertop space
- USB port located on the front allows for easy transfer of information such as program changes and product usage data
- LCD Display and touch pad
- Filtered air inlet
- Easy to clean, with removable crumb tray and collector ramp
- There is minimal operator maintenance required, with self cleaning elements and no maintenance motor and conveyor drive



ITQ-875-1C



SPECIFICATIONS Intelligent Toast-Qwik®

Model	Dimensions (W x D x H)	Volts	Watts	Amps	Capacity per minute†	Plug	Shipping Weight
ITQ-875-1C	14.59" x 28.65" x 16.54" (370 x 728 x 420 mm)	208	2700	13.0	15	NEMA 6-20P or NEMA L6-20P	86 lbs. (39 kg)
		240	2700	11.3	15	NEMA 6-20P or NEMA L6-20P	86 lbs. (39 kg)

† Toasting capacity may vary by product. Toasting of coated products not recommended.

Cord location:

Middle right on back of unit.

Plug Configurations:

NEMA 6-20P

NEMA L6-20P



HATCO CORPORATION | P.O. Box 340500 Milwaukee, WI 53234-0500 U.S.A. | (800) 558-0607 | (414) 671-6350
 Fax: (800) 543-7521 | Int'l. Fax: (414) 671-3976 | www.hatcocorp.com | equipsales@hatcocorp.com | intlsales@hatcocorp.com



18" Expediter Station

Custom Model Number

- DBES18 - Expediter Station - For Left or Right Flow Layouts



DBES18

Standard Features

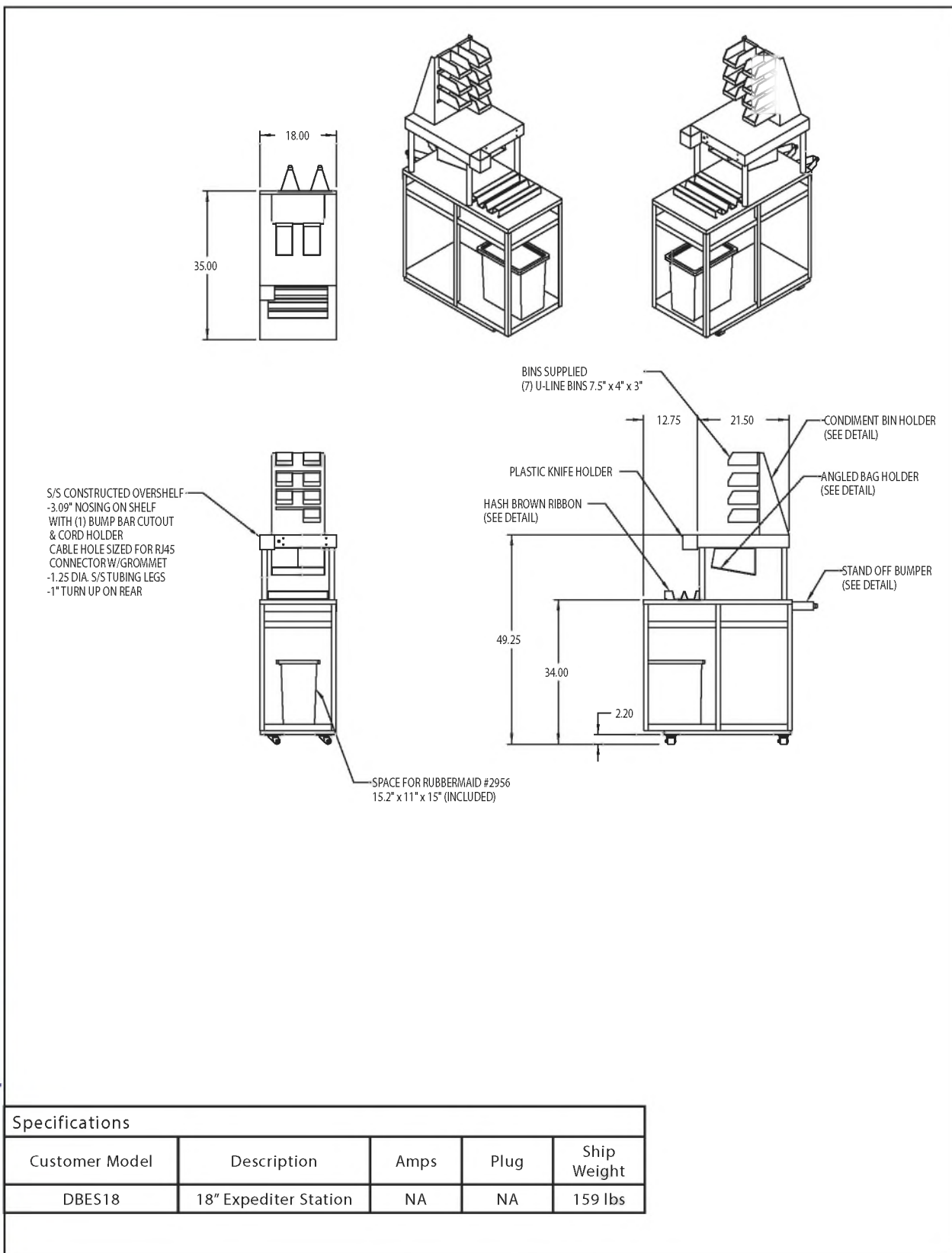
- 18" station
- All welded stainless steel construction including work top and shelf
- Hash brown bag holder to sit on counter top with rubber feet
- Condiment rack to accommodate Uline bins included
- Shelf for storage
- Includes plastic trash container
- Standoff bumpers on back
- Locking casters
- ADA compliant 34" work height
- All components to wheel thru a 36" opening on installed casters
- Stainless steel overshef
 - Predrilled for bump bar
 - Holder and chase for bump bar cables
 - 2 bays for brown paper bags

Specifications

Stainless steel base constructed of 18-gauge welded stainless steel top with integral 1" square nosing on front.



18" Expditer Station



Specifications				
Customer Model	Description	Amps	Plug	Ship Weight
DBES18	18" Expditer Station	NA	NA	159 lbs

Delfield reserves the right to make changes to the design or specifications without prior notice.



PART NO. MMDD4TAPV2

INSTALLATION GUIDE & SPECIFICATION SHEET

DUNKIN' BEVERAGE DISPENSER




SAFETY FIRST!

**READ INSTRUCTIONS
COMPLETELY**

Before getting started
please read this user
manual and at all times
follow the important
safety instructions.

SPECIFICATIONS

PART NO.	DESCRIPTION	BEVERAGE PACKAGE	SHIPPING WEIGHT
 MMDD4TAPV2	Dunkin' Donuts® Beverage Dispenser	Dunkin' Donuts® Shuttle	385 kg 850 lbs

OPERATING PERFORMANCE

Condenser HP	1/6 HP	Running Amps	8.35A
Ambient Temperature	45° - 100°F	Voltage	115/60/1
Inlet Water Temperature	45° - 90°F	Plug Type	NEMA-5-15P
Inlet Water Pressure	30-50 psi	Cord Length	8'
Charge	6.35 oz	Refrigerant	R-134a

Exterior	18 gauge 201 grade stainless steel (s/s) top, 22 gauge glass doors, 24 gauge steel front, sides and back. Front, sides, back and doors black vinyl over steel.
Interior	20 gauge stainless steel floor and walls, rugged false floor, reinforced frame.
Ventilation	Front breathing for cooling and exhaust.
Plumbing	Automatic condensate evaporator, no drain connection required. Evaporator condensate has been plumbed to a condensate pan located in the compressor housing. THIS EQUIPMENT IS TO BE INSTALLED WITH ADEQUATE BACKFLOW PROTECTION TO COMPLY WITH APPLICABLE FEDERAL, STATE AND LOCAL CODES.
Insulation	Foamed-in-place using high density, CFC-free polyurethane; 2" top, walls and floor.
Accessories	Castors.
Shuttle Liquid Temp	40°F Max, higher temps will result in insufficient gas infusion
Compressed Air System Regulator Pressure	30 psi
Thermostat Set Point	33°F



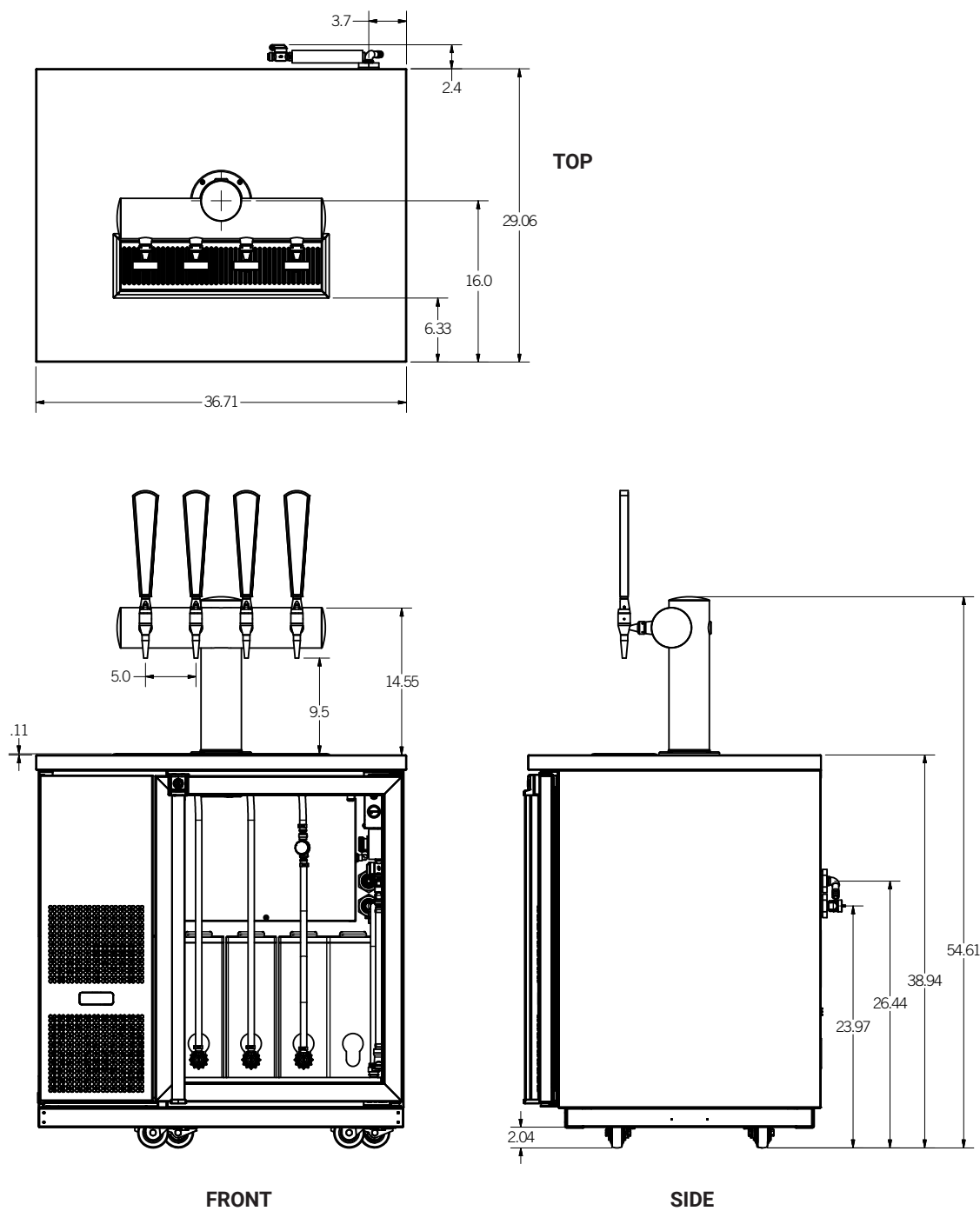
TROUBLESHOOTING

Do not make adjustments to the unit unless you are authorized to do so. If uncertain, unqualified or uncomfortable performing any of the steps outlined in the above Solution(s) column of the troubleshooting guide below, call customer support immediately for assistance.

PROBLEM	POSSIBLE CAUSE(S)	SOLUTION
NOTHING OR ONLY WATER FLOWING FROM FAUCET	Shuttle is empty	See General Operation to determine how to properly change a Shuttle
	Shuttle fitting is not attached properly	Unscrew Shuttle fitting and screw back on properly
	Product Shut Off is in the closed position	Open Product Shut Off
	Air Compressor Shut Off is in the closed position	Open Air Compressor Shut Off
LIQUID LEAK	Water Shut Off is in the closed position	Open Water Shut Off
	Loose /bad plumbing connection(s), faulty part(s), loose faucet(s)	<p>If leak is large and causing flooding, immediately shut OFF the in-line water valve, power the unit off, and unplug it from the outlet. Then, call customer support to report the issue.</p> <p>If a leak is minor and not an emergency, inspect the connection on the back of the unit and assure that the nose cones on the faucets are tight. If the issue cannot be identified and resolved in house, call customer support.</p>
GAS LEAK (HISSING SOUND)	Loose connection, severed line, or faulty part	Power down unit and call customer support
UNIT WON'T POWER ON	Ensure the unit is getting power	If it's not already, plug the unit in
	Check breaker panel to ensure that the circuit breaker is not "tripped"	Reset the circuit breaker to restore power to the unit. NOTE: If the breaker trips again after being reset, review the electrical requirements listed in the specifications above and ensure that the circuit is capable of handling the load

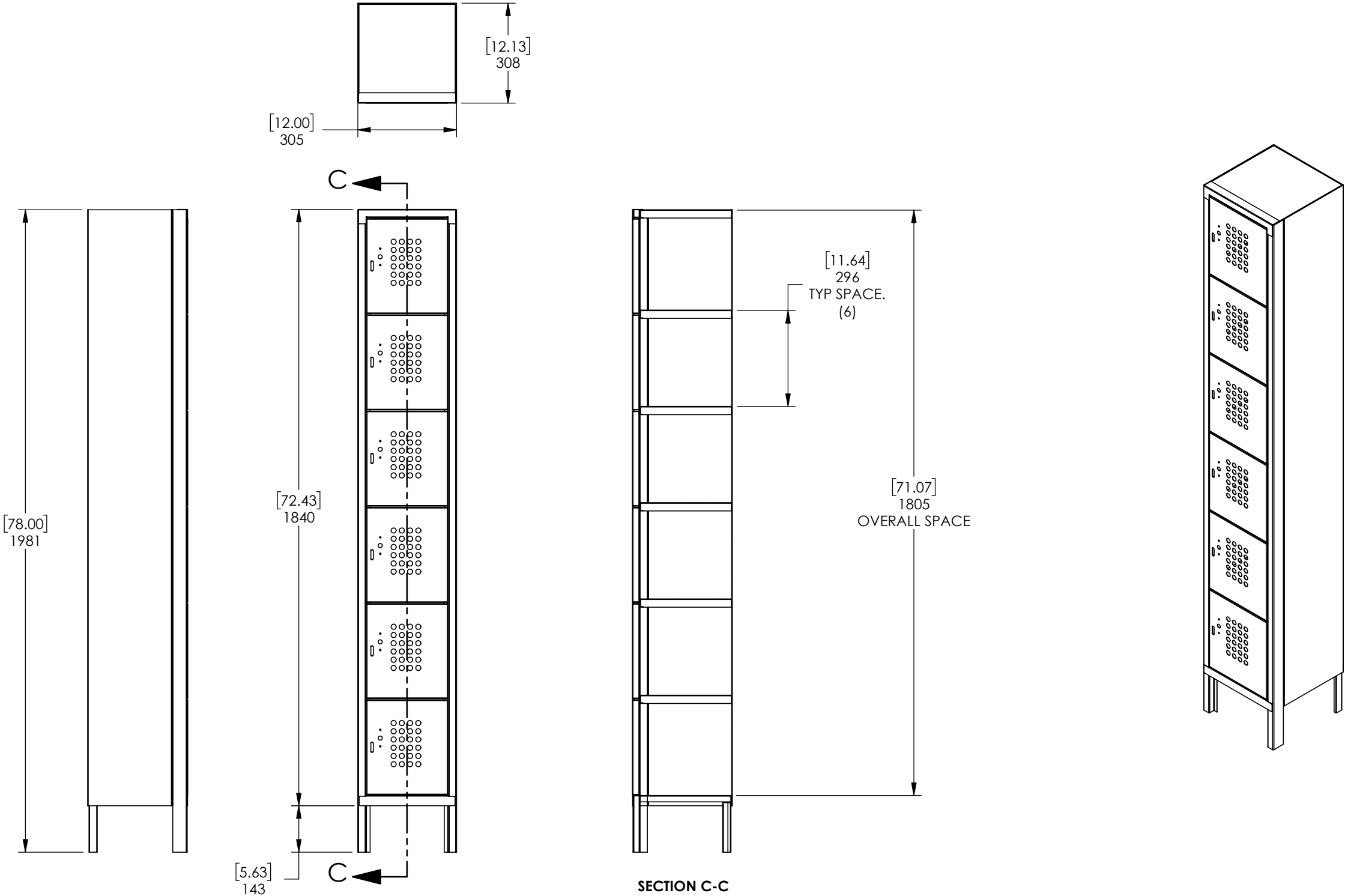
SPECIFICATIONS

DIMENSIONS



FOR MORE INFORMATION, TROUBLESHOOTING OR SERVICE PLEASE CALL SUPPORT AT (866) 327-4159

DRAWING FILE LOCATION	I:\ALUM RACKS\SW_CAD\ CP_000021_A01_ LOCKER COMPLETE	DRAWING NUMBER:
MODEL FILE LOCATION	I:\ALUM RACKS\SW_CAD\ CP_000021_A01_ LOCKER COMPLETE	CP_000021_A01



1	00000	11/13/2018	JC
REV.	ECN	DATE	APRD
REVISIONS			

**MIDDLEBY
FABRICATION**
THE MIDDLEBY CORPORATION
7400 SOUTH 28TH STREET
FORT SMITH, AR-72908
PH. 800-643-2980
FAX. 479-646-5517

UNLESS OTHERWISE SPECIFIED THE FOLLOWING TOLERANCES APPLY			
METRIC		INCH	
PRECISION	TOLERANCE	PRECISION	TOLERANCE
X	± 1.0	.X	± 0.06
.X	± 0.5	.XX	± 0.03
.XX	± 0.25	.XXX	± 0.02
ANGLES ± 2°		ANGLES ± 2°	

DRAWING TITLE:			
EMPLOYEE LOCKER 12"D X 12"W X 12"H- 6 TIER			
OVER ALL DIMENSIONS 12"D X12"W X78"H			
MATERIAL: AS SPECIFIED		WEIGHT: (lbs)	PART NUMBER:
FINISH: TAN_ POWDER COAT			DD006402
		SALES ORDER NO.	ECO/REV NO.
			1

DRAWN BY:	APRVD BY:	APRVD DATE:
JC		
SIZE	SHEET:	SCALE:
B	1 of 1	1:14
		STORE NO.



D409F

B222S, B230P, B322S, B330P, B530P/S, B842S, B948S – Storage Bins

B222S, B230P, B322S, B330P, B530P/S, B842S, B948S – Storage Bins

Modular Storage Bins



B530S shown with optional KLP8S legs

Features

New sleek, contemporary styling. A perfect match to Prodigy cube ice machines and other Scotsman ice machines.

Convenient, built-in scoop holder.*

Scoop incorporates antimicrobial Agion® for better sanitation.

Easily removable baffle, no tools required for cleaning.*

Unique recessed drain fitting for maximum installation flexibility.

Spring loaded door with hidden hinges for easy opening and closing.*

Available in stainless steel or durable rotocast plastic.

AHRI, NSF certified.

* except for B230P

Storage Capacity

B222S		B322S		B230P		B330P	
APPLICATION Capacity lb/kg	AHRI Capacity lb/kg	APPLICATION Capacity lb/kg	AHRI Capacity lb/kg	APPLICATION Capacity lb/kg	AHRI Capacity lb/kg	APPLICATION Capacity lb/kg	AHRI Capacity lb/kg
242/110	190/86	370/168	290/132	242/110	190/86	344/156	270/123

B530P/S		B842S		B948S	
APPLICATION Capacity lb/kg	AHRI Capacity lb/kg	APPLICATION Capacity lb/kg	AHRI Capacity lb/kg	APPLICATION Capacity lb/kg	AHRI Capacity lb/kg
536/244	420/191	778/353	610/277	893/406	700/319

Application capacity is based on 90% of total volume in the cubic feet x 34 lb/ft³
 AHRI capacity is based on 80% of total volume in cube feet x 30 lb/ft³



Nature's antimicrobial

Polyurethane Insulation

Foam insulation is forced between the wall and liner under heat and pressure to form a perfect wall to wall bond, preserving ice supply for long periods.

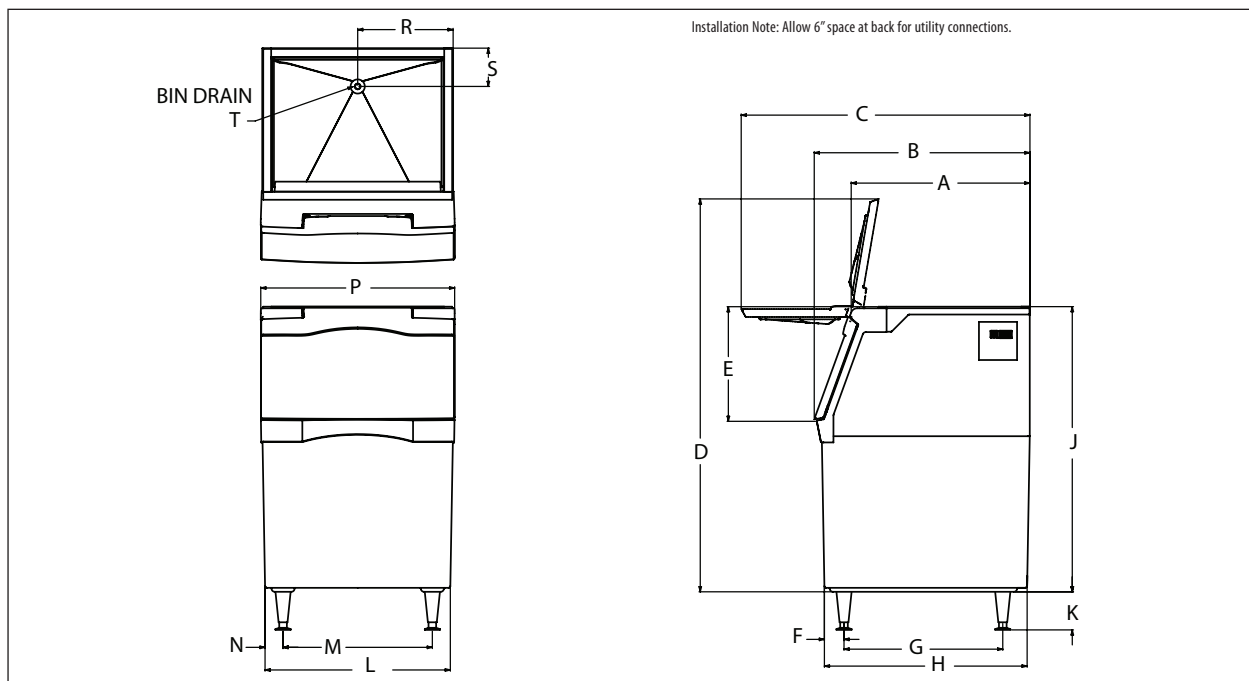
Bin Interior

The polyethylene bin interior is sanitary and easy to clean. Resists scratches and scuffs from ice scoops.

Warranty

• 3 years parts and labor on all components.

Warranty valid in North, South & Central America. Contact factory for warranty in other regions.



Dimensions

Model #	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T
B222S	28.23	34	45.5	47.24	18	3.88	25	32.75	31	6	22	15.5	3.25	22.5	11	6	.75 NPT
B230P	26.75	32	37.5	32.75	10	2.25	26.5	31.00	28	6	30	25.5	2.25	30.63	15	2	.75 NPT
B322S	28.23	34	45.5	61.24	18	3.88	25	32.75	44	6	22	15.5	3.25	22.5	11	6	.75 NPT
B330P	28.15	34	45.5	47.24	18	3.33	25	32.42	31	6	30	23.5	3.08	30.5	15	6	.75 NPT
B530P/S	28.15	34	45.5	61.24	18	3.09	25	31.93	44	6	30	23.5	2.83	30.5	15	6	.75 NPT
B842S	28.07	34	45.5	61.87	18	3.88	25	32.75	44	6	42	35.5	3.25	42.5	21	6	.75 NPT
B948S	28.05	34	45.5	61.24	18	3.88	25	32.75	44	6	48	41.5	3.25	48.5	24	6	.75 NPT

Finish: S = Stainless Steel, P = Poly

Overall Dimensions

Model #	Unit* (W x D x H)
B222S	22" x 34" x 31"
B230P	30" x 31" x 28"
B322S	22" x 34" x 44"
B330P	30" x 34" x 31"
B530P	30" x 34" x 44"
B530S	30" x 34" x 44"
B842S	42" x 34" x 44"
B948S	48" x 34" x 44"

*Add 6" (15.2 cm) height for legs.

Shipping

Model #	Carton (W x D x H)	Weight (lb/kg)
B222S	24" x 36" x 35"	120 / 55
B230P	32" x 36" x 32"	74 / 34
B322S	24" x 36" x 47"	140 / 64
B330P	32" x 36" x 33"	90 / 41
B530P	32" x 36" x 47"	110 / 50
B530S	32" x 36" x 47"	150 / 68
B842S	44" x 36" x 47"	185 / 84
B948S	50" x 36" x 47"	220 / 100

Accessories*

Model #	Description
KBC1	Kit, Bin Casters for B530S, B842S, B948S & SB380.** Not for use with B222S, B322S or SB480 when using extensions.
KBC1P	Kit, Bin Casters for B330P & B530P.**
KLP7	Kit, Legs, 6", Flanged Feet, For B Bins, HD Dispensers, AFE, CU1/2/3 & NSE.
KLP8S	Kit, legs, 6", Stainless Steel, For B Bins, HD Dispensers, AFE, CU1/2/3 & NSE.
BGS10	Bagger, Hooks on Any Bin.
KBAG	Kit, Bags, 1000, For BGS10.
KSEALER	Kit, Tape Sealer, For BGS10.
KTAPE	Kit, Tape, 180 ft. Roll, For BGS10.
KHOLDER	Kit, Scoop Holder, Stainless Steel.

* None of the above listed accessories are available for use with the B230P bin.

**3.5" Diameter, 2 Locking, Raises Bin 4.5".

Specifications and design are subject to change without notice.

Scotsman Ice Systems
775 Corporate Woods Parkway
Vernon Hills, IL 60061

1-800-SCOTSMAN
Fax: 847-913-9844
E-mail: customer.service@scotsman-ice.com

www.scotsman-ice.com

Scotsman®

PRODIGY®
smart thinking

C0830 – 800 lb Cube Ice Machine

C0830 – 800 lb Cube Ice Machine

Prodigy® Modular Cube Ice Maker



Shown on B530S bin.

Features

Prodigy® cubers use **significantly less energy and water** than other cube ice machines, exceeding California and Federal energy efficiency regulations.

AutoAlert™ indicator lights constantly communicate about operating status and actually signal your staff when it's time to descale, sanitize, and more—making upkeep practically foolproof.

The patented **WaterSense adaptive purge control** delivers maximum reliability by reducing scale buildup for a longer time between cleanings.

Preventative maintenance is simpler than ever with easily-removed panels allowing clear access to internal components and a diagnostic code display insuring the right fix the first time. Reusable air filter is easily removable from the outside.

All external panel components are crafted for **optimal aesthetic appeal** through superior fit and finish.

An optional **advanced feature Smart-Board™** provides NAFEM data protocol and additional operational data that can be displayed on-screen or transmitted remotely, resulting in early alert and fast diagnosis of operating issues.

An optional **Vari-Smart™ ultrasonic ice level control** sensor allows you flexibility to program ice levels, for up to 7 days, keeping just the right amount of freshly made ice in the bin.

24 Hour Volume Production

Air Cooled			Remote			Water Cooled		
70°F/21°C 50°F/10°C lb/kg	Air Water	ARI 90°F/32°C 70°F/21°C lb/kg	70°F/21°C 50°F/10°C lb/kg	Air Water	ARI 90°F/32°C 70°F/21°C lb/kg	70°F/21°C 50°F/10°C lb/kg	Air Water	ARI 90°F/32°C 70°F/21°C lb/kg
905/411		724/329	870/395		780/355	924/420		832/378



Modular Bin Options

Model Number	Dimensions W" x D" x H"	ARI Certified Bin Capacity lb/kg	Application Capacity lb/kg	Finish	Ship Weight lb/kg
B530P	30 x 34 x 44	420/191	536/244	Poly	150/68
B530S	30 x 34 x 44	420/191	536/244	SS	150/68
B842S	42 x 34 x 44	610/277	778/353	SS	185/84



Bin: B530P

Cube Ice



Small Cube
7/8" x 7/8" x 3/8"
(2.22 x 2.22 x .95 cm)



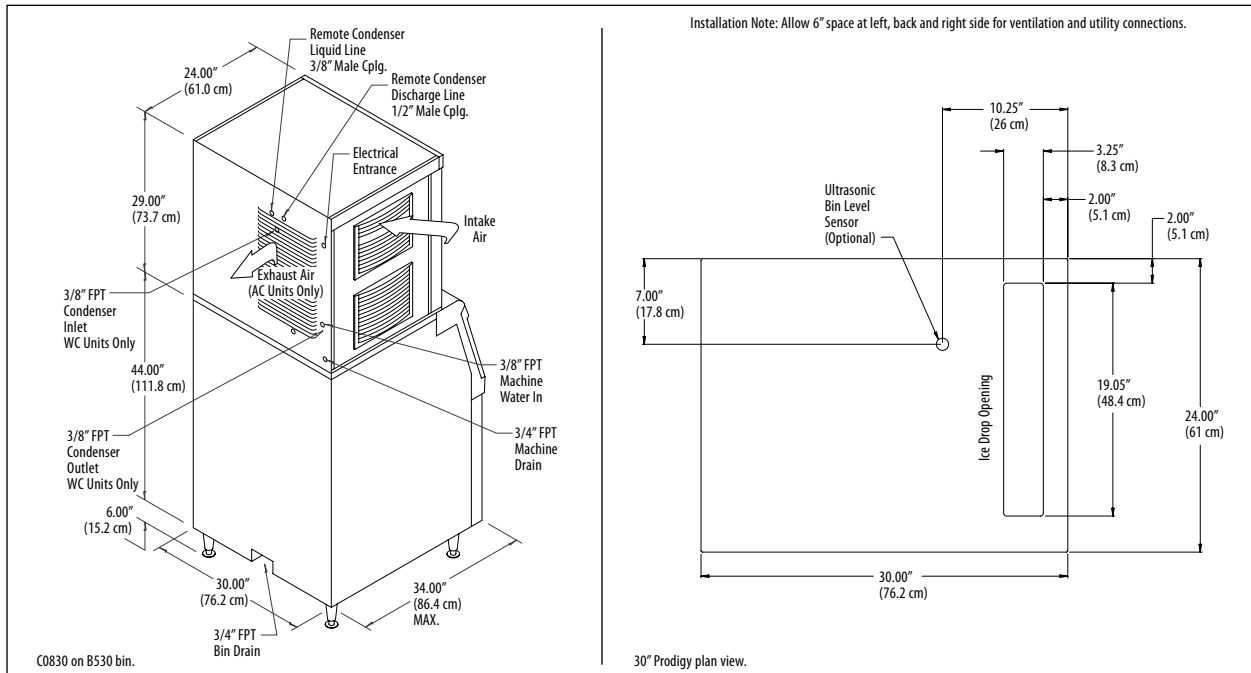
Medium Cube
7/8" x 7/8" x 7/8"
(2.22 x 2.22 x 2.22 cm)

Common ice form, ideal for mixed drinks.

Warranty

- 3 years parts and labor on all components.
- 5 years parts and labor on the evaporator.
- 5 years parts on the compressor and condenser.

Warranty valid in North, South & Central America.
Contact factory for warranty in other regions.



Specifications

Model Number*	Condenser Unit	Basic Electrical Volts/Hz/Phase	Max. Fuse Size or HACR Circuit Breaker (amps)	Circuit Wires	Min. Circuit Ampacity	Energy Consumption kWh/100 lb (45.4 kg) 90°F(32°C)/70°F(21°C)	Water Usage Gallons/100 lb (liters/45.4 kg)	
							Potable 90°F(32°C)/70°F(21°C)	Condenser 90°F(32°C)/70°F(21°C)
C0830MA-32A	Air	208-230/60/1	15	2	10.2	5.3	21.6/81.8	-
C0830MR-32A	Remote	208-230/60/1	15	2	10.0	4.7	18.4/69.8	-
C0830MW-32A	Water	208-230/60/1	15	2	9.0	4.0	18.9/71.7	136.0/515.7
C0830SA-32A	Air	208-230/60/1	15	2	10.2	5.3	21.6/81.8	-
C0830SR-32A	Remote	208-230/60/1	15	2	10.0	4.7	18.4/69.8	-
C0830SW-32A	Water	208-230/60/1	15	2	9.0	4.0	18.9/71.7	136.0/515.7

* 208-230/60/3 Voltage - Substitute "-3" in place of "-32", i.e. C0830SA-3A. = ENERGY STAR®

All Models

Dimensions (W x D x H):
Unit: 30" x 24" x 29"
(76.2 x 61.0 x 73.7 cm)

Shipping Carton: 33.5" x 27.5" x 34"
(85.1 x 69.9 x 86.4 cm)

Shipping Weight: 220 lb / 100 kg

BTUs per hour: 13,700

Accessories

Model Number	Description
KVS	Vari-Smart™ Ice Level Control - Program ice bin levels to match ice needs.
KSB	Smart-Board™ Advanced Control - Use additional operational data for fast diagnosis.
KSB-N	Smart-Board™ Advanced Control with Network - Network capable.
ERC311-32A	Remote Condenser for C0830xR, 208-230/60/1 - Consult Remote Condenser Spec Sheet for details.
RTE10	Line set, Precharged, R-404A, 10ft.
RTE25	Line set, Precharged, R-404A, 25ft.
RTE40	Line set, Precharged, R-404A, 40ft.
RTE75	Line set, Precharged, R-404A, 75ft.

* Scotsman recommends all ice machines have water filtration. See Scotsman Sanitation Matrix for details.

Operating Requirements

	Minimum	Maximum
Air Temperatures	50°F (10°C)	100°F (38°C)
Water Temperatures	40°F (4.4°C)	100°F (38°C)
Remote Cond. Temps	-20°F (-29°C)	120°F (49°C)
Water Pressures	20 PSIG (1.4 bar)	80 PSIG (5.5 bar)
Electrical Voltage	-5%	+10%

Specifications and design are subject to change without notice.

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Vernon Hills, IL 60061

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Fax: 847-913-9844
E-mail: customer.service@scotsman-ice.com

www.scotsman-ice.com



Item # _____

Job _____

METRO

Wire Shelving

SUPER ERECTA SHELF® WIRE SHELVING

- **Unique Design:** The open wire design of these shelves minimizes dust accumulation and allows free circulation of air, greater visibility of stored items and greater light penetration.
- **Durable Construction:** Super Erecta shelves and posts are constructed of heavy-gauge carbon steel or Type 304 stainless steel.
- **Choice of Finishes:** Super Erecta Brite™ and chrome-plated for dry storage; Metroseal 3™ with Microban® antimicrobial product protection and stainless steel for corrosive environments; and attractive epoxy color options for merchandising applications.
- **Versatile:** Super Erecta Shelf® wire shelving can adapt to your changing needs. By using various accessories, hundreds of shelving configurations become possible.
- **Fast, Secure Assembly:** SiteSelect™ Posts have a double groove visual guide feature every 8" (203mm), circular grooves at 1" (25mm) increments, and are numbered at 2" (50mm) intervals. A patented, tapered split sleeve snaps together around each post. Tapered openings in the shelf corners slide over the tapered split sleeves providing a positive lock. Shelf is assembled in minutes without the use of any special tools.
- **Adjustability:** Shelves can be adjusted at 1" (25mm) intervals along the entire length of the post.
- **Shelf Ribs:** Run front to back, allowing you to slide items on and off shelves smoothly.
- **Shelf Accessibility:** Shelves can be loaded/unloaded easily from all sides. This open construction allows maximum use of storage cube.
- **Adjustable Feet:** Bolt levelers compensate for surface irregularities.

Note: Stainless stationary posts are equipped with stainless steel leveling feet.



*MICROBAN® and the MICROBAN® symbol are registered trademarks of the Microban Products Company, Huntersville, NC.

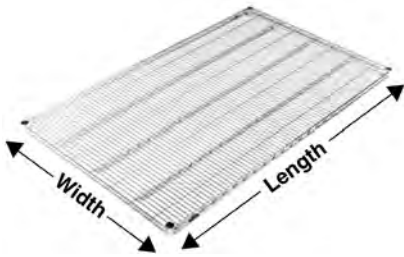


InterMetro Industries Corporation
North Washington Street
Wilkes-Barre, PA 18705
www.metro.com



10.01

Wire Shelves



Split Sleeve



**Aluminum
Split Sleeve**

- **Metroseal 3:** Metro's proprietary epoxy coating contains Microban® antimicrobial product protection. Microban antimicrobial protects the epoxy coating from bacteria, mold, mildew, and fungus that cause odors, stains, and product degradation.
- See spec sheet 10.14 for epoxy color options.
- Plastic split sleeves are included with each shelf
Replacements are available: Cat. No. 9985 (bag of 4)
- Aluminum split sleeves are recommended for abusive mobile applications and autoclave applications.
Cat. No. 9986Z (bag of 4 with zinc C-rings)
Cat. No. 9986S (bag of 4 with stainless steel C-rings)
- Load capacity (evenly distributed) per shelf
Depths: 14" to 24" (355 to 610mm)
800 lbs. (363kg) for lengths of 18" to 48" (457 to 1219mm)
600 lbs. (272kg) for lengths of 54" (1370mm) or longer
- Load capacity (evenly distributed) per unit.
Stationary shelving units have a maximum load capacity (evenly distributed) of 2,000 lbs. (907kg)
Mobile units have a maximum capacity of three times the caster load rating up to but not exceeding 1,000 lbs. (453kg) total. Consult the Metro catalog for caster load ratings
- SUPER ERECTA SHELF meets Government Specifications MIL-S-40144E.

Model No. Super Erecta Brite	Model No. Chrome	Model No. Metroseal 3 with Microban®	Model No. Stainless	Nominal Width/Length (in.) (mm)		Approx. Pkd. Wt. (lbs.) (kg)	
1424BR	1424NC	1424NK3	1424NS	14x24	355x610	6	2.7
1430 BR	1430NC	1430NK3	1430NS	14x30	355x760	7	3.2
1436BR	1436NC	1436NK3	1436NS	14x36	355x914	8	3.6
1442BR	1442NC	1442NK3	1442NS	14x42	355x1066	9½	4.3
1448BR	1448NC	1448NK3	1448NS	14x48	355x1219	10½	4.7
1460BR	1460NC	1460NK3	1460NS	14x60	355x1524	14	6.3
1472BR	1472NC	1472NK3	1472NS	14x72	355x1829	17	7.7
1824BR	1824NC	1824NK3	1824NS	18x24	457x610	7	3.2
1830BR	1830NC	1830NK3	1830NS	18x30	457x760	8	3.6
1836BR	1836NC	1836NK3	1836NS	18x36	457x914	9½	4.3
1842BR	1842NC	1842NK3	1842NS	18x42	457x1066	11	5.0
1848BR	1848NC	1848NK3	1848NS	18x48	457x1219	12	5.4
1854BR	1854NC	1854NK3	1854NS	18x54	457x1370	14½	6.6
1860BR	1860NC	1860NK3	1860NS	18x60	457x1524	17	7.7
1872BR	1872NC	1872NK3	1872NS	18x72	457x1829	20	9.1
2124BR	2124NC	2124NK3	2124NS	21x24	530x610	8	3.6
2130BR	2130NC	2130NK3	2130NS	21x30	530x760	9	4.1
2136BR	2136NC	2136NK3	2136NS	21x36	530x914	11	5.0
2142BR	2142NC	2142NK3	2142NS	21x42	530x1066	12	5.4
2148BR	2148NC	2148NK3	2148NS	21x48	530x1219	14	6.4
2154BR	2154NC	2154NK3	2154NS	21x54	530x1370	16	7.3
2160BR	2160NC	2160NK3	2160NS	21x60	530x1524	18	8.2
2172BR	2172NC	2172NK3	2172NS	21x72	530x1829	24	10.9
2424BR	2424NC	2424NK3	2424NS	24x24	610x610	9	4.1
2430BR	2430NC	2430NK3	2430NS	24x30	610x760	11	5.0
2436BR	2436NC	2436NK3	2436NS	24x36	610x914	13	5.9
2442BR	2442NC	2442NK3	2442NS	24x42	610x1066	15	6.8
2448BR	2448NC	2448NK3	2448NS	24x48	610x1219	16	7.3
2454BR	2454NC	2454NK3	2454NS	24x54	610x1370	19	8.6
2460BR	2460NC	2460NK3	2460NS	24x60	610x1524	21	9.5
2472BR	2472NC	2472NK3	2472NS	24x72	610x1829	26	11.8

Note: 14" (355mm) deep units.

Free-standing units: Foot plates should be used and secured to the floor.

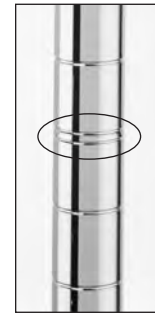
Mobile units: maximum allowable post height is 54" (1370mm).

SiteSelect™ Posts

Stationary Posts

Stationary posts are equipped with a leveling bolt to account for uneven floors.

- Height includes leveling bolt (completely tightened) and post cap. Leveling bolt can be adjusted 1/2" (13mm).
- Foot plates may be ordered separately and installed in place of leveling foot.
- Replacement leveling bolts
Zinc Cat. No. RPF04-004 Stainless Steel Cat. No. RPF04-004C
- Replacement post cap for standard posts
Black Cat. No. RPC06-035



SiteSelect Posts feature double grooves every 8" (203mm) to aid assembly.

Model No. Chrome	Model No. Metroseal 3 with Microban	Model No. Stainless Steel	Height		Approx. Pkd. Wt.	
			(in.)	(mm)	(lbs.)	(kg)
7P			7 ³ / ₈	187	1/2	0.3
13P	13PK3	13PS	14 ³ / ₈	365	1	0.5
27P		27PS	28 ³ / ₈	720	1 ³ / ₄	0.75
33P	33PK3	33PS	34 ³ / ₈	873	2	0.9
54P	54PK3	54PS	54 ⁷ / ₁₆	1382	3	1.4
63P	63PK3	63PS	62 ⁷ / ₁₆	1585	3 ¹ / ₂	1.6
74P	74PK3	74PS	74 ¹ / ₂	1892	4	1.8
86P	86PK3	86PS	86 ¹ / ₂	2197	5	2.3
*96P			96 ¹ / ₂	2450	5 ¹ / ₂	2.5

*96P should not be used on units less than 24" (610mm) deep. Consult Metro Engineering for alternate recommendations.

Mobile Posts (For use with Stem Casters)

- Height includes post cap.

Model No. Chrome	Model No. Metroseal 3 with Microban	Model No. Stainless Steel	Height		Approx. Pkd. Wt.	
			(in.)	(mm)	(lbs.)	(kg)
27UP		27UPS	27 ³ / ₄	704	1 ³ / ₄	0.75
33UP	33UPK3	33UPS	33 ³ / ₄	857	2	0.9
54UP	54UPK3	54UPS	53 ¹³ / ₁₆	1366	3	1.4
63UP	63UPK3	63UPS	61 ¹³ / ₁₆	1570	3 ¹ / ₂	1.6
	70UPK3		69 ³ / ₄	1771	3 ³ / ₄	1.7
74UP	74UPK3	74UPS	73 ⁷ / ₈	1876	4	1.8
86UP	86UPK3	86UPS	85 ⁷ / ₈	2181	4 ¹ / ₂	2.0

Staked Posts (For use with Truck Dollies)

- Each post connects to the truck dolly through the stem receptacle. The stem receptacle is staked into the bottom of the post to ensure a durable connection in abusive mobile applications.
- Each includes a leveling/connecting bolt.

Model No. Chrome	Model No. Stainless Steel	Height		Approx. Pkd. Wt.	
		(in.)	(mm)	(lbs.)	(kg)
54P-STKD	54PS-STKD	54 ⁷ / ₁₆	1382	3	1.4
63P-STKD	63PS-STKD	62 ⁷ / ₁₆	1585	3 ¹ / ₂	1.6
74P-STKD	74PS-STKD	74 ¹ / ₂	1892	4	1.8

Swedged Posts (For use with Stem Casters in Cart Wash Applications)

- Each post has an aluminum cap swedged into the top of the post.

Model No. Stainless Steel	Height		Approx. Pkd. Wt.	
	(in.)	(mm)	(lbs.)	(kg)
33UPS-SW	33 ³ / ₄	857	2	0.9
54UPS-SW	53 ¹³ / ₁₆	1366	3	1.4
63UPS-SW	61 ¹³ / ₁₆	1570	3 ¹ / ₂	1.6

Special Length Posts

Special length cut posts are available. Consult your Metro representative for more information.

Job _____

SUPER ERECTA SHELF® WIRE SHELVING



Super Wide Shelving

- **High-density Storage:** Super Wide™ shelves have a greater storage area for holding large quantities of supplies, especially large, bulky objects, providing maximum storage in minimum space.
- **Load Capacity** (evenly distributed) per shelf:
Depths: 30" and 36" (760 and 914mm)
600 lbs. (272kg) for lengths 48" (1219mm) or shorter.
400 lbs. (181kg) for lengths 54" (1370mm) or longer.



Model No. Chrome	Model No. Metroseal 3 with Microban	Model No. Stainless Steel	Nominal Width/Length (in.) (mm)		Approx. Pkd. Wt. (lbs.) (kg)	
3036NC	3036NK3	3036NS	30x36	760x914	15	6.8
3048NC	3048NK3	3048NS	30x48	760x1219	21	9.5
3060NC	3060NK3	3060NS	30x60	760x1524	26 1/2	11.8
3072NC	3072NK3	3072NS	30x72	760x1829	31	14.0
3636NC	3636NK3	3636NS	36x36	910x914	18	8.2
3648NC	3648NK3	3648NS	36x48	910x1219	23	10.4
3660NC	3660NK3	3660NS	36x60	910x1524	29	13.1
3672NC	3672NK3	3672NS	36x72	910x1829	34 1/2	15.4

Foot Plates

- Use to bolt units to the floor, or when a broader, more stable foot is desired. Foot plates also help to protect floors by distributing the point load of the shelving unit across a larger contact point.
- Foot plates (completely tightened) add 1/8" (3mm) to the specified heights of each stationary post on the table.
Zinc Cat. No. 9993Z
Stainless Steel Cat. No. 9993S



"S" Hook

- Used to add on shelving units with only two posts required. Order two per shelf level.
Cat. No. 9995Z



All Metro Catalog Sheets are available on our Web Site: www.metro.com



InterMetro Industries Corporation

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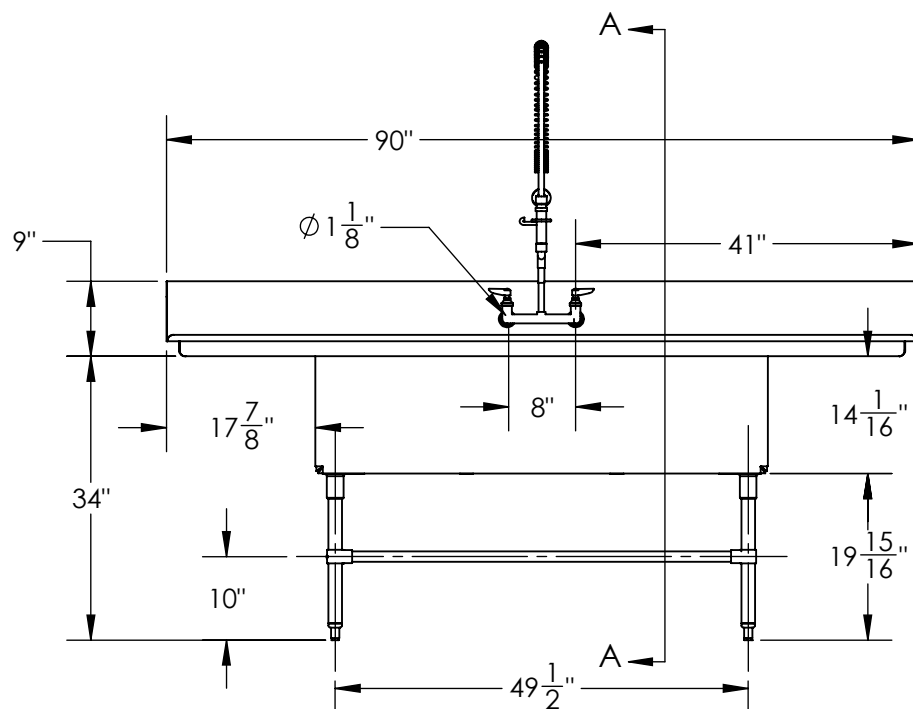
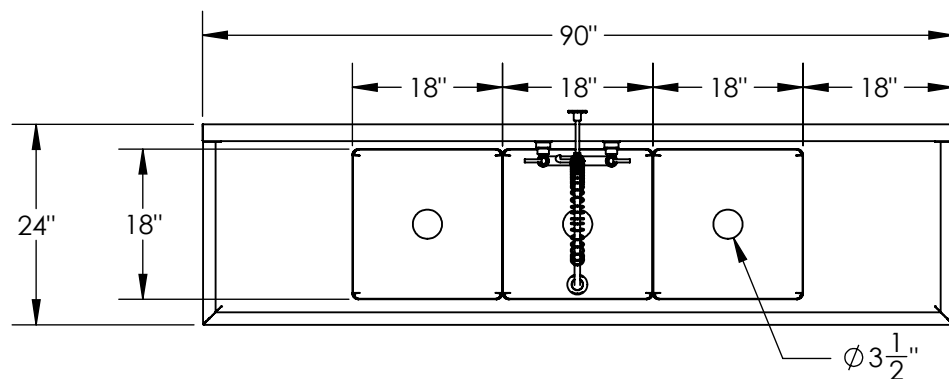
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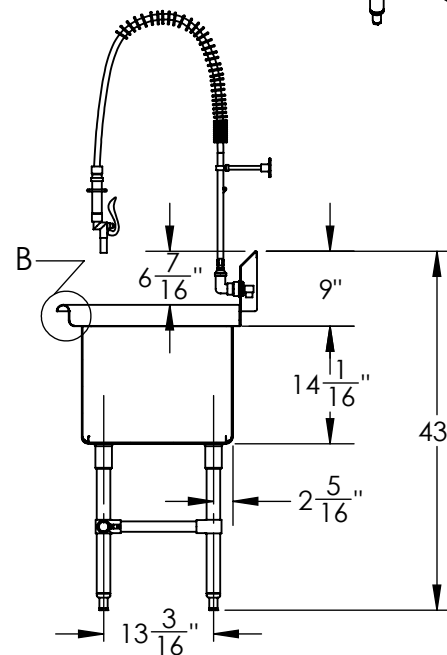
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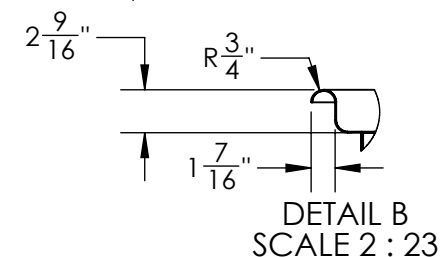
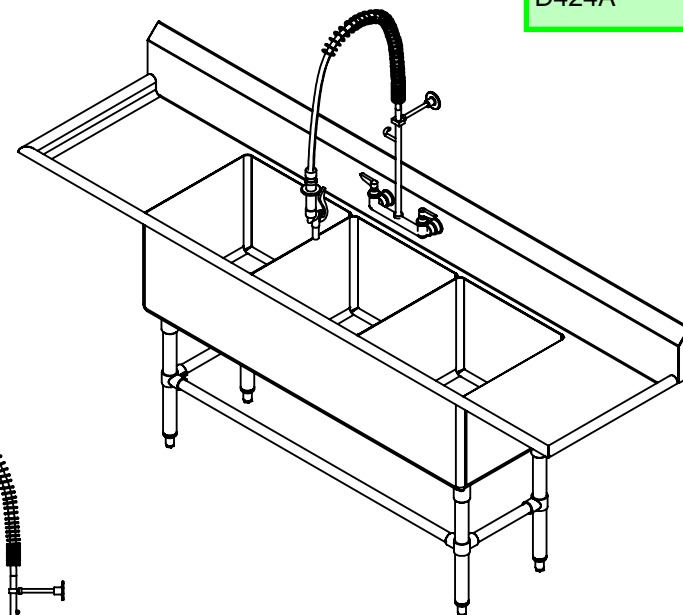


SINK ACCESSORIES SOLD SEPARATELY:

- B-0133-B PRERINSE ASSEMBLY- SS00133 (QTY-1)
- B-0156 ADD ON FAUCET- SS00156 (QTY-1)
- D50-7100 LEVER DRAIN -SS66518 (QTY-3)



SECTION A-A
SCALE 1 : 23



SINK SPECIFICATIONS:

- 16GA 304 S.S TOP
- 14GA 304 S.S SINK BOWL
- SINK BOWL- 18" X 18" X 14"
- 1 5/8" RD S.S TUBE LEGS
- 1 1/4" RD S.S TUBE CROSS BRACE
- ADJUSTABLE FOOT



REFERENCE JOB #: *
LOCATION: *
STORE #: *

DD3SNK90

3 COMP. SINK SPECIFICATION

DRAWN BY: Hi-Tech

DATE: 5/7/2021

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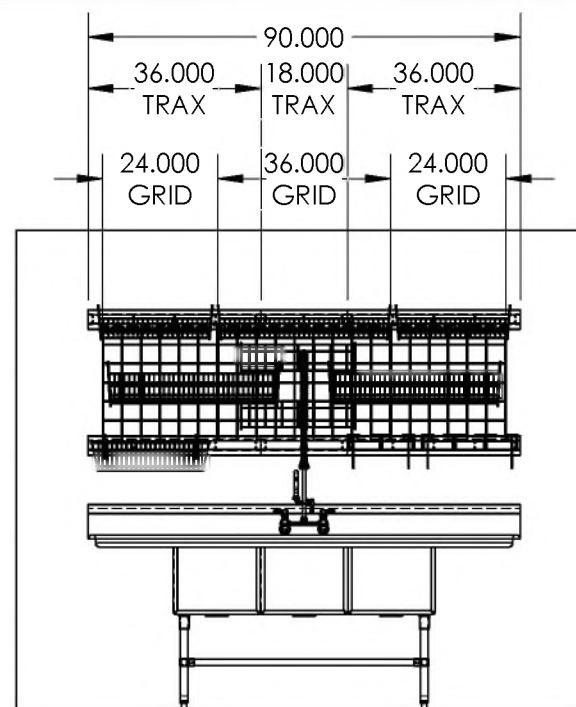
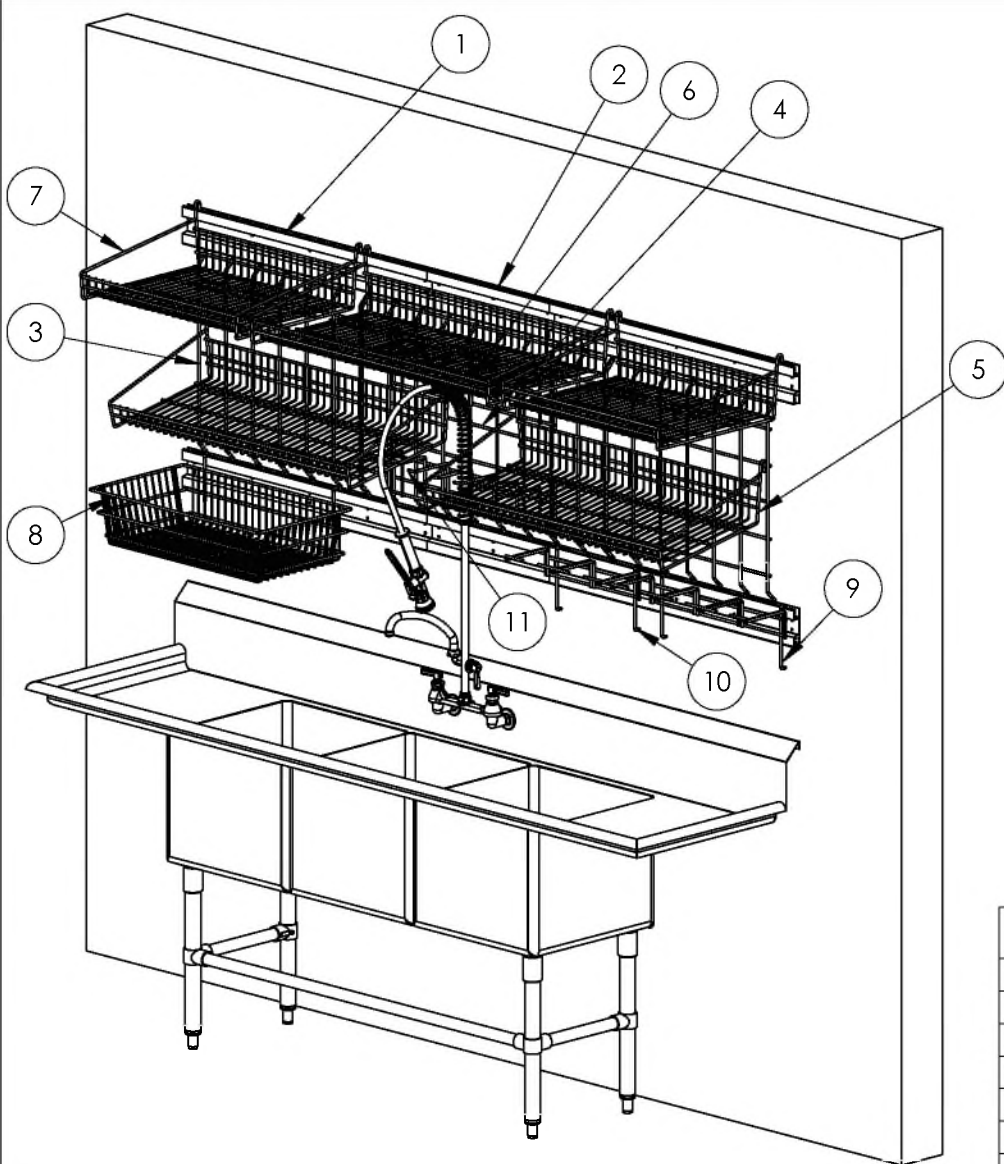
PAGE: 1 OF 1

REV	DESCRIPTION	DATE	DRAFTER
*	*	*	*



7400 SOUTH 28th STREET
FORT SMITH, AR 72908
PH. 800-643-2980
FAX. 479-646-5517

5/14/2021



FRONT VIEW
SCALE 1 : 40

D435A



RHS
SCALE 1 : 40

IMPORTANT NOTE:

1. THREE COMPARTMENT SINK SOLD SEPARATELY AS PART# BR002662.
2. PRE-RINSE FAUCET SOLD SEPARATELY AS PART# SS00133.
3. WALL FASTENERS TO BE PROVIDED BY GENERAL CONTRACTOR DUE TO DIFFERENT WALL TYPES.

LI#	QS PART#	DESCRIPTION	MATERIAL	QTY
1	QS00036T	WALL TRACK CHANNEL, 36"	ALUMINUM	4
2	QS00018T	WALL TRACK CHANNEL, 18"	ALUMINUM	2
3	QS2424GR	OFFSET GRID, 24"X24"	STEEL, COATED GRAY	2
4	QS2436GR	OFFSET GRID, 24"X36"	STEEL, COATED GRAY	1
5	QS1436SS	GRID SHELF SLANTED, 14"X36"	STEEL, COATED GREY	2
6	QS1836BL	GRID BASKET W/ LIP, 18"X36"	STEEL, COATED GREY	1
7	QS1824BL	GRID BASKET W/ LIP, 18"X24"	STEEL, COATED GREY	2
8	QS12246B	GRID BASKET, 12"X24"X6"	STEEL, COATED GREY	1
9	QS3000PH	COFFEE POT HOLDER, 3 POT	STEEL, COATED GREY	1
10	QS2000PH	COFFEE POT HOLDER, 2 POT	STEEL, COATED GREY	1
11	QS0024HK	HOOK, 24"	STEEL, COATED GREY	2

REFERENCE JOB #: *
LOCATION: *
STORE #: *

DD001435

DRAWN BY: TS
DATE: 11/30/2018
SCALE: 1:20
PAGE: 1 OF 1

**MIDDLEBY
FABRICATION**
THE MIDDLEBY CORPORATION

7400 SOUTH 28th STREET
FORT SMITH, AR 72908
PH. 800-643-2980
FAX. 479-646-5517

SINK TRAX WORKSTATION-90"

REV	DESCRIPTION	DATE	DRAFTER
*	*	*	*

10/28/2020

Delfield™

Coolscares™ Reach-In Refrigerator

- | | | | | | |
|-----------------------------------|-----------------------------------|------------------------------------|-----------------------------------|-----------------------------------|------------------------------------|
| <input type="checkbox"/> GCR1P-S | <input type="checkbox"/> GBR1P-S | <input type="checkbox"/> GBSR1P-S | <input type="checkbox"/> GCR2P-S | <input type="checkbox"/> GBR2P-S | <input type="checkbox"/> GBSR2P-S |
| <input type="checkbox"/> GCR1P-SH | <input type="checkbox"/> GBR1P-SH | <input type="checkbox"/> GBSR1P-SH | <input type="checkbox"/> GCR2P-SH | <input type="checkbox"/> GBR2P-SH | <input type="checkbox"/> GBSR2P-SH |
| <input type="checkbox"/> GCR3P-S | <input type="checkbox"/> GBR3P-S | <input type="checkbox"/> GBSR3P-S | <input type="checkbox"/> GCR3P-SH | <input type="checkbox"/> GBR3P-SH | <input type="checkbox"/> GBSR3P-SH |



GCR1P-SH



- GreenGenius™ R290 top mount refrigeration system featuring TXV expansion valve and hot gas condensate removal
- Digital exterior temperature display with high/low temp visual alarms
- Energy saving LED interior light
- Removable side louver
- Accommodates full size sheet pans
- Raised ABS interior door liner
- Gray epoxy coated shelves (3 per section) with shelf bridge
- Smart door hinge that auto closes up to 90° and stays open past 90°
- Integral door handle
- 180° door opening
- Energy efficient door gasket – removable without tools
- Locking doors
- 5" locking casters shipped loose for field installation
- 10' cord and plug attached

Standard Features of Series GC:

- Stainless steel exterior front
- Mill finish aluminum exterior sides
- Gray coated aluminum interior
- Anodized aluminum interior floor
- 5 position pin shelf support

Standard Features of Series GB/GBS:

- Stainless steel exterior front
- Stainless steel exterior sides
- Gray coated aluminum interior (Series GB)
- 200 series stainless steel interior (Series GBS)
- Stainless steel interior floor
- Field rehingable doors - full height doors only
- Stainless steel pilaster with shelf clips
- Vapor lock relief valve

Refrigeration system: All components are mounted to the top cabinet ceiling, outside the food zone and are assembled as one piece and can be removed as one piece. Environmentally friendly R290 refrigerant is used. System has the capability of maintaining between 33°F and 40°F in heavy use food service operations. Refrigerant is metered using a highly responsive thermostatic expansion valve. System is controlled using an electronic temperature control, which provides improved pull down times, reducing compressor cycling and longer compressor life with lower energy consumption. Control system uses adaptive defrost to assure evaporator coil is free of ice and operating at optimum efficiency. Evaporator condensate is eliminated using an energy efficient hot gas system.

Units are completely insulated with high density foamed in place environmentally friendly, Kyoto Protocol Compliant, Non ODP (Ozone Depletion Potential), Non GWP (Global Warming Potential) polyurethane.



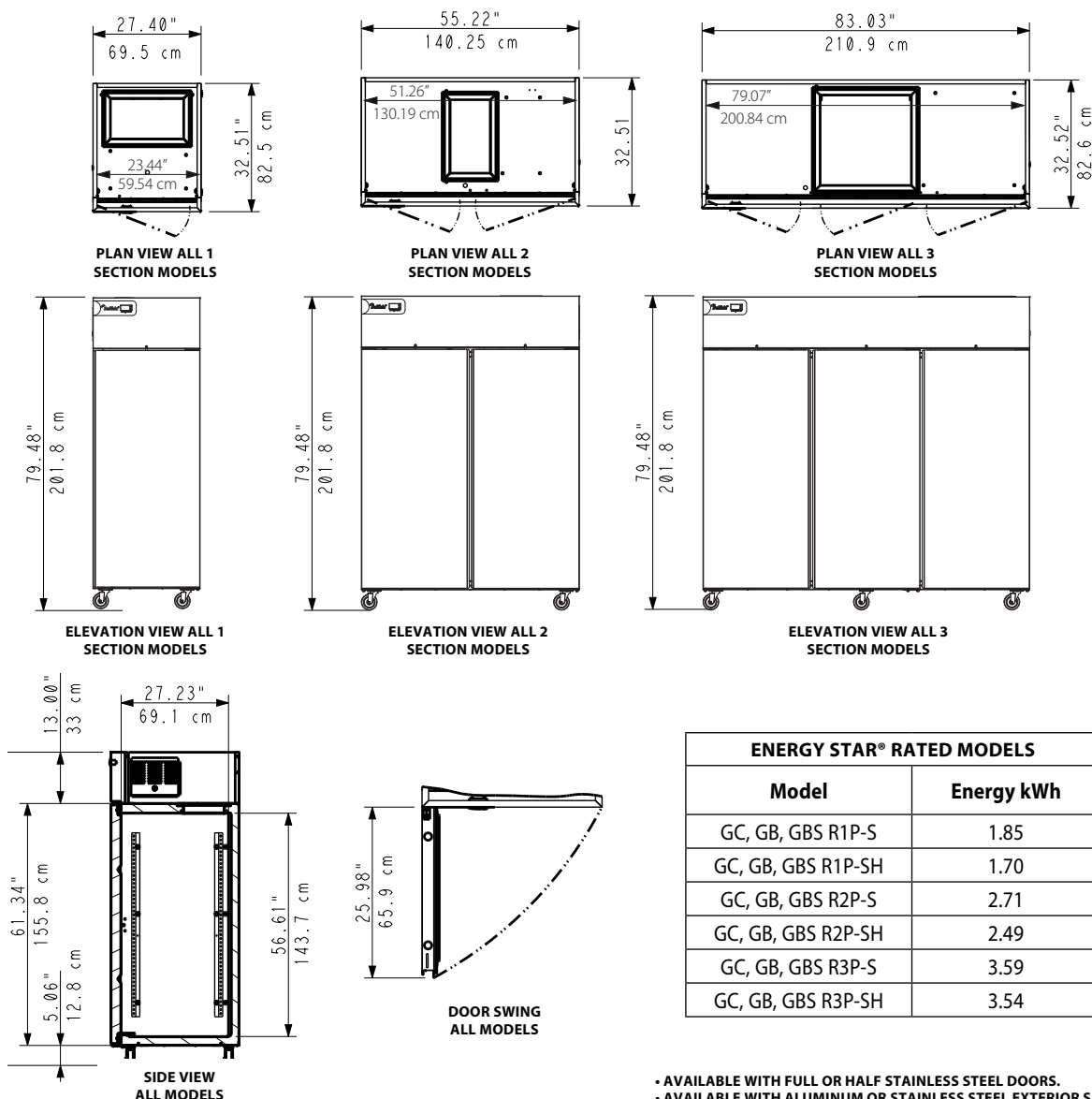
MODELS
LISTED
ON BACK



Delfield
www.delfield.com

Tel: 1.800.733.8948

Manitowoc
Foodservice



ENERGY STAR® RATED MODELS	
Model	Energy kWh
GC, GB, GBS R1P-S	1.85
GC, GB, GBS R1P-SH	1.70
GC, GB, GBS R2P-S	2.71
GC, GB, GBS R2P-SH	2.49
GC, GB, GBS R3P-S	3.59
GC, GB, GBS R3P-SH	3.54

- AVAILABLE WITH FULL OR HALF STAINLESS STEEL DOORS.
- AVAILABLE WITH ALUMINUM OR STAINLESS STEEL EXTERIOR SIDES.

Specifications

Description	Model	V/Hz/ph	Amps	# of Shelves	Volume	H.P.	Nema Plug	
1-section Refrigerator	GBSR1P-S(H)	115/60/1	4.2	3	21ft3/595L	.22	5-15P	351lbs/159kg
	GBR1P-S(H)							312lbs/142kg
	GCR1P-S(H)							282lbs/128kg
2-section Refrigerator	GBSR2P-S(H)	115/60/1	6.0	6	46ft3/1303L	.33	5-15P	495lbs/225kg
	GBR2P-S(H)							495lbs/225kg
	GCR2P-S(H)							430lbs/195kg
3-section Refrigerator	GBSR3P-S(H)	115/60/1	6.5	9	71ft3/2010L	.355	5-15P	767lbs/348kg
	GBR3P-S(H)							727lbs/330kg
	GCR3P-S(H)							668lbs/303kg



HYDROVECTION the only split door oven that combines steam and heat – built for the way you work.

ENERGY EFFICIENT

- Energy Star qualified
- Superwool Plus® insulation for greater heat retention
- Dual pane tempered glass doors with hinged inner glass for easy cleaning
- Positive seal door gasket system to retain heat and steam
- Preheat Logic – No need to preheat your oven an hour before use

POWERFUL

- 60,000 BTU in-shot burner system
- 4 speed infinitely adjustable reversible fan
- Hi volume steam for shiny bagels
- 4 pan capacity

BUILT LIKE A BLODGETT

- Fully welded angle iron frame
- Fully welded 316 stainless steel covered corner oven liner
- Split door design, no need for left or right hand configurations
- Heavy duty door hinge system bolted to fully welded frame
- Interior pans supports easily remove for cleaning
- Silicon gaskets are sremove-able without tools for easy replacement and cleaning
- Smart Touch intuitive control for ease of use
- USB Port for quick recipe updates
- Available in Gas or Electric



44 Lakeside Avenue, Burlington, VT 05401
 Phone: (802) 658-6600 Fax: (802) 864-0183
www.blodgett.com





HV-100E DOUBLE

Full-Size Electric Hydrovection Oven



HV-100E DOUBLE

Project _____

Item No. _____

Quantity _____

All data is shown per oven section, unless otherwise indicated.

Refer to operator manual specification chart for listed model names.

EXTERIOR CONSTRUCTION

- Fully welded angle-iron frame
- Stainless steel front, top, sides and back
- Simultaneous split door operation with catch-latch system
- Triple mounted door design with turnbuckle assembly
- Black glass doors with one piece curved handle
- Dual pane tempered viewing window with hinged inner glass for easy cleaning
- Modular slide out front control panel with major components for ease of service

INTERIOR CONSTRUCTION

- 316 stainless steel coved corner liner for easy cleaning
- Two halogen interior lights for superior visibility
- Drain in oven cavity
- Up to 2.5" of Superwool® Plus insulation for greater heat retention

OPERATION

- Smart Touch control programmed with Dunkin Donuts menu files
- Six tubular heater element design
- Hydrovection cook modes provide low or high humidity
- Hot air cook mode for baking and pastries
- One touch cooking
- Four speed auto-reversing fan motor for even bake
- Cavity vent control provides ability to release steam at the push of a switch
- Thermostatically controlled quench system, Eco-Friendly

STANDARD FEATURES

- 8-1/2" (216mm) stainless steel legs with casters (for double sections)
- 2 year parts and 2 year labor warranty

* For all international markets, contact your local distributor.



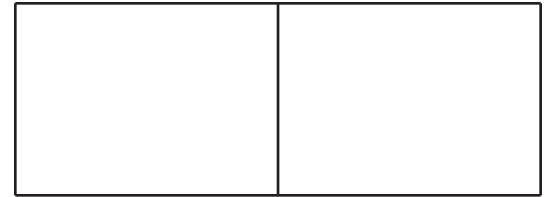
STATE OF
MASSACHUSETTS
P3-0413-492A

BLODGETT OVEN COMPANY

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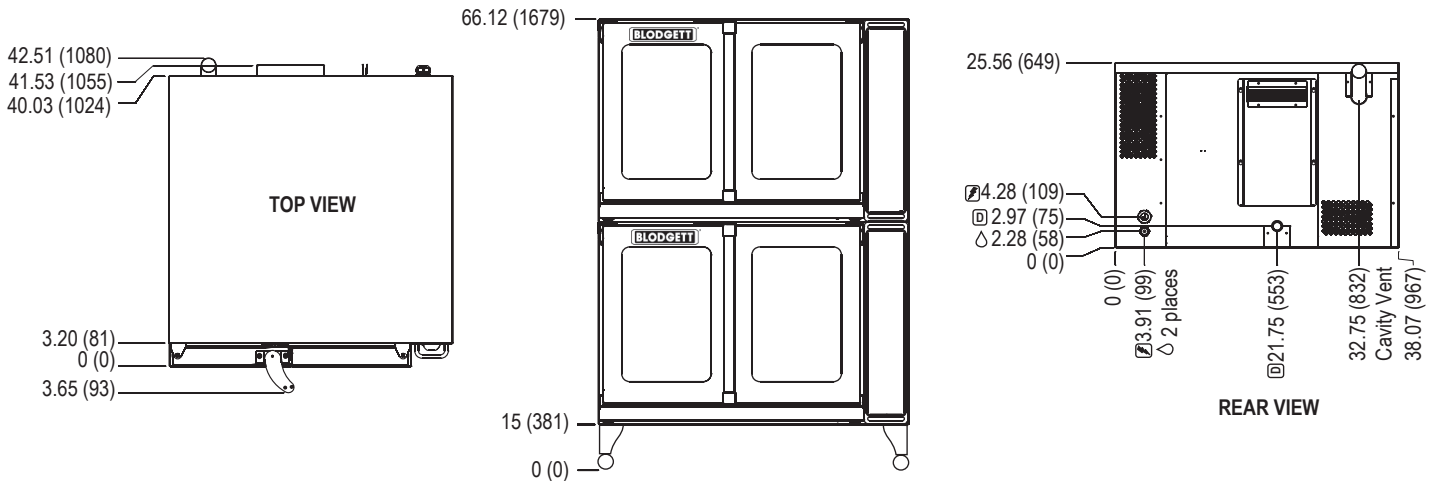


HV-100E DOUBLE



APPROVAL/STAMP

DIMENSIONS ARE IN INCHES (MM)



SHORT FORM SPECIFICATIONS Provide Blodgett full-size hydrovection oven model HV-100E double) compartment with fully welded angle iron frame. Each compartment shall have fully welded 316 stainless steel liner. Liner to be covered top and bottom. Unit shall accept four 18" x 26" standard full-size bake pans. Doors shall be triple mounted, black glass with dual pane thermal glass windows, curved handle and simultaneous operation. Unit shall be electrically heated by six tubular heaters. Air in baking chamber distributed by single inlet blower wheel powered by a four speed, auto-reversing, 3/4 HP motor with thermal overload protection. Each chamber shall be fitted with bright halogen lamps. Unit shall have Smart Touch control programmed with Dunkin Donuts menu files. Breaker shut off switch on front panel for easy service. 2 year parts and 2 year labor warranty. Provide options and accessories as indicated.

DIMENSIONS:

Floor space	38.07" (967mm) W x 40.03" (1024mm) D
Interior	29" (737mm) W x 20" (508mm) H x 23.43" (595mm) D
Product clearance from combustible and non-combustible construction	
Oven sides	0" (0mm) Blodgett recommends 4" clearance from any heat source on the control panel side of the oven, an optional heat shield should be considered
Oven back	6" (152mm)

WATER & DRAIN CONNECTION (per section):

1" NPT drain connection Maximum drain temperature 140°F (60°C)
3/4" NPT garden hose - cold water only
Appliance is to be installed with backflow protection in accordance with Federal, State or Local codes.

WATER SUPPLY (per section):

Good quality water feed is the responsibility of the owner. The use of water that is not within the following guidelines will void the warranty.

TDS: < 40-125 ppm Hardness: 35-100 ppm pH: 7.0 - 8.5 Silica: < 13 ppm
Chlorides: < 25 ppm Chlorine: 0 ppm 30(min)-50(max) PSI

The best defense against poor water quality is a water filter system designed to meet your water quality conditions. **Filtered water is highly advised.**

Water Consumption 2.5 - 3.0 GPH

MAXIMUM INPUT:

15kW per oven section

POWER SUPPLY:

V.A.C.	Hz	Phase	kW	Amperes (L1-L2-L3)
208	60	3	15	38/38/38
240	60	3	15	36/34/34
440	60	3	15	20/18/18
480	60	3	15	18/17/17

3/4 H.P., 3 phase motor

MINIMUM ENTRY CLEARANCE:

Uncrated	25.56" (649mm)
Crated	37-1/2" (953mm)

SHIPPING INFORMATION:

Approx. Weight

Per section 450 lbs. (204 kg)

Crate sizes

37-1/2" (952mm) x 43-1/2" (1105mm) x 51-3/4" (1315mm)
(2 crates required for double)

NOTE: The company reserves the right to make substitutions of components without prior notice

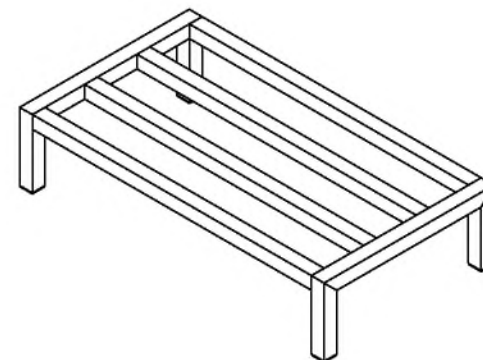
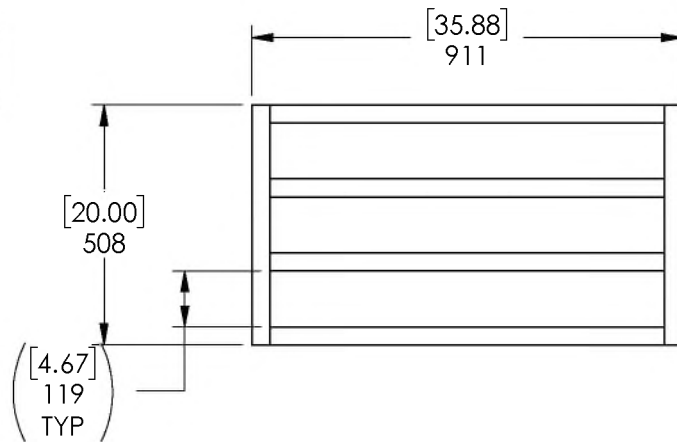
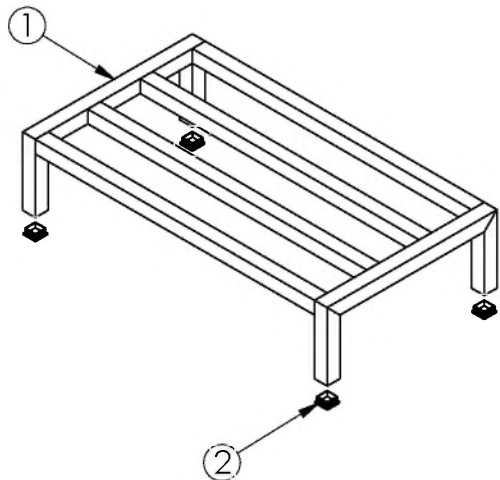
BLODGETT OVEN COMPANY

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1	00000	12/6/2018	JC
REV.	ECN	DATE	APRD
REVISIONS			

ITEM NO.	PART #	DESCRIPTION	QTY.	DWG NO
1	A00020290	WLD. FR; DUNNAGE RACK; STD; 36.00"X20.00"X8.00"	1	WF00023_A01
2	SS66905	1.50" SQUARE PLASTIC CAP W/ RIBS	4	CP_000020_P01

D541A



ALUMINUM RACKS NOTES:

1. INSTALL HARDWARE AS SHOWN.
2. CLEAN RACK PRIOR TO PACKING.
3. INSPECT TO THIS DRAWING ONLY.

REFERENCE JOB #: *
LOCATION: *
STORE #: *

DD036208

FREZER DUNNAGE RACK
36" X 20" X 8"

DRAWN BY: *

DATE: *

SCALE: 1:9

PAGE: 1 OF 1

REV	DESCRIPTION	DATE	DRAFTER
*	*	*	*

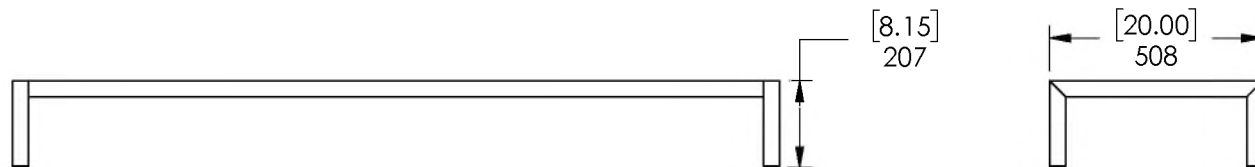
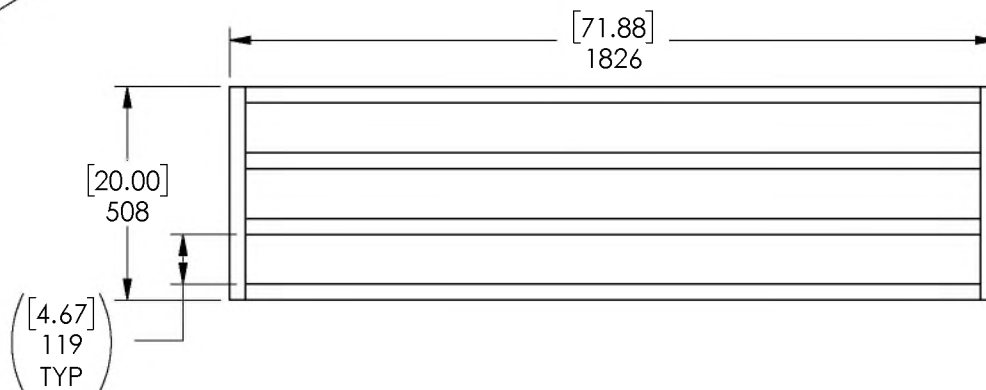
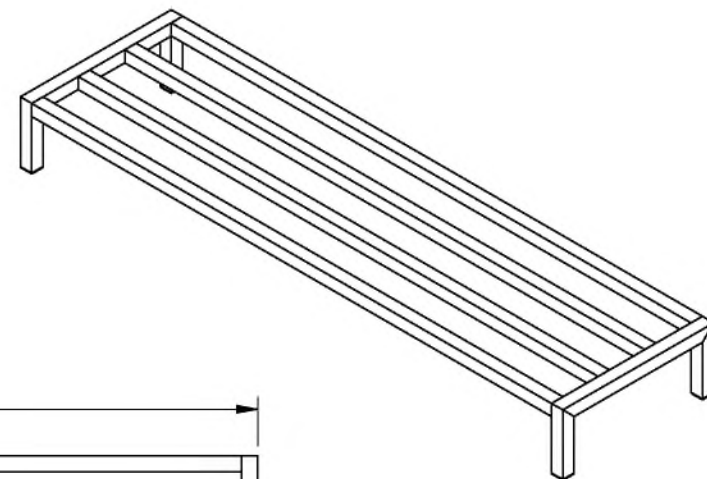
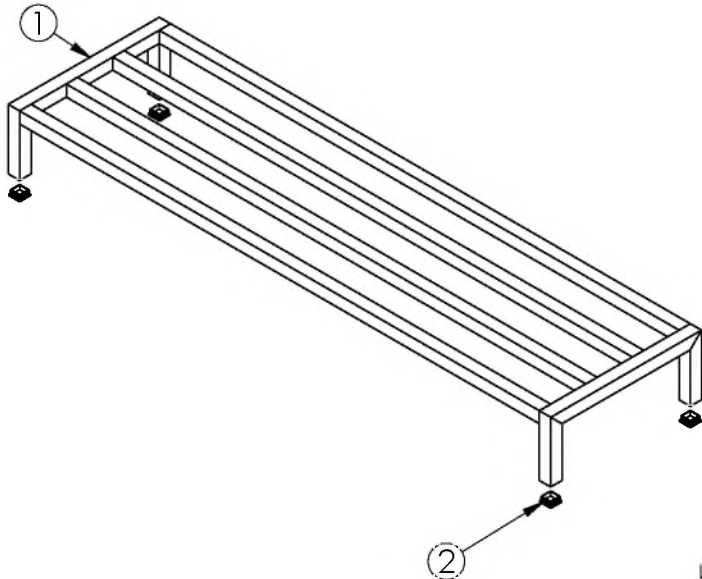


7400 SOUTH 28th STREET
FORT SMITH, AR 72908
PH. 800-643-2980
FAX. 479-646-5517

1	00000	12/6/2018	JC
REV.	ECN	DATE	APRD
REVISIONS			

ITEM NO.	PART #	DESCRIPTION	QTY.	DWG NO
1	A00020293	WLD. FR; DUNNAGE RACK; STD; 72.00"X20.00"X8.00"	1	WF00026_A01
2	SS66905	1.50" SQUARE PLASTIC CAP W/ RIBS	4	CP_000020_P01

D541D



ALUMINUM RACKS NOTES:

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2. CLEAN RACK PRIOR TO PACKING.
3. INSPECT TO THIS DRAWING ONLY.

REFERENCE JOB #: *
LOCATION: *
STORE #: *

DD072208

FREEZER DUNNAGE RACK
72" X 20" X 8"

DRAWN BY: *

DATE: *

SCALE: 1:13

PAGE: 1 OF 1

REV	DESCRIPTION	DATE	DRAFTER
*	*	*	*



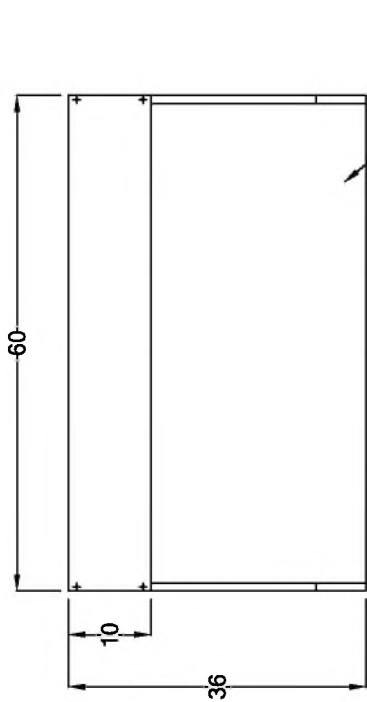
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FAX. 479-646-5517

12/14/2020

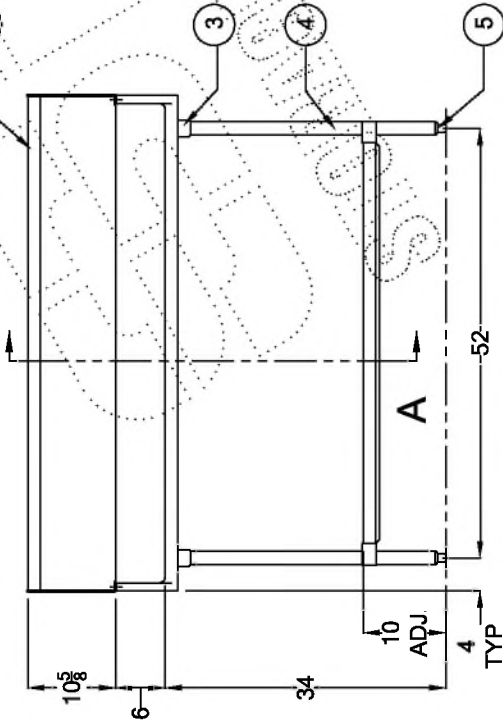
MATERIALS OF CONSTRUCTION	
ITEM#	DESCRIPTION
1	TOP W/ 1" THK, BACK & SIDE SPLASHES 16 GA 301 SS
2	OVERSHELF, 16 GA 301 SS
3	SS LEG SOCKETS
4	1-5/8" DIA 304 SS LEGS
5	ADJ. SS BULLET FEET
6	SS C-CHANNEL REINFORCEMENT
7	1/4-20X1/2 BOLTED CONNECTION
8	1-1/4"DIA 304 SS CROSS-RAIL
9	(2) [CROSSBRACEEND] ADJ. BRKTS
10	Z-CLIPS

D560C

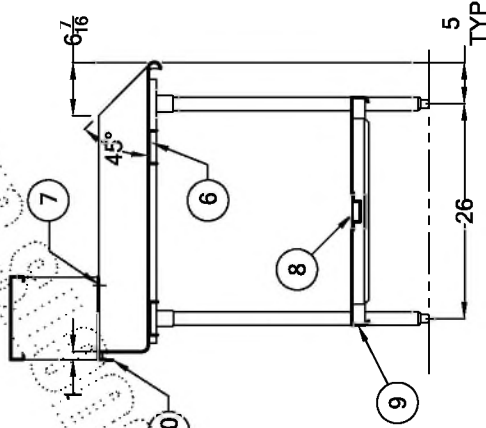
UNIT TO SHIP
KNOCK-DOWN




TOP VIEW
Scale: 1/2"=1'-0"



FRONT VIEW
Scale: 1/2"=1'-0"

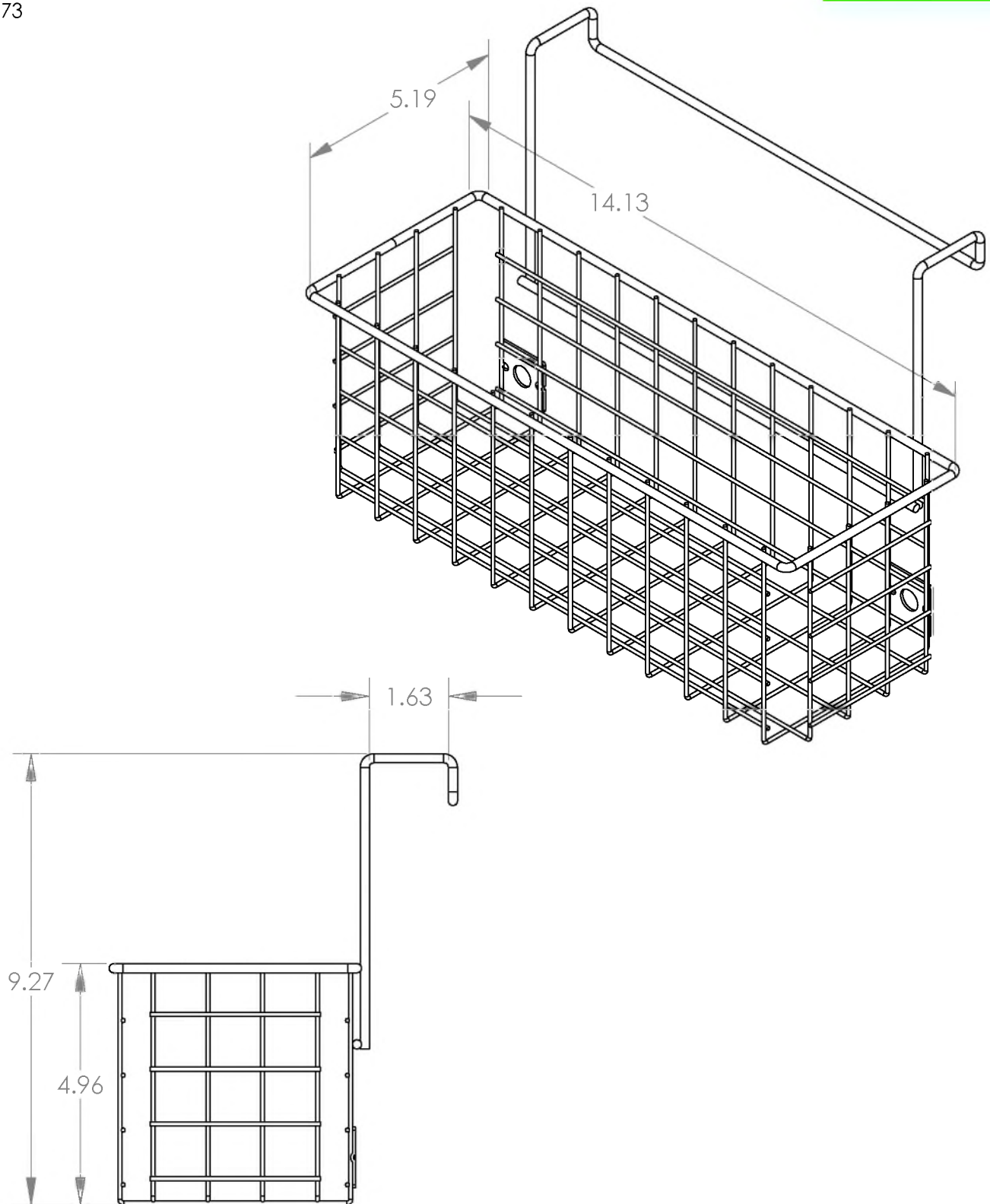


SECTION -A-
Scale: 1/2"=1'-0"

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CUSTOMER: PROJECT: MODEL #: DD-5SLSB36-OS2ES DESCRIPTION: TABLE;PREP;60X36X34;BS6;16GA;SST;US;2ES;OS;KD DWG #: DD-5SLSB36-OS2ES	
DATE: 12/14/16 DWG BY: ADW QTY: 1 SHEET: 1 OF 1	

LID RACK, LARGE
WF35873

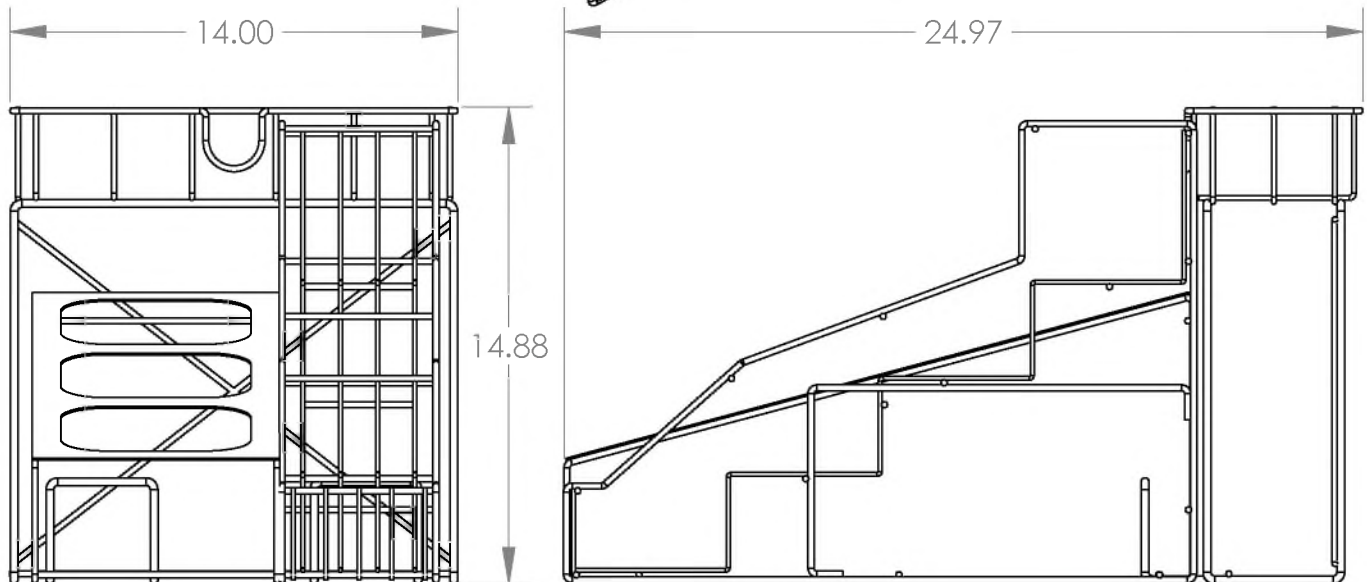
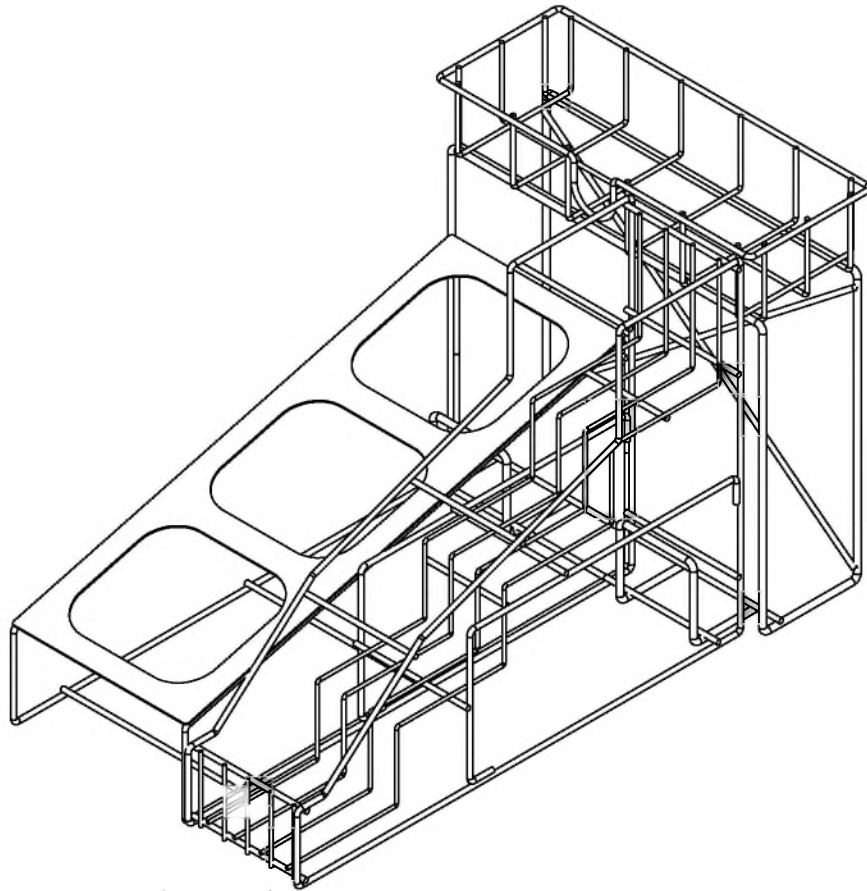
D886C



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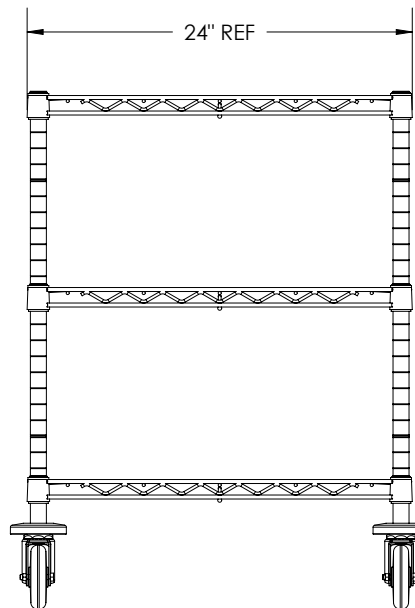
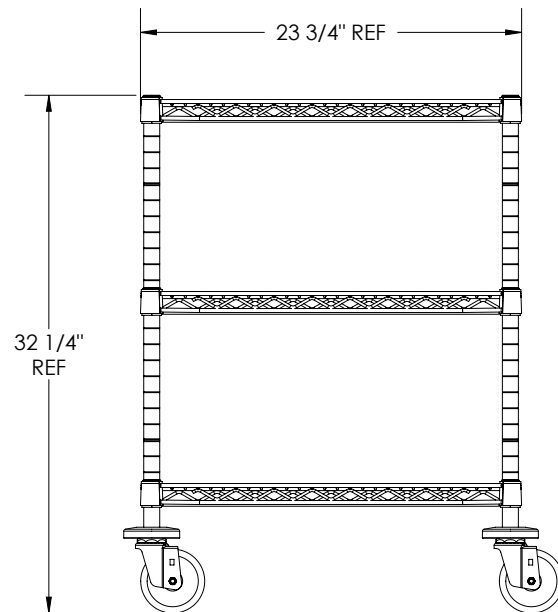
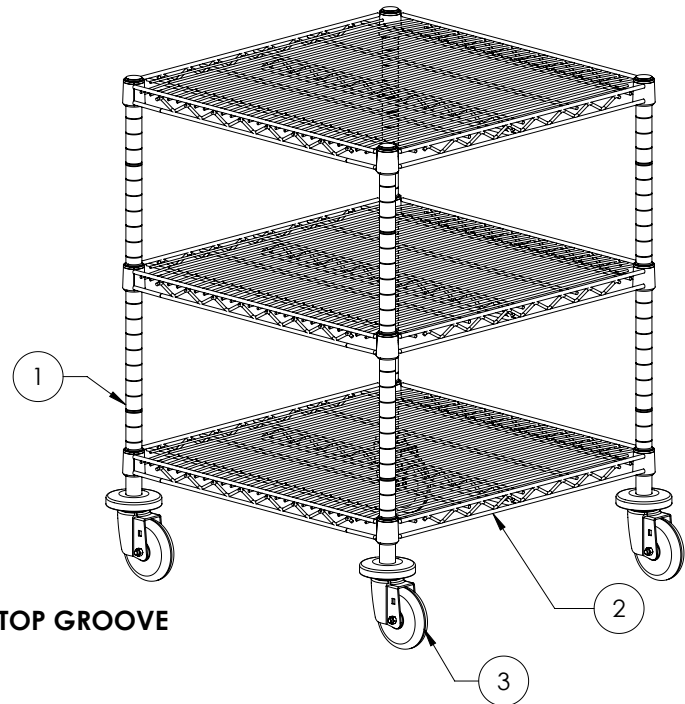
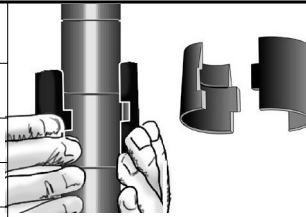
PUMP AND POWDER RACK
WF36260



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DD2424OTG			
ITEM #	QTY	PART #	DESCRIPTION
1	4	27UP	27-3/4" H POST
2	3	2424NC	24" X 24" SES CHROME WIRE SHELF
3	4	4LD	4" DIA SWIVEL CASTER



D, TOP GROOVE

C, GROOVE #16

B, GROOVE #4

A, INSERT CASTER
IN UP POSTDRAWN BY:
SSCDATE:
01/28/2020SW CAD FILE:
DD2424OTGPART NO.:
DD2424OTG
SHT 1 of 1

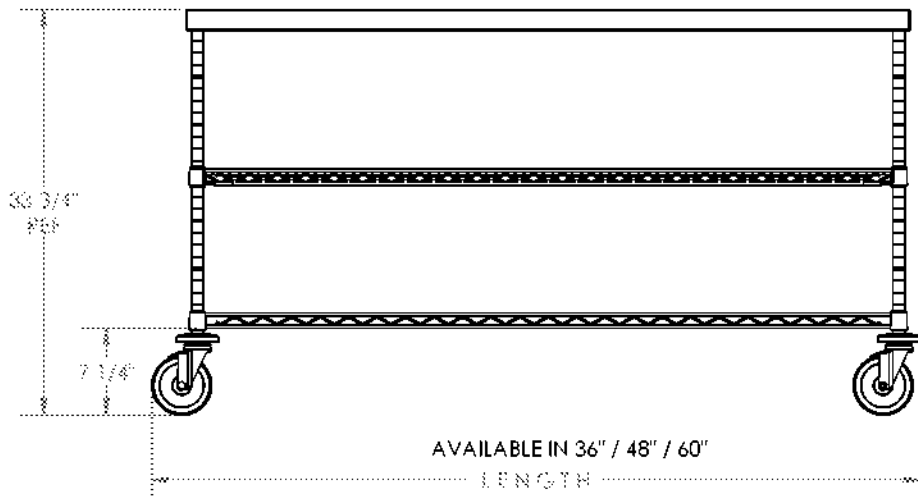
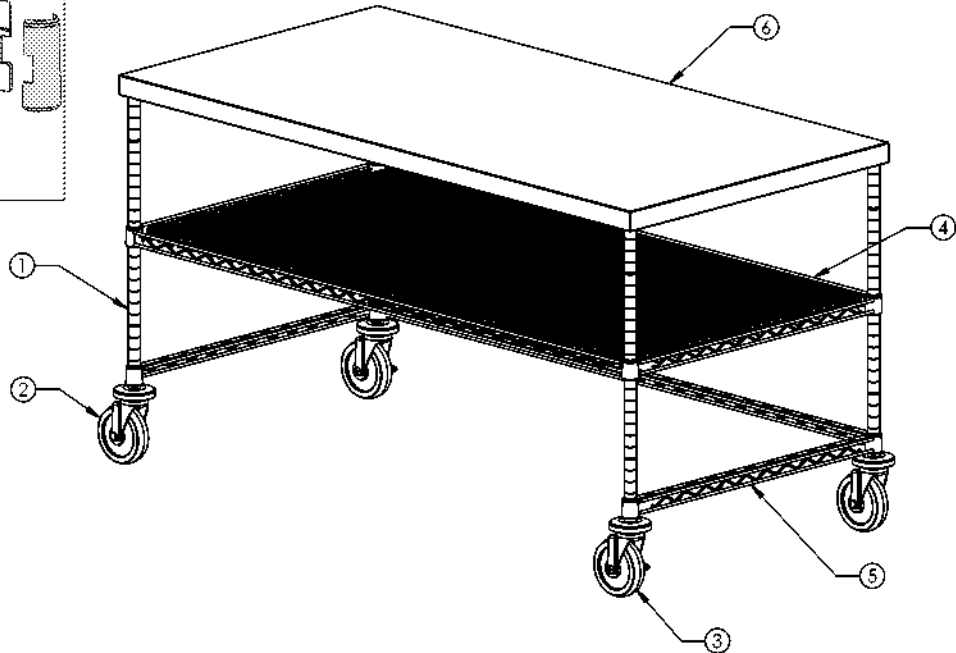
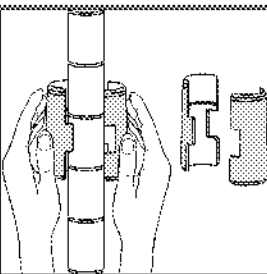
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North Washington Street
Wilkes-Barre, PA 18705
www.metro.com

DD2424OTG
ON THE GO CART

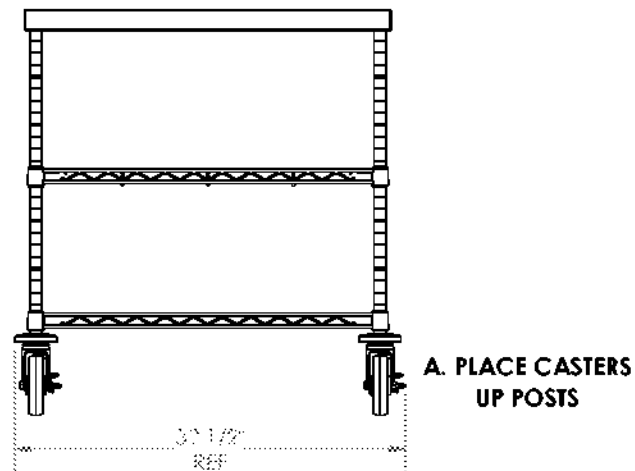
FF0773			
ITEM #	QTY	PART #	DESCRIPTION
1	4	27UP	27" POST
2	2	5MP	SWIVEL CASTERS
3	2	5MPB	SWIVEL CASTERS W/ BRAKE
4	2	30 3 NC	30" X (36") (48") (60") SHELF
5	1	SF6 3 N3C	30" X (36") (48") (60") 3 SIDED DOUBLE SNAKE FRAME
6	1	CC6008 3	30" X (36") (48") (60") SS OVERLAY W/ SHELF CUSHION



D. TOP GROOVE

C. GROOVE #15

B. BOTTOM GROOVE



A. PLACE CASTERS UP POSTS

AVAILABLE IN 36" / 48" / 60"

LENGTH

DRAWN BY:

RSN

DATE:

02/10/2020

SW/CAD FILE:

FF0773A

PART NO.:

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SHT 1 of 1

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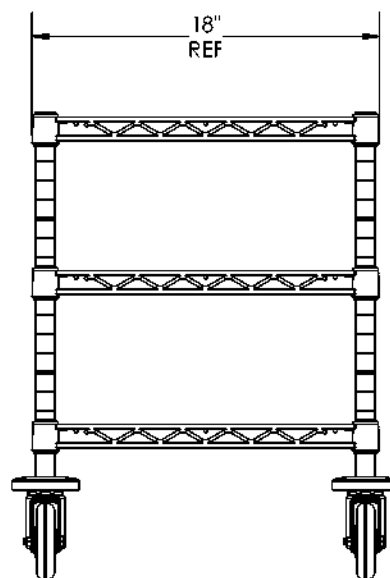
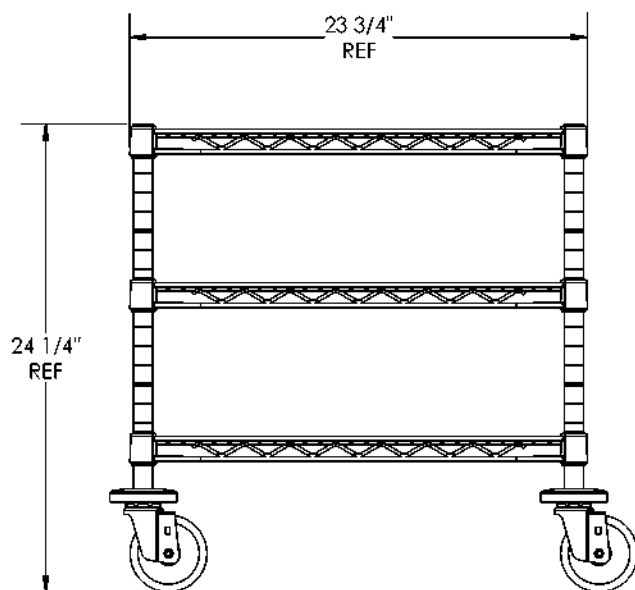
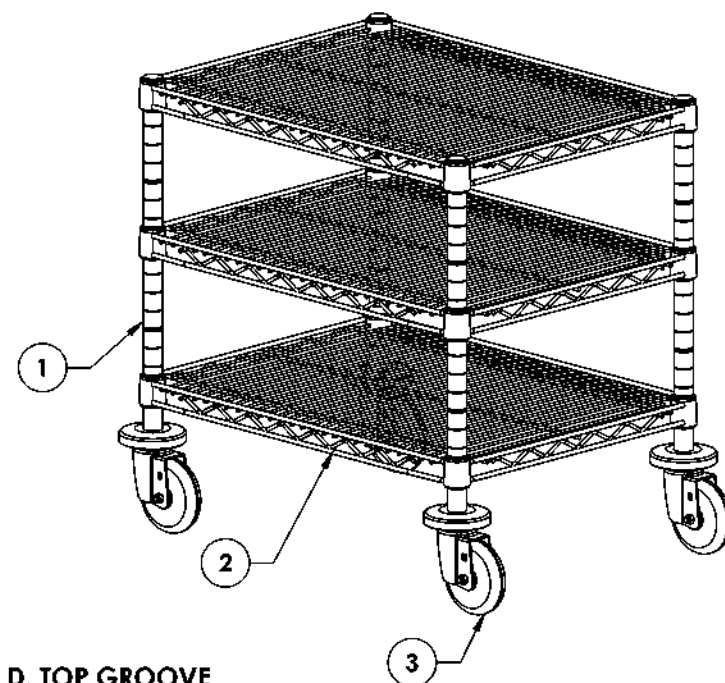
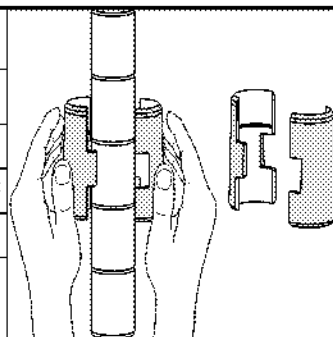


InterMetro Industries Corp.
North Washington Street
Wakarusa, IN 46785
www.metro.com

FF0773

30" Deep x 34" High Mobile SS WORKABLE

DD1824POS			
ITEM #	QTY	PART #	DESCRIPTION
1	4	20CUP	19-3/4" H POST
2	3	1824NC	18" X 24" SES CHROME WIRE SHELF
3	4	4LD	4" DIA SWIVEL CASTER



D, TOP GROOVE

C, GROOVE #12

B, GROOVE #4

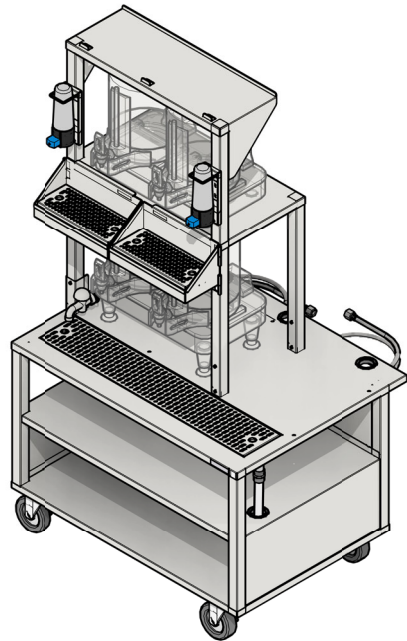
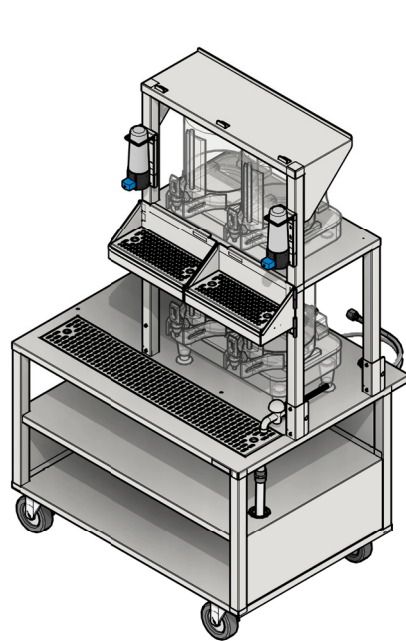
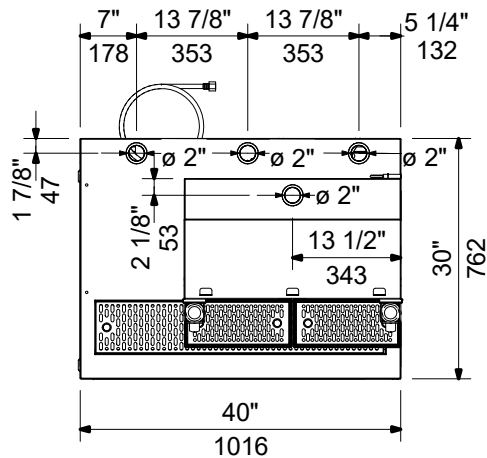
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RCVDATE:
07/07/2020SW/CAD FILE:
DD1824POSPART NO.:
DD1824POS
SHT. 1 of 1

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METRO

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Wilkes-Barre, PA 18705
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DD1824POS
POS CART



SPECIFICATIONS

- COFFEE TABLE, STAINLESS STEEL CONSTRUCTION
- INCLUDES BASE CABINET AND OVERSHELF
- OVERSHELF CAN BE MOUNTED ON RIGHT OR LEFT SIDE TO ALLOW FOR STANDARD OR REVERSE FLOW

LEGEND

- E ELECTRICAL ROUGH-IN**
- REFER TO DUNKIN' EQUIPMENT LIST FOR TYPE AND STYLE OF ELEC. OUTLET IN EACH LOCATION
- P PLUMBING ROUGH-IN**
- RECESSED UNLESS OTHERWISE NOTED

OVERALL DIMENSIONS

WIDTH	DEPTH	HEIGHT
40"	30"	69 7/8"
1016 mm	762 mm	1774 mm

MATERIALS

- **CABINET BASE**
 - 304-#4 16 GA STAINLESS STEEL
- **OVESHELF**
 - 304-#4 16 GA STAINLESS STEEL

COMPONENTS

- **OVERSHELF** - FRANKE 18017417
- **BASE CABINET** - FRANKE 18017418
- **SPRAY NOZZLE** - FRANKE 19014333
- **SPRAYER BRACKET** - FRANKE 18017962
- **PLUMBING BRACKET** - 18017967
- **TOOL RETRACTOR** - FRANKE 19003585

APPROVALS



DRAWING REVIEW

<input type="checkbox"/>	APPROVED
<input type="checkbox"/>	APPROVED AS NOTED
<input type="checkbox"/>	RESUBMISSION REQUIRED
DATE	
SIGN	

1 TOP VIEW

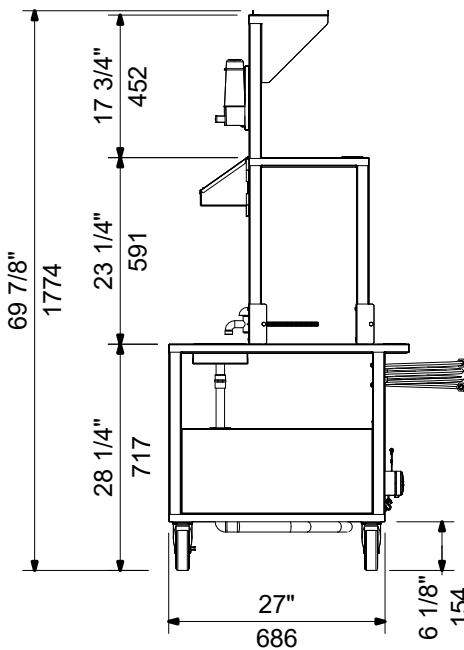
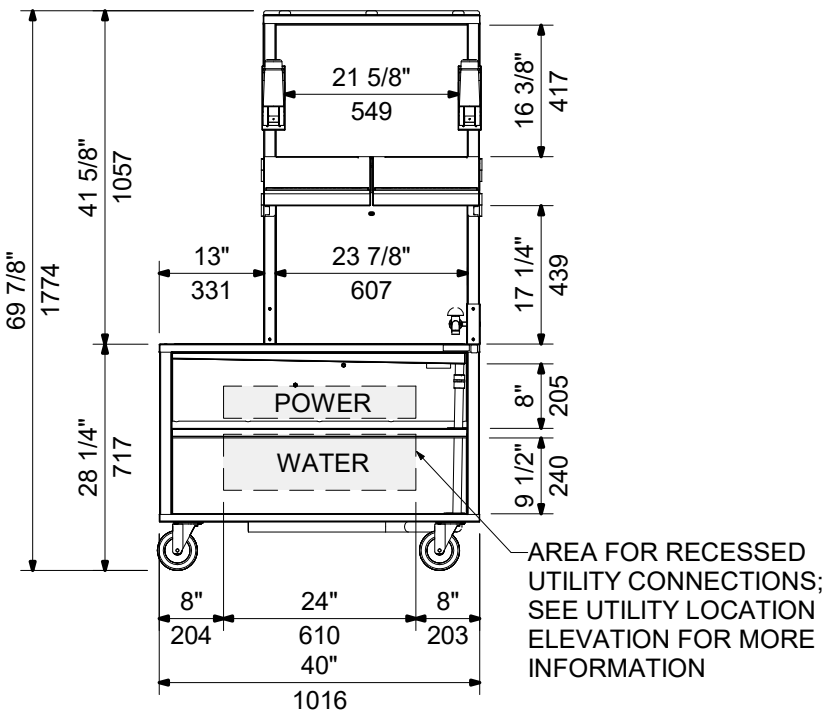
1/2" = 1'-0"

2 ISOMETRIC VIEW (REVERSE FLOW)

NTS

5 ISOMETRIC VIEW (STANDARD FLOW)

NTS



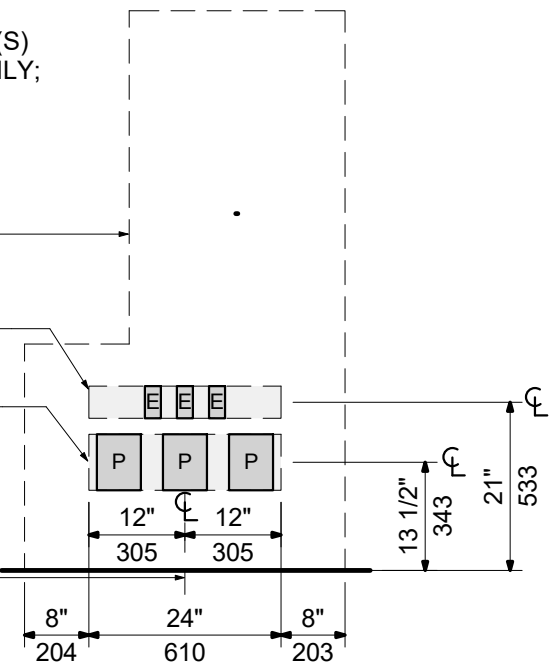
NOTE: DRAIN LOCATION(S) ARE *RECOMMENDED* ONLY; TO BE CONFIRMED BY ARCHITECT

OUTLINE OF COFFEE TABLE

AREA FOR ELECTRICAL UTILITY CONNECTIONS

AREA FOR PLUMBING UTILITY CONNECTIONS

CENTERLINE INDICATES RECOMMENDED FLOOR DRAIN LOCATION



3 FRONT ELEVATION

1/2" = 1'-0"

4 RIGHT SIDE ELEVATION

1/2" = 1'-0"

6 UTILITY LOCATION ELEVATION

1/2" = 1'-0"



Franke Foodservice Systems Americas, Inc.

800 Aviation Parkway
Smyrna, TN 37167

Tel. +800 472-2954

fs-customerservice.us@franke.com
www.frankeus.com

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F	03/11/2020	FLOOR DRAIN LOCATION	FM969
E	02/27/2020	REVISION	FM969
D	02/18/2020	UTILITY LOCATION ELEVATION	FM969
C	02/05/2020	ROUGH-IN LOCATION	FM969
B	01/29/2020	REVISION	FM969
A	10/17/2019	INITIAL ISSUE	FM969
REV #	DATE	DESCRIPTION	BY



CUSTOMER
DUNKIN'

RESTAURANT No.
5073121

PROJECT No.
1404314

DESCRIPTION

COFFEE TABLE (REVERSIBLE)

SITE ADDRESS
130 ROYALL ST

CITY
CANTON

STATE
MA

ZIP
02021-1010

COUNTRY
USA

CUSTOMER PART NUMBER

-

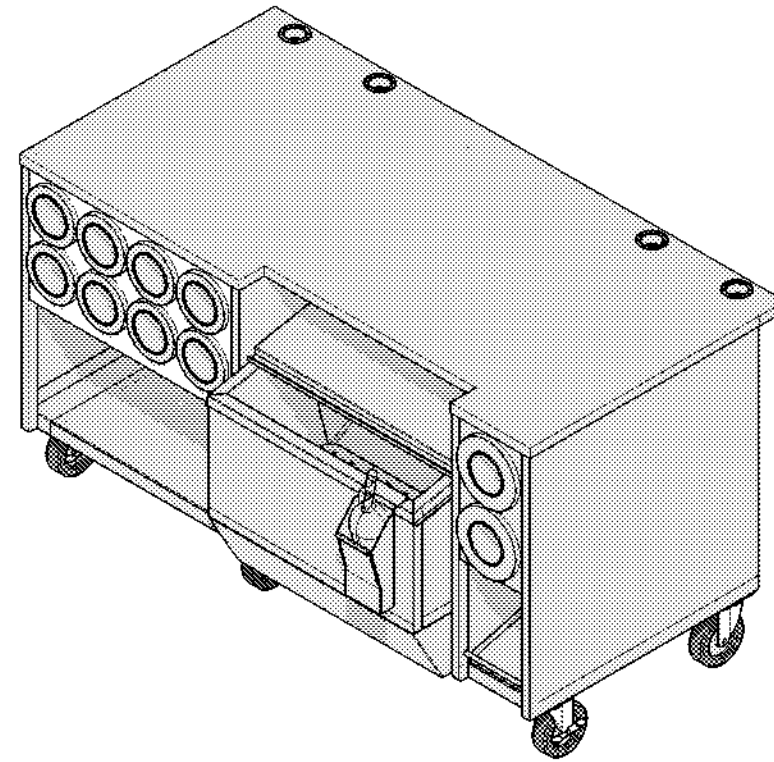
FRANKE PART NUMBER
18017419

SCALE
As Noted

UNITS
Inch

SHEET NUMBER

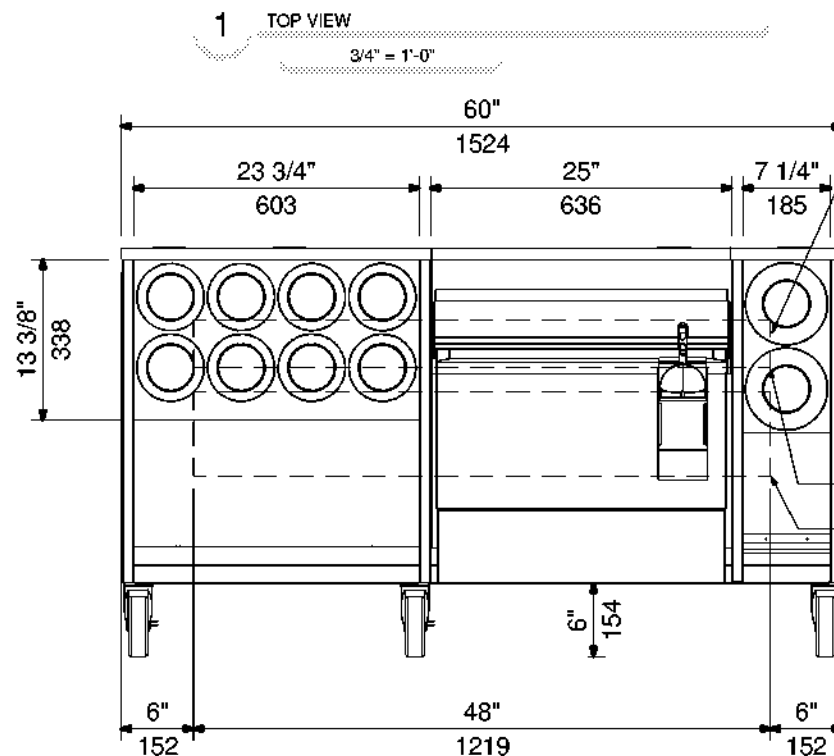
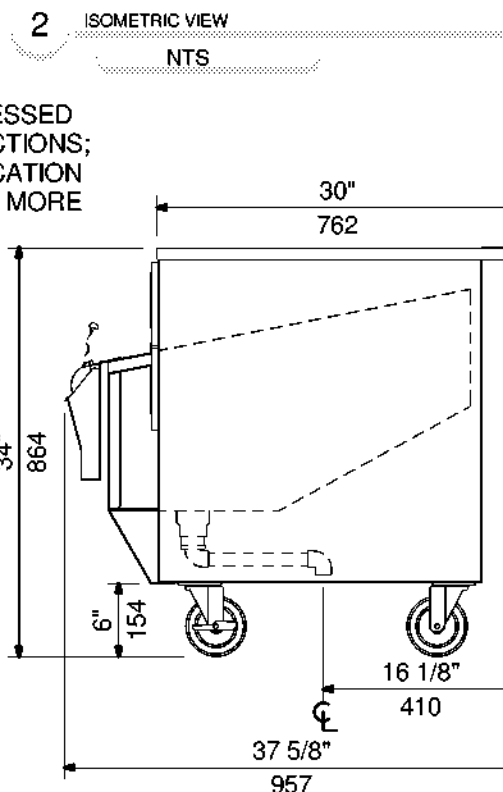
1 of 1



WIDTH	DEPTH	HEIGHT
60"	37 3/8"	34"
1524 mm	950 mm	864 mm

- 

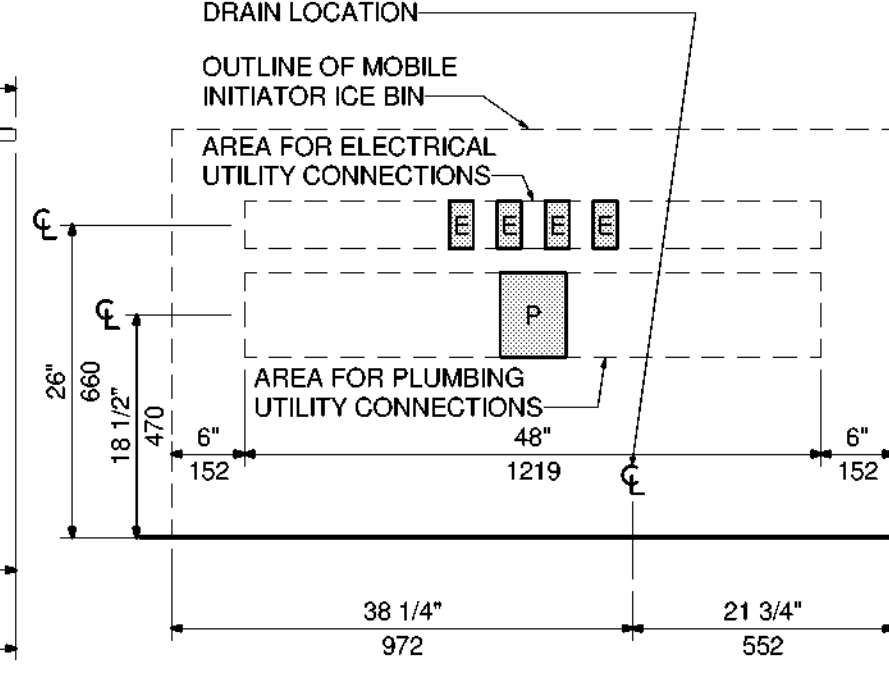
SIGN


$$3/4'' = 1'-0''$$


NTS

POWER
WATER

3 FRONT ELEVATION

$$3\frac{3}{4}'' = 1'-0''$$


5 UTILITY LOCATION ELEVATION

$$3/4" = 1'-0"$$


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G	06/23/2020
F	03/11/2020
E	02/27/2020
D	02/18/2020
C	02/05/2020
B	01/10/2020

REV #	DATE
-------	------

ICE BIN DRAIN LOCATION
FLOOR DRAIN LOCATION
REVISION
UTILITY LOCATION ELEVATION
ROUGH-IN LOCATION
REVISION

DESCRIPTION

FM969
FM969
FM969
FM969
FM969
FM969

BY

CUSTOMER
DUNKIN

RESTAURANT No
5073121

PROJECT No.
1404314

DESCRIPTION

MOBILE INITIATION ICE BIN RIGHT

SITE ADDRESS
130 ROYALL ST

CITY
CANTONSTATE
MAZIP
02021-1010

COUNTRY
USA

CUSTOMER PART NUMBER

FRANKE PART NUMBER
18017813

SCALE
As Noted

UNITS
Inch

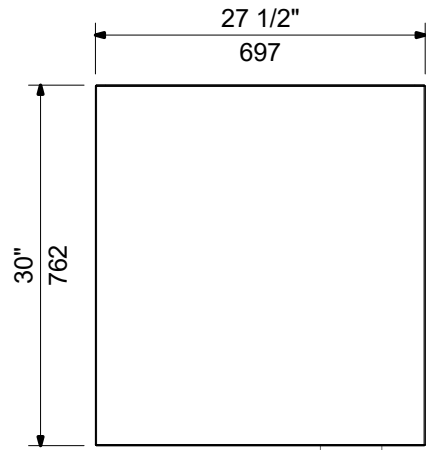
SHEET NUMBER

1 of 1

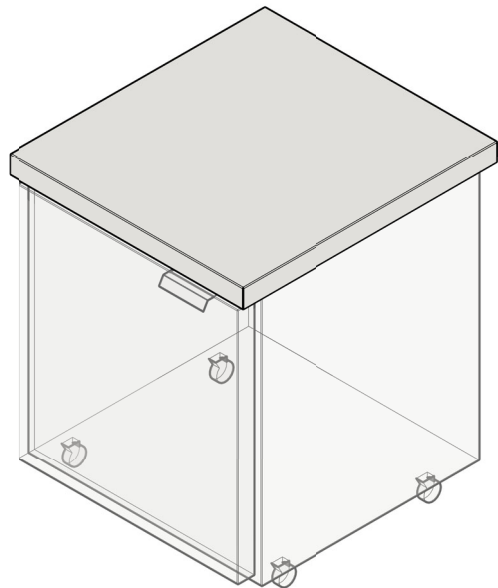
800 Aviation Parkway
Smyrna, TN 37167

Tel. •800 472-2954

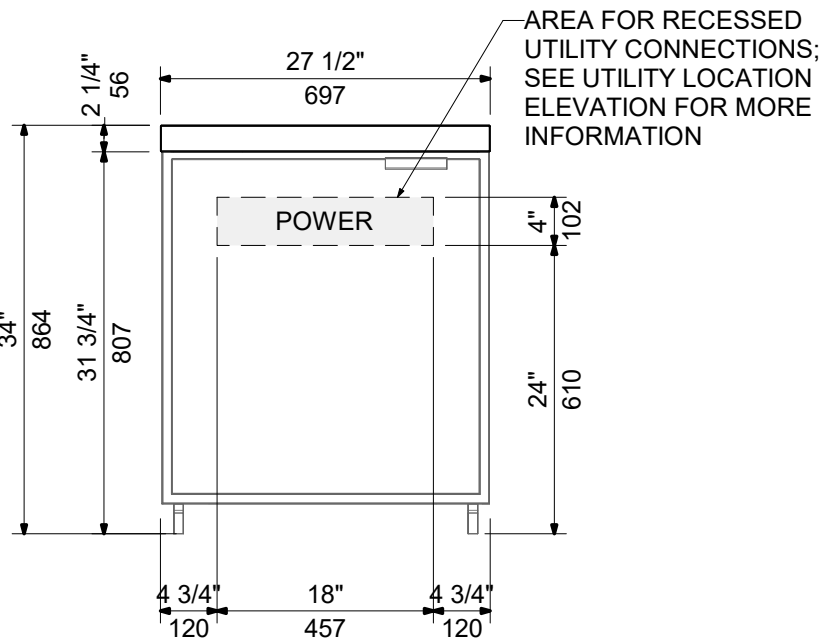
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www.franke.com



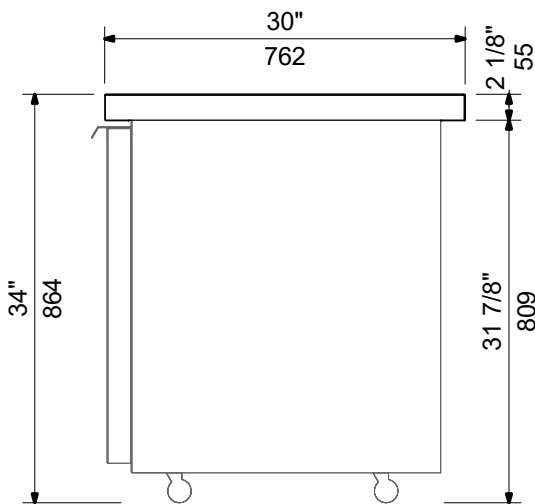
1 TOP VIEW
3/4" = 1'-0"



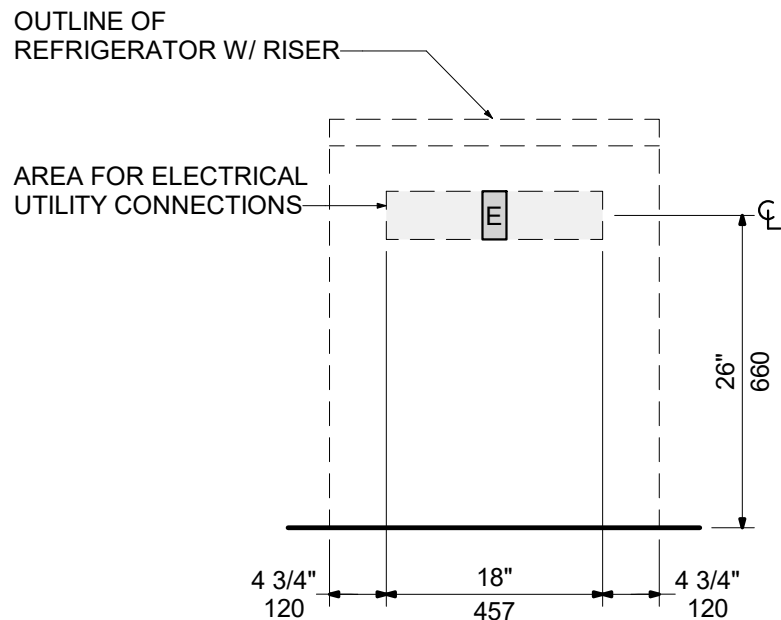
2 ISOMETRIC VIEW
NTS



3 FRONT ELEVATION
3/4" = 1'-0"



4 RIGHT SIDE ELEVATION
3/4" = 1'-0"



5 UTILITY LOCATION ELEVATION
3/4" = 1'-0"

SPECIFICATIONS

- 27 1/2" x 30" REFRIGERATOR RISER, STAINLESS STEEL CONSTRUCTION
- INCLUDES WORKTOP AND (2) CHANNELS
- FITS 67600 & 676001

LEGEND

- E ELECTRICAL ROUGH-IN**
- REFER TO DUNKIN' EQUIPMENT LIST FOR TYPE AND STYLE OF ELEC. OUTLET IN EACH LOCATION
- P PLUMBING ROUGH-IN**
- RECESSED UNLESS OTHERWISE NOTED

OVERALL DIMENSIONS

WIDTH	DEPTH	HEIGHT
27 1/2"	30"	2 1/4"
697 mm	762 mm	56 mm

MATERIALS

- 304-#4 16GA STAINLESS STEEL
- 304-#4 18GA STAINLESS STEEL

BUYOUTS

- N/A

APPROVALS



DRAWING REVIEW

<input type="checkbox"/>	APPROVED
<input type="checkbox"/>	APPROVED AS NOTED
<input type="checkbox"/>	RESUBMISSION REQUIRED
DATE	
SIGN	



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REV #	DATE	DESCRIPTION	BY
C	03/11/2020	REVISION	FM969
B	03/02/2020	REVISION	FM969
A	02/18/2020	INITIAL ISSUE	FM969



CUSTOMER
DUNKIN'

RESTAURANT No.
5073121

PROJECT No.
1404314

DESCRIPTION

REFRIGERATOR RISER

SITE ADDRESS
130 ROYALL ST

CITY
CANTON

STATE
MA

ZIP
02021-1010

COUNTRY
USA

CUSTOMER PART NUMBER

-

FRANKE PART NUMBER
18018506

SCALE
As Noted

UNITS
Inch

SHEET NUMBER

1 of 1



SPECIFICATIONS

- ### LEGEND

E ELECTRICAL ROUGH-IN

- REFER TO DUNKIN' EQUIPMENT LIST FOR TYPE AND STYLE OF ELEC. OUTLET IN EACH LOCATION

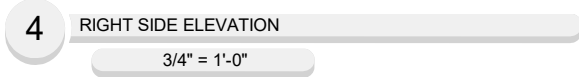
P **PLUMBING ROUGH-IN**
• RECESSED UNLESS OTHERWISE NOTED

OVERALL DIMENSIONS

MATERIALS

- ## COMPONENTS

- (2) RECEPTACLES, MEDIUM BLACK
- FRANKE - 620164



5 UTILITY LOCATION ELEVATION
3/4" = 1'-0"

APPROVALS

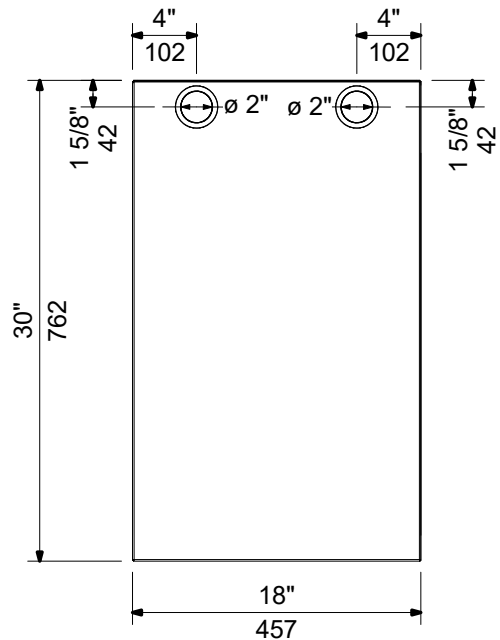


☐ APPROVED

APPROVED AS NOTED

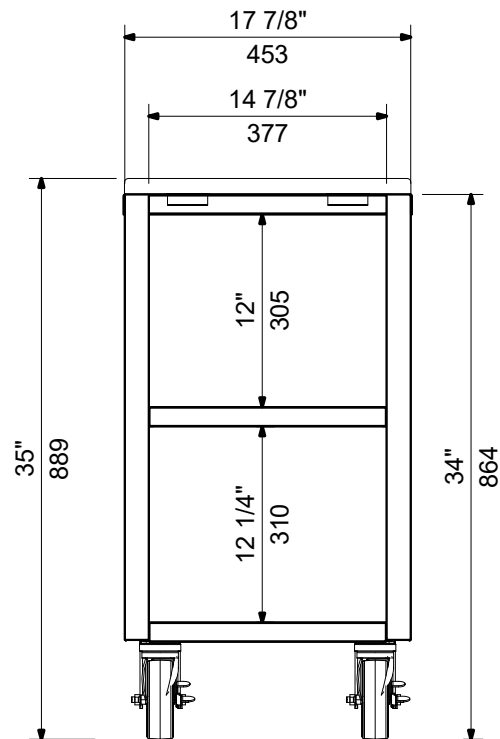
RESUBMISSION REQUIRED





1 TOP VIEW

1" = 1'-0"



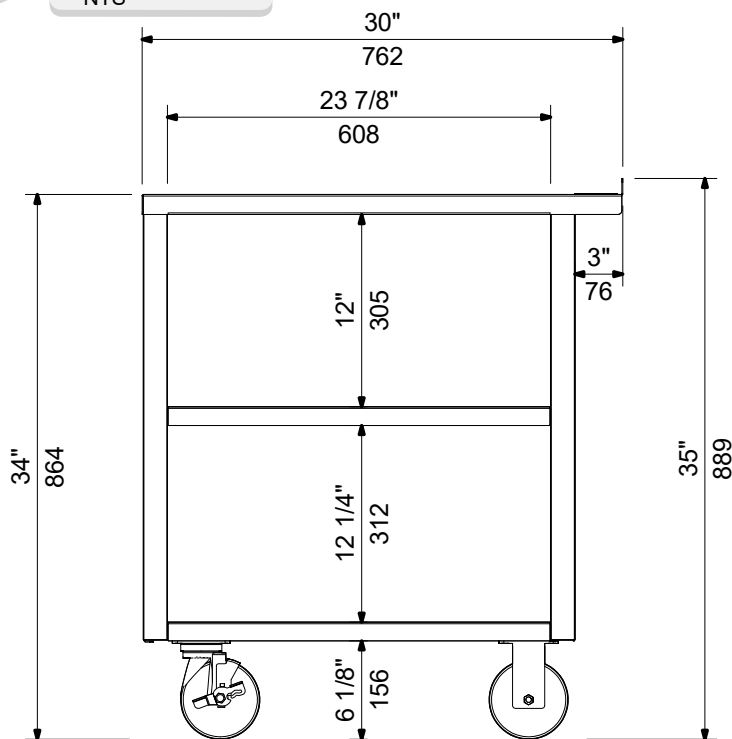
3 FRONT ELEVATION

1" = 1'-0"



2 ISOMETRIC VIEW

NTS



4 RIGHT SIDE ELEVATION

1" = 1'-0"

SPECIFICATIONS

- STAINLESS STEEL MOBILE WORK TABLE. TABLE TO INCLUDE (2) GROMMETED HOLES IN WORK TOP. (2) STAINLESS STEEL SHELVES MOUNT TO LEGS. TABLE SITS ON (4) 5" CASTERS.

OVERALL DIMENSIONS

WIDTH	DEPTH	HEIGHT
18"	30"	35"
457 mm	762 mm	889 mm

MATERIALS

- **WORKTOP:** 304-#4 16GA STAINLESS STEEL
- **SUPPORT CHANNEL:** A600 16GA GALVANEAL STEEL
- **LEGS:** 304-#4 16GA STAINLESS STEEL

COMPONENTS

- (2) 5" CASTERS W/ BRAKES - FRANKE
 - 19001036
- (2) 5" CASTERS W/O BRAKES - FRANKE
 - 19001037
- (2) NYLON BUSHING (BLACK) - FRANKE
 - 1715119

APPROVALS



DRAWING REVIEW

<input type="checkbox"/>	APPROVED
<input type="checkbox"/>	APPROVED AS NOTED
<input type="checkbox"/>	RESUBMISSION REQUIRED
DATE	
SIGN	



Franke Foodservice Systems Americas, Inc.

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www.frankeus.com

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REV #	DATE	DESCRIPTION	BY
B	01/29/2020	REVISION	FM969
A	11/20/2019	INITIAL ISSUE	NZ000



CUSTOMER
DUNKIN

RESTAURANT No.
5073121

PROJECT No.
1404314

DESCRIPTION

MOBILE WORK TABLE

SITE ADDRESS
130 ROYALL ST

CITY
CANTON

STATE
MA

ZIP
02021-1010

COUNTRY
USA

CUSTOMER PART NUMBER

-

FRANKE PART NUMBER
18018324

SCALE
As Noted

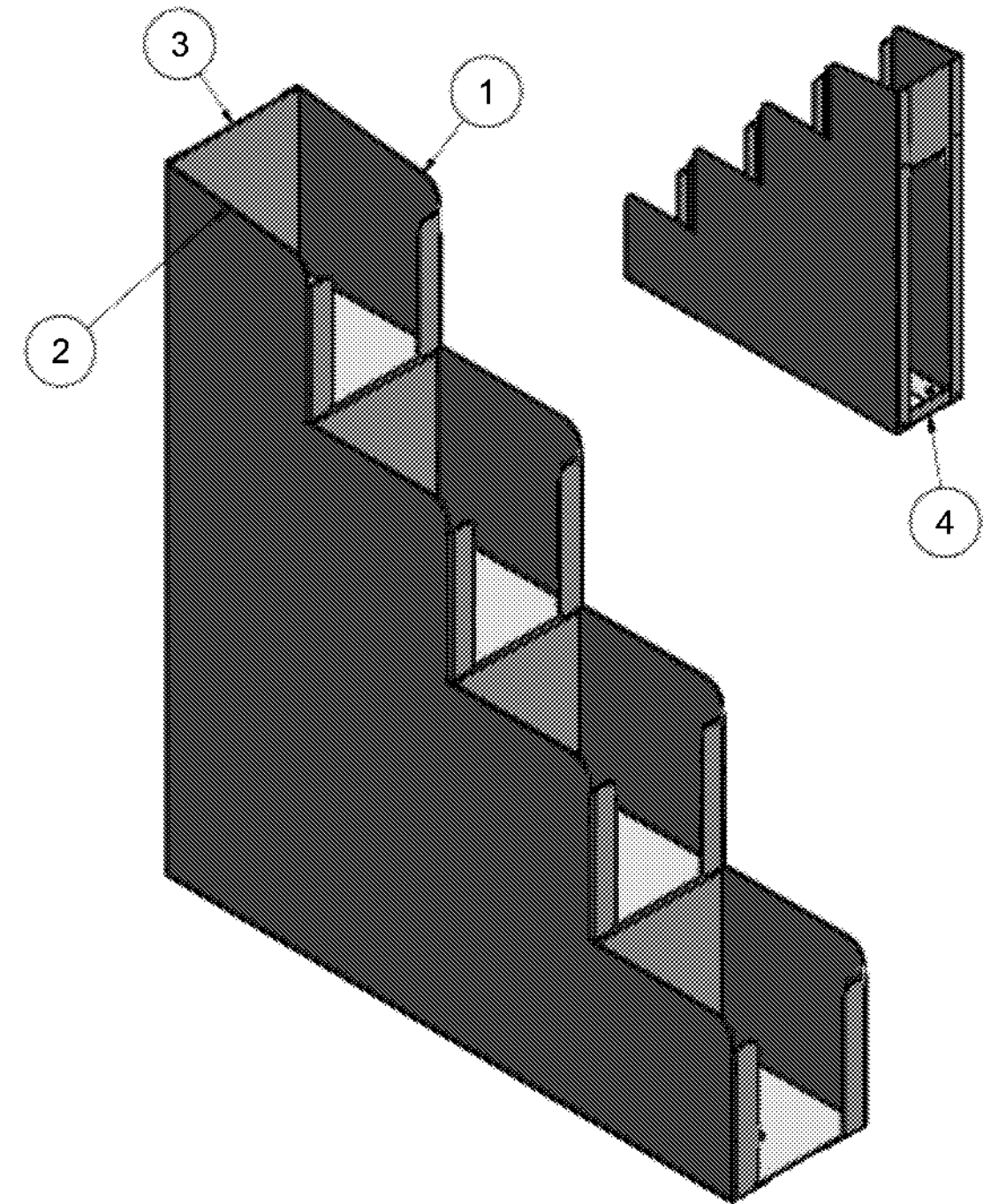
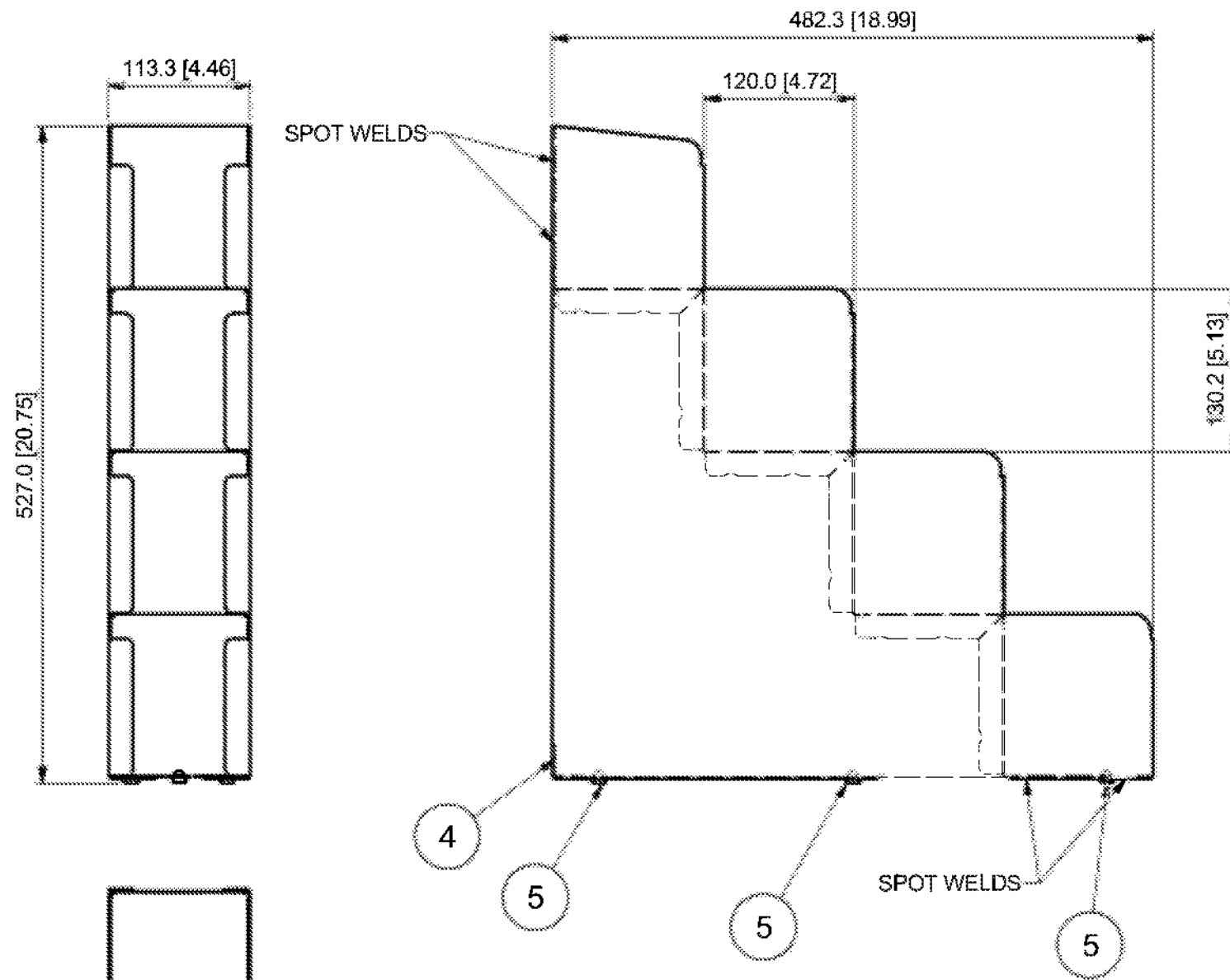
UNITS
Inch

SHEET NUMBER

1 of 1

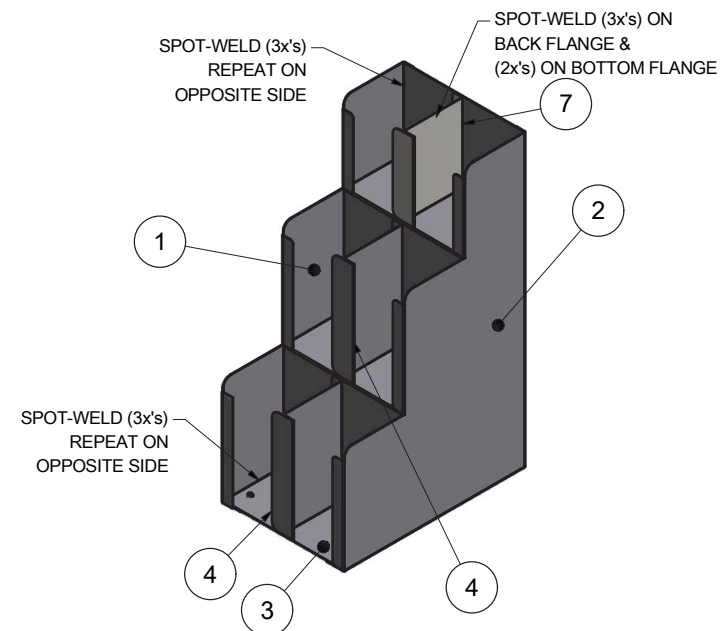
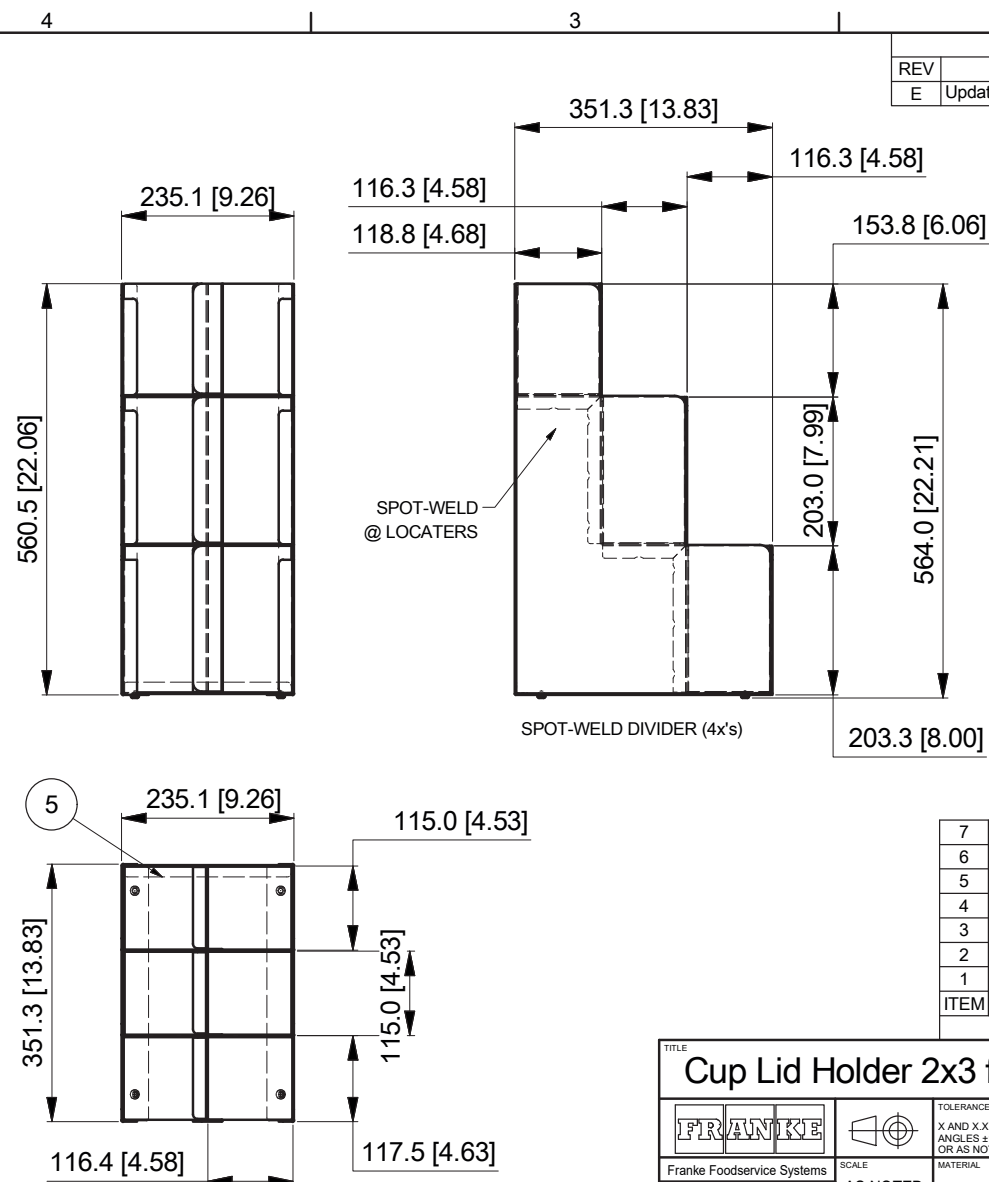
REVISION HISTORY

REV	DESCRIPTION	MODIFIED	DATE	ECO
A	Initial Issue	FA/FC974	12/10/2019	NFMC03762



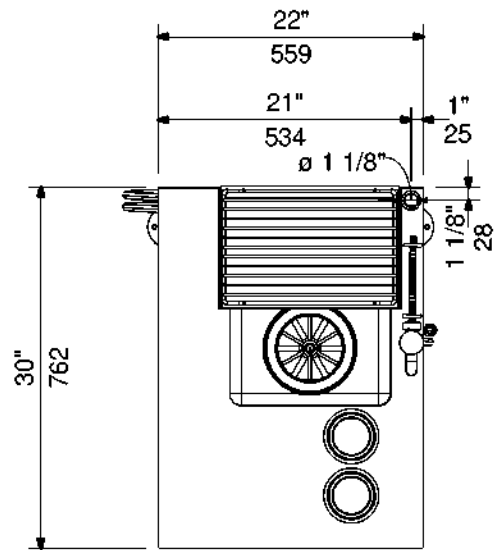
5	5	19001894	Bumper Rubber SBR Push-In	304 S/S	
4	1	30-210013911	Rear Support	304 #4	1
3	1	30-210013903	Lid Holder	304 #4	1
2	1	30-210013891	Lid Holder Side Wall L	304 #4	1
1	1	30-210013890	Lid Holder Side Wall R	304 #4	1
ITEM	QTY	PART NUMBER	TITLE	MATERIAL	Debur
Parts List					

Lid holders 1 Wide 4 Tall					
Frankie Foodservice Systems		AS NOTED		America	
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18018406		1		1	



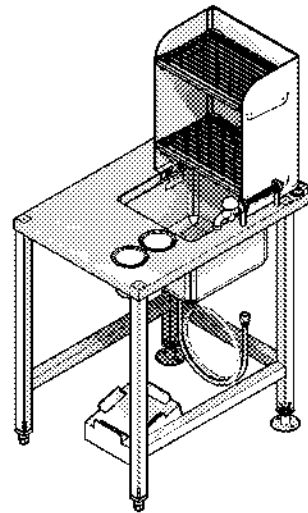
7	1	17014401	Divider Top	304-#4	3
6	4	19001894	Bumper Rubber SBR Push-In		
5	1	17009467	Angle Rear Support 2x2 Lid Holder	304-#4	1
4	2	17013892	Divider	304-#4	3
3	1	17013891	Base Cup Holder, 2x3 High	304-#4	3
2	1	17013890	End RH Cup Lid Holder 3 High	304-#4	3
1	1	17013889	End LH Cup Lid Holder 3 High	304-#4	3
ITEM	QTY	PART NUMBER	TITLE	MATERIAL	Deburn
Parts List					

TITLE Cup Lid Holder 2x3 f/McCafe Lids					
FRANKE		TOLERANCES X AND X.X 1 mm ANGLES ±1 DEG OR AS NOTED		SUB-TITLE 9 1/4"W x 13 13/16"D x 22 1/4"H	
Frankie Foodservice Systems		SCALE AS NOTED		REGION America	
UNIT MM		FORMAT B		REV E	
THICKNESS		ROTATION		ITEM NUMBER 18004125	



1 TOP VIEW

3/4" = 1'-0"



2 ISOMETRIC VIEW

NTS

SPECIFICATIONS

- DUMP SINK TABLE, STAINLESS STEEL CONSTRUCTION
- INCLUDES WORKTOP, DRAIN RACK, SINK BOWL, SPRAY NOZZLE, SANITATION BUCKET SHELF, (2) FLANGE FEET, AND (2) BULLET FEET

LEGEND



ELECTRICAL ROUGH-IN

- REFER TO DUNKIN' EQUIPMENT LIST FOR TYPE AND STYLE OF ELEC. OUTLET IN EACH LOCATION



PLUMBING ROUGH-IN

- RECESSED UNLESS OTHERWISE NOTED

OVERALL DIMENSIONS

WIDTH	DEPTH	HEIGHT
22"	30"	54"
559 mm	762 mm	1372 mm

MATERIALS

- 304-#4 16GA STAINLESS STEEL
- 304-#4 18GA STAINLESS STEEL

COMPONENTS

- DRAIN RACK - FRANKE 18017890
- SPRAY NOZZLE - FRANKE 19014333
- SINK-MOUNT RINSE-O-MATIC - FRANKE 19007426
- CUTLERY CYLINDER - FRANKE 5250
- 30" METAL BRAIDED FLEX HOSE W/ 1/2" FHT FOR CONNECTION TO WATER LINE

APPROVALS



DRAWING REVIEW

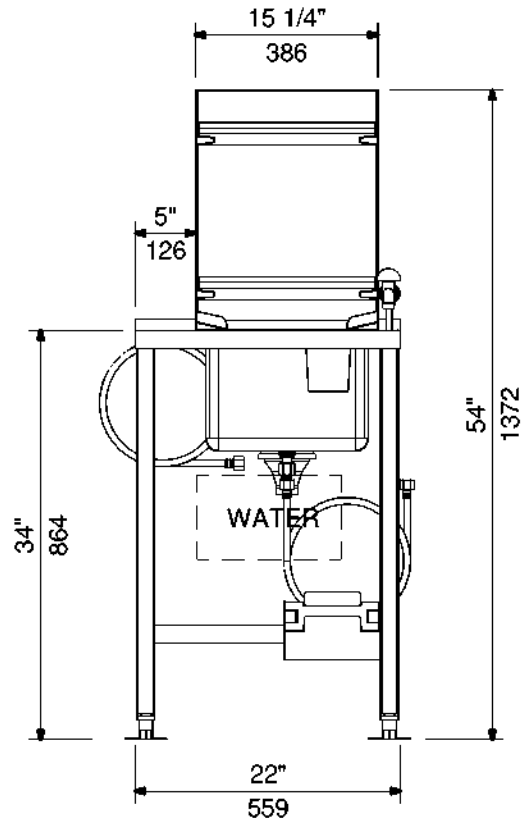
APPROVED

APPROVED AS NOTED

RESUBMISSION REQUIRED

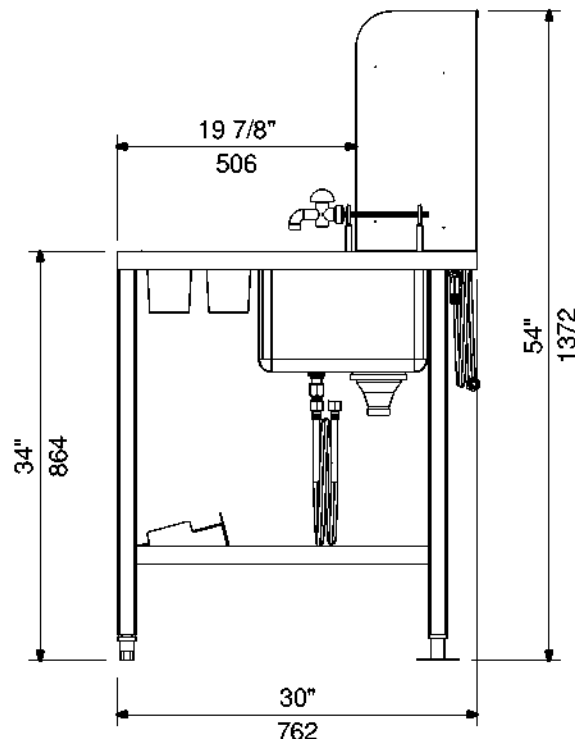
DATE

SIGN



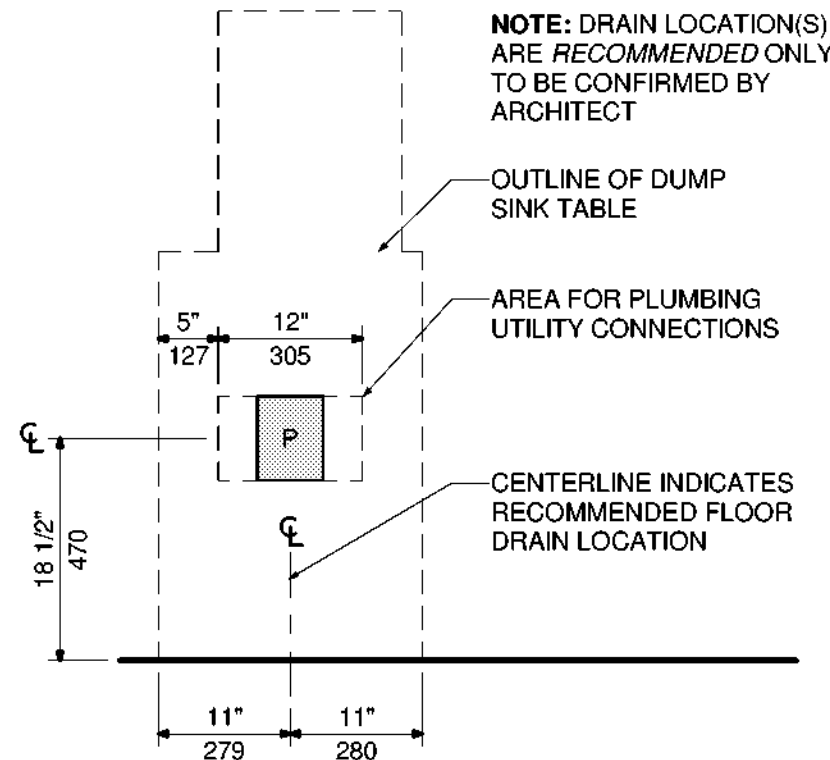
3 FRONT ELEVATION

3/4" = 1'-0"



4 RIGHT SIDE ELEVATION

3/4" = 1'-0"



5 UTILITY LOCATION ELEVATION

3/4" = 1'-0"



Franke Foodservice Systems Americas, Inc.

800 Aviation Parkway

Smyrna, TN 37167

Tel. +800 472-2954

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www.frankeusa.com

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B

07/15/2020

DIRECTION REVISION

A

07/08/2020

INITIAL ISSUE

REV #

DATE

DESCRIPTION

BY

FM969

RD970



CUSTOMER
DUNKIN'

RESTAURANT No.
5073121

PROJECT No.
1404314

DESCRIPTION

22" DUMP SINK TABLE, LH

SITE ADDRESS
130 ROYALL ST

CITY
CANTON

STATE
MA

ZIP
02021-1010

COUNTRY
USA

CUSTOMER PART NUMBER

FRANKE PART NUMBER

SCALE
As Noted

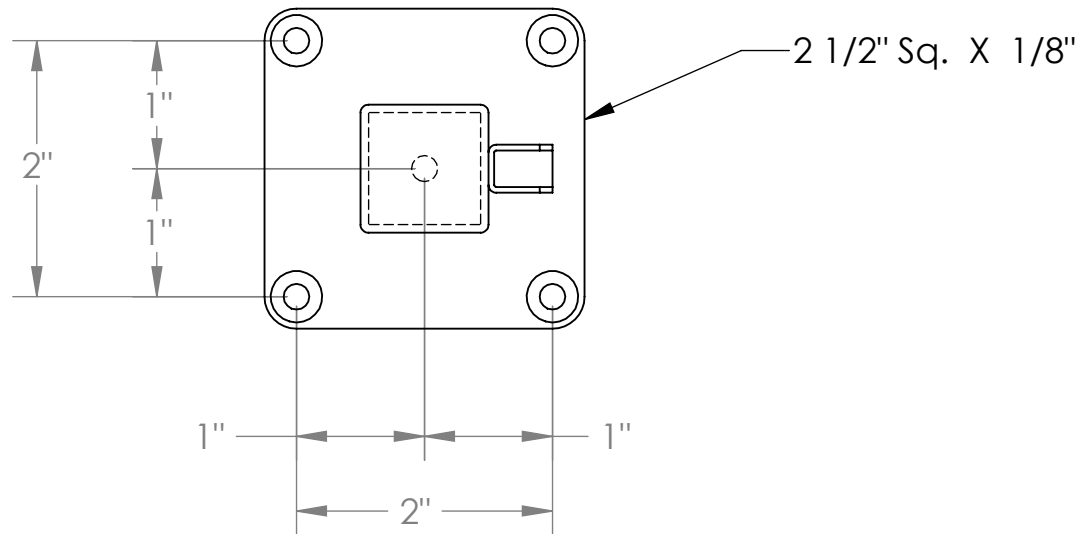
UNITS
Inch

SHEET NUMBER

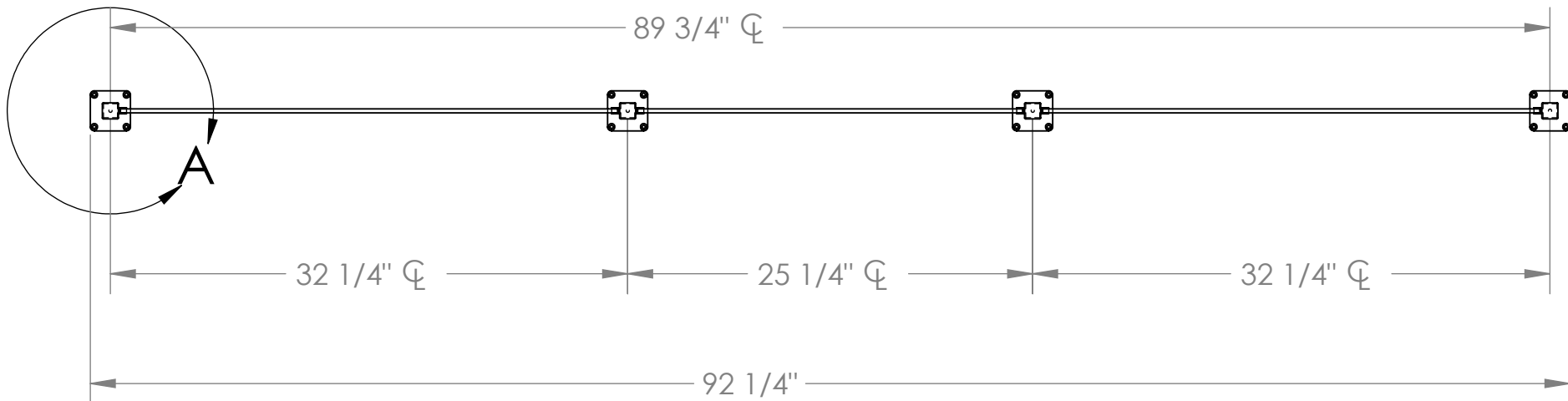
1 of 1

Project:
Jimmy John's Sandwiches -
Equip Spec Sheets

From:
KEC Design LLC
Justin Chapman
301 E. Mercury Dr. #2
Champaign, IL 61822-
(888) 356-1640 (Contact)



DETAIL A
SCALE 1 : 1.5



4 HOLE SQUARE PATTERN (PILOT For #10 Screws) AT EACH POST CENTERLINE
2" X 2" CENTERED ON POST CENTERLINE

Layout for 93" Guard
JIMMY JOHN

Hel-Mar Mfg, LLC

JIMMY JOHN'S**WORLD'S GREATEST
GOURMET SANDWICHES**MODEL 718-JJ
JJ Bakery Rack

JOB _____ ITEM # _____ QTY # _____

MODEL NUMBER☐ 718-JJ☐ 718-JJ-E**FULLY WELDED CONSTRUCTION****STRONG SOLID BOTTOM
FOUNDATION**

Piper's Bakery Racks provide strength and excellent versatility. Our fully welded frame and 1/2" tie bar avoids distortion and gives greater side-to-side strength. The solid bottom has a rolled edge that acts as a bumper and serves as a storage area for empty sheet pans.

STANDARD FEATURES

- ◆ .080" thick aluminum extruded glides
- ◆ 1" x 2" ledge angles
- ◆ Glides are fully welded on front
- ◆ .090" thick aluminum rack base
- ◆ 12-gauge reinforced caster channel eliminates twisting
- ◆ Rolled edge on solid bottom acts as bumper
- ◆ Two 1/2" tie bars per unit for rigidity and stability
- ◆ Colson rigs with 5" x 1-1/4" sealed wheels (no imported wheels)
- ◆ Delrin bearing, each with 350 lb. capacity
- ◆ Jimmy Johns embossed on both sides of rack

Model#	Description	Height Inches	Width Inches	Depth Inches	Pan Capacity	Pan Spacing (In.)	Ship Wt. (lbs)
718-JJ	Side load	67	29	19.5	18	3	85
718-JJ-E	Side load	69.5	20.75	28.25	18	3	85

Height includes casters.

Approximate box dimensions: 70" x 23" x 30"

Typical freight class: 150

LIMITED WARRANTY: PIPER PRODUCTS warrants to the original purchaser parts and labor for a period of twelve (12) months from the date of purchase. See manufacturer's complete warranty for details.

CSA, UL, NSF. It is our policy to build equipment which is design certified by companies that have been accredited at the Federal Level by the Occupational Safety and Health Agency (OSHA) and ANSI as a National Recognized Testing Laboratory. These companies include CSA International, Underwriters Laboratories, and the National Sanitation Foundation. However, a continuing program of product improvement makes it necessary to submit new models to the agencies as they are developed. Consequently, all models may not bear the appropriate labels at all times.

We reserve the right to change specifications and product design without notice. Such revisions do not entitle buyer to corresponding changes, improvements, additions or replacements for previously purchased equipment. Information is not for design purposes.

SPEC JJ-2**PIPER PRODUCTS****BUILT TO LAST****www.piperonline.net**

300 S. 84th Avenue
Wausau, WI 54401
Phone: 800-544-3057
Fax: 715-842-3125



Project Jimmy John's
AIA # _____ SIS # _____
Item # 13 Quantity _____ C.S.I. Section 114000



COMMERCIAL
REFRIGERATION

KBP SERIES

Full Size Glycol Prep Table Self Contained
91" **Two** & Three Row Pan Models



This unit is listed to the applicable UL, CSA and NSF Standards by an approved NRTL.
Consult the factory or unit's data plate for approval information.

STANDARD PRODUCT FEATURES

- Glycol System Exceeds NSF7 Requirements by Maintaining Food at or Below 39°F Using Specified 8" Deep Pans
- Stainless Steel Exterior & Interior
- Reliable Microprocessor Control with LED Temperature Display
- Heat Exchanger and Pump Closely Located from and in Communication with Refrigeration Controls
- Horizontal Finned T6 Anodized Chiller Plates, Holds 1/3, 1/6, or 1/9 Size Pans Up to 8" Deep (pans supplied by others)
- General Fit 7.6" Chiller Bar Spacing
- Sloped Rail
- 14" White Poly Cutting Board (2 row pan rail models)
- 8" White Poly Cutting Board (3 row pan rail models)
- 20" Stainless Steel Door
- Standard Hinging: Left/Right/Right (other hings available)
- Self-Closing Door(s) with Stay-Open Feature at 120 Degrees
- Metal Door Handle(s) with Gasket Guard
- Magnetic Snap-In Door Gasket(s)
- Two (2) Powder Coated Shelves Per Door (factory installed)
- Stainless Steel Lift-Off Night Cover
- Thermostatic Expansion Valve Metering Device
- 9' Cord & Plug Attached
- Set of Four (4) 6" High Casters
- Three (3) Year Parts and Labor Warranty
- Five (5) Year Compressor Warranty

ACCESSORIES & OPTIONS

- ▣ Drawers in Lieu of Door(s)
- ▣ Trayslides
- ▣ Stainless Steel Finished Back
- ▣ Set of Four (4) 4" High Casters in Lieu of Standard Casters
- ▣ Set of Four (4) 6" High Legs in Lieu of Standard Casters
- ▣ Full Length Removable Composite (richlite brown) Cutting Board
- ▣ **Hinged Night Cover (2 row pan rail models only)**
- ▣ **Stainless Steel Single** or Double Overshelf

AVAILABLE CONFIGURATIONS

46", 60", 65", 71", 91" & 113" Wide Models

2 Row Pan Rail

91" Long Model for 12 x 1/6 Pans

Model

KBP091SL2

3 Row Pan Rail

91" Long Model for 18 x 1/6 Pans

Model

KBP091SL3

KBP SERIES - FULL SIZE GLYCOL PREP TABLES

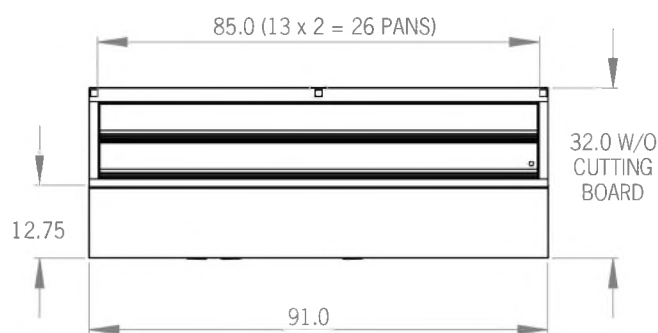
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MODELS

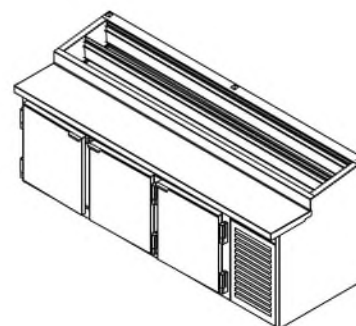
91" Long Models: **KBP091SL2**, KBP091SL3

2 Row Pan Rail Model

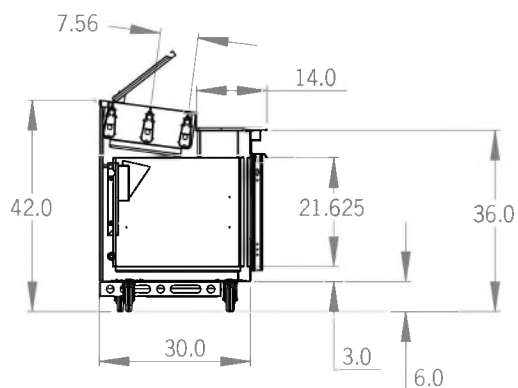
Plan View



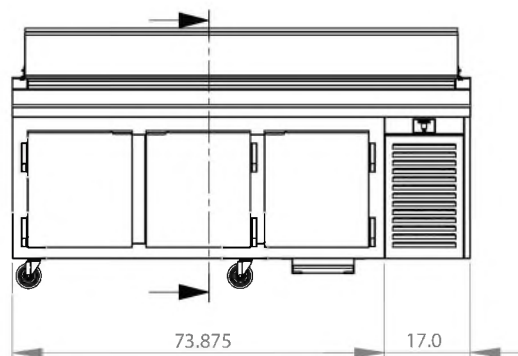
Isometric View



Section View

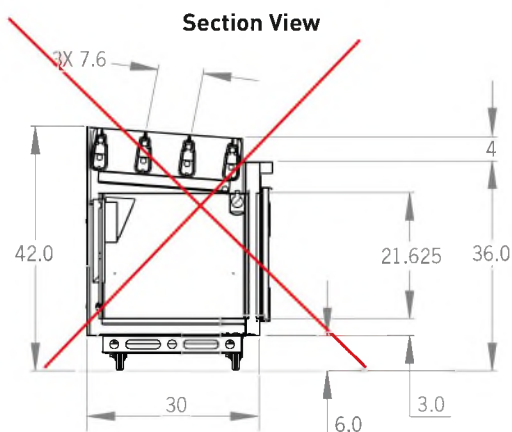


Elevation View



~~3 Row Pan Rail Model~~

~~Section View~~





KBP SERIES

Full Size Glycol Prep Table Self Contained
91" Two & Three Row Pan Models

MODELS

91" Long Models: KBP091SL2, KBP091SL3

MODELS	KBP091SL2	KBP091SL3
DIMENSIONAL DATA		
Net Capacity cu. ft	23.4 [662.6 l]	23.4 [662.6 l]
Length - Overall in.	91 [231.1 cm]	91 [231.1 cm]
Depth - Overall in.	33.5 [85.1 cm] ¹	35 [88.9 cm] ²
Height - Overall in. ³	42 [106.7 cm]	42 [106.7 cm]
Height with Lid Open in. ⁴	50 [127 cm]	50 [127 cm]
Clear Door Width in.	18.5 [47 cm]	18.5 [47 cm]
Clear Door Height in.	21 [53.3 cm]	21 [53.3 cm]
No. of Doors	3	3
Standard Door Hinging	LH/RH/RH	LH/RH/RH
No. of Standard Shelves	6	6
Work Surface Height in.	36 [91.4 cm]	36 [91.4 cm]
No. of 1/6 Size Pans	26	39
Weight lbs.	940 [426.4 kg]	940 [426.4 kg]
ELECTRICAL DATA		
Voltage	115/60/1	115/60/1
Plug (attached)	NEMA 5-15P	NEMA 5-20P
Full Load Amperes	10	12
REFRIGERATION DATA⁴		
Refrigerant	R-450A	R-450A
Refrigerant Amount oz.	16.5 [467.8 gr]	12 [340.2 gr]
BTU/HR - HP ⁵	4100 1/2	6320 3/4

Figures in parentheses reflect metric equivalents.

NOTES:

- Overall depth with standard 14" cutting board.
- Overall depth with standard 8" cutting board. Optional 10" cutting board = 37" overall depth. Optional 14" cutting board = 41" overall depth.
- Height shown when mounted on standard 6" high casters.
- Height shown when mounted on standard 6" high casters and the lid in fully open position.
- Based on a 90°F ambient and 20°F evaporator.



2 Row Pan Rail models equipped with one NEMA 5-15P Plug



3 Row Pan Rail models equipped with one NEMA 5-20P Plug

Full load amps and plug style may vary depending on electrical options chosen and condensing unit employed.

When ordering please specify voltage, hinging, and optional accessories.

EQUIPMENT SPECIFICATIONS

CONSTRUCTION, HARDWARE, INSULATION

Unit exterior front, top and sides are constructed of stainless steel, exterior back and bottom are constructed of galvanized steel. Cabinet interior is constructed of stainless steel. A set of 6" high casters are provided standard.

The stainless steel 4" high raised ingredient rail is slightly sloped toward the operator with a glycol pan chiller system composed of anodized aluminum horizontal chiller plates to accommodate 1/3, 1/6 and 1/9 size pans up to 8" deep. Stainless steel lift-off night cover is included standard.

Door(s) are equipped with guaranteed for life self-closing cam-lift hinges with a stay-open feature at 120 degrees. A metal door handle with gasket guard is standard on all units.

The cabinet is insulated with an average of 2" thick high density, non-CFC, foamed in place polyurethane.

SELF-CONTAINED REFRIGERATION SYSTEM

The self-contained refrigeration system cools the cabinet interior, as well as the raised ingredient rail through use of propylene glycol chiller plates, creating proximity cooling around the pans. This patented rail system keeps pans cold without freezing product and allows for "all-day" temperature performance to NSF7 test requirements. The condensing unit utilizes a hermetically sealed compressor, glycol pump, glycol heat exchanger, and glycol expansion tank, with most components easily accessible behind louver panel. A 9' cord and plug is supplied standard. Standard base operating temperature is 34°F to 38°F (1.1 °C to 3.3°C).

CONTROL

The easy to use water resistant microprocessor control system is supplied standard. It includes a 3-Digit LED Display, and a Fahrenheit or Celsius Temperature Scale Display Capability.

INTERIOR ARRANGEMENTS

Standard interior arrangements include two (2) powder coated wire shelves per door, mounted on shelf pins. Recommended load limit per shelf should not exceed 225 lbs. Optional tray slides may be purchased in combination with, or in lieu of these. Both standard and optional interior arrangements are completely installed at the factory.

WARRANTY

Both a three year parts and labor warranty and a five year compressor warranty (self-contained models only) are provided standard.

RECOMMENDED PAN BRANDS FOR STANDARD PAN CHILLER FIT AND SPACING

BRAND	ITEM DESCRIPTION
Cambro	Polypropylene
Cambro	Polycarbonate
Carlisle	Polycarbonate
Carlisle	Stainless Steel
SyscoWare/Vollrath	SPI
SyscoWare/Vollrath	SPIII
Rubbermaid	Polycarbonate
JR	S/S
Crestware	S/S

CONTINUED PRODUCT DEVELOPMENT MAY NECESSITATE SPECIFICATION CHANGES WITHOUT NOTICE.



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ITEM #: _____ QTY: _____
MODEL #: _____
PROJECT NAME: _____

101818

3601 S. Banker St. Effingham, IL 62401 • P.O. BOX 609 • Ph: (888) 431-2667 • Fax: (800) 433-2667

"ST6-GSK" STAINLESS STEEL TOP WORK TABLES **16GA TOP AND GALV LEGS AND ADJUSTABLE UNDERSHELF**



FEATURES:

- 16 GAUGE STAINLESS STEEL TOP
- TYPE 300 STAINLESS STEEL WITH # 4 POLISH, SATIN FINISH
- TOP IS SOUND DEADENED
- REINFORCED WITH 1"X2" CHANNEL RUNNING ENTIRE LENGTH OF TABLE
- 1-1/2" STALLION EDGE ON FRONT AND REAR WITH SIDE EDGES
- 90 DEGREE BEND DOWN FOR TABLE LINE-UP
- GALVANIZED BASE WITH ADJUSTABLE UNDERSHELF
- SHIPPED KNOCKED-DOWN, EASY - TO - ASSEMBLE
- NSF AND CSA CERTIFIED

CONSTRUCTION:

- TOP: STAINLESS STEEL TOPS ARE TIG WELDED, EXPOSED WELDS ARE POLISHED TO MATCH ADJACENT SURFACE.

MATERIAL:

- TOP: 16 GAUGE STAINLESS STEEL TYPE 300 STAINLESS STEEL WITH # 4 POLISH, SATIN FINISH
- SHELF: 18 GAUGE GALVANIZED STEEL, (36" WIDE TABLES, 16 GAUGE LOWER SHELF)
- LEGS: 1-5/8" ROUND O.D., 16 GAUGE TUBULAR GALVANIZED STEEL
- GUSSETS: GALVANIZED STEEL
- FEET: 1" ADJUSTABLE STAINLESS STEEL BULLET FEET



ST6-3048GSK



ADJUSTABLE SHELF

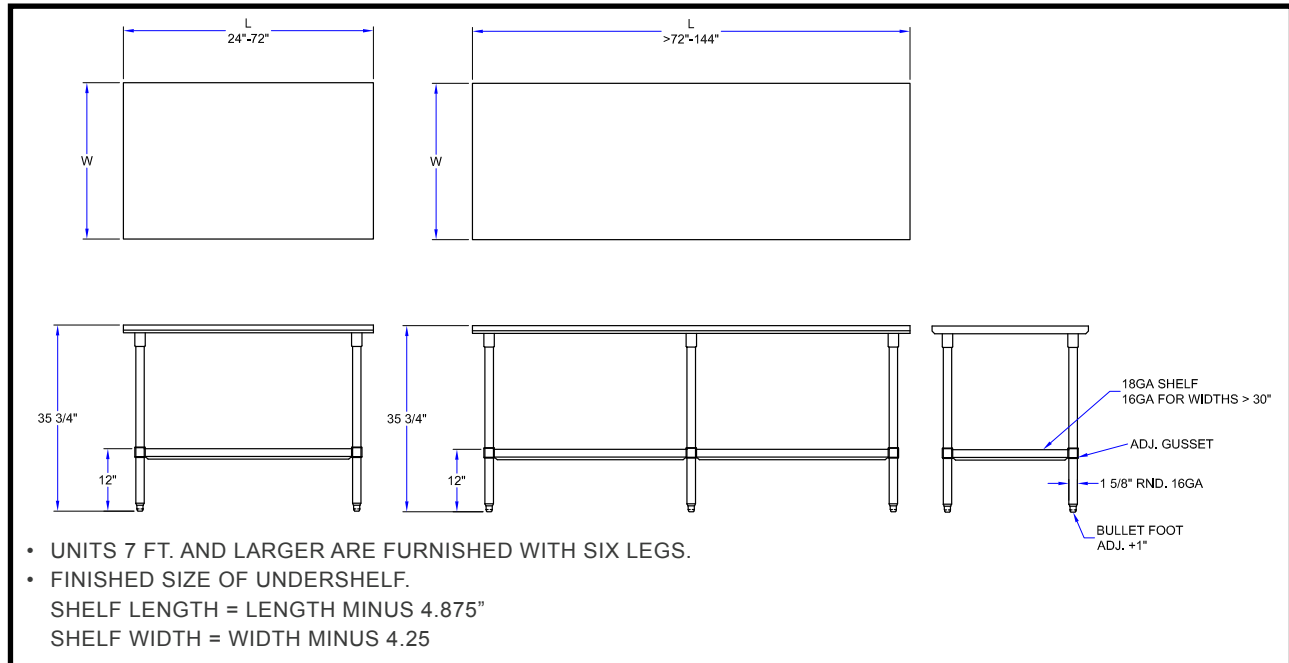
16 GAUGE TOP W/ ADJUSTABLE SHELF

24" WIDE	QTY	30" WIDE	QTY	36" WIDE	QTY
ST6-2424GSK		ST6-3024GSK		ST6-3624GSK	
ST6-2430GSK		ST6-3030GSK		ST6-3630GSK	
ST6-2436GSK		ST6-3036GSK		ST6-3636GSK	
ST6-2448GSK		ST6-3048GSK		ST6-3648GSK	
ST6-2460GSK		ST6-3060GSK		ST6-3660GSK	
ST6-2472GSK		ST6-3072GSK		ST6-3672GSK	
ST6-2484GSK		ST6-3084GSK		ST6-3684GSK	
ST6-2496GSK		ST6-3096GSK		ST6-3696GSK	
ST6-24108GSK		ST6-30108GSK		ST6-36108GSK	
ST6-24120GSK		ST6-30120GSK		ST6-36120GSK	
ST6-24132GSK		ST6-30132GSK		ST6-36132GSK	
ST6-24144GSK		ST6-30144GSK		ST6-36144GSK	

OPTIONAL ACCESSORIES

DESCRIPTION	MODEL #	QTY
DRAWER		
DRAWER LOCK		
CASTERS		
OVERSHELVES		
SINKS		
POT RACK		

DETAILED SPECIFICATIONS

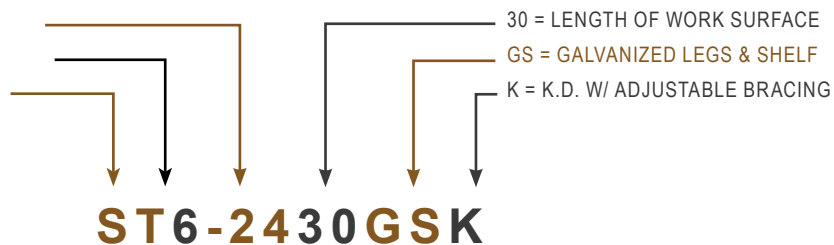


16 GAUGE TOP W/ ADJUSTABLE SHELF

LENGTH	24" WIDE	WT. (LBS)	30" WIDE	WT. (LBS)	36" WIDE	WT. (LBS)
24"	ST6-2424GSK	42	ST6-3024GSK	47	ST6-3624GSK	56
30"	ST6-2430GSK	47	ST6-3030GSK	53	ST6-3630GSK	66
36"	ST6-2436GSK	53	ST6-3036GSK	60	ST6-3636GSK	73
48"	ST6-2448GSK	65	ST6-3048GSK	74	ST6-3648GSK	90
60"	ST6-2460GSK	76	ST6-3060GSK	88	ST6-3660GSK	107
72"	ST6-2472GSK	88	ST6-3072GSK	101	ST6-3672GSK	126
84"	ST6-2484GSK	107	ST6-3084GSK	123	ST6-3684GSK	152
96"	ST6-2496GSK	118	ST6-3096GSK	136	ST6-3696GSK	170
108"	ST6-24108GSK	130	ST6-30108GSK	149	ST6-36108GSK	187
120"	ST6-24120GSK	140	ST6-30120GSK	163	ST6-36108GSK	204
132"	ST6-24132GSK	152	ST6-30132GSK	177	ST6-36132GSK	221
144"	ST6-24144GSK	164	ST6-30144GSK	191	ST6-36144GSK	238

MODEL # STRUCTURE

24 = WIDTH OF WORK SURFACE
6 = 16GA WORK SURFACE
ST = STAINLESS STEEL TOP



SOME UNITS SHIP UNASSEMBLED FOR REDUCED SHIPPING COST. ALL DIMENSIONS ARE TYPICAL. TOLERANCE +/- .500"

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ITEM #: _____ QTY: _____
MODEL #: _____
PROJECT NAME: _____

071917

3601 S. Banker St. Effingham, IL 62401 • P.O. BOX 609 • Ph: (888) 431-2667 • Fax: (800) 433-2667

"ST4R5-SSK" STAINLESS STEEL TOP WORK TABLES



14GA TOP W/ 5" RISER AND STAINLESS STEEL LEGS AND ADJUSTABLE UNDERSHELF

FEATURES:

- 14 GAUGE STAINLESS STEEL TOP W/ 5" RISER & TURNDOWN
- TYPE 300 STAINLESS STEEL WITH # 4 POLISH, SATIN FINISH
- TOP IS SOUND DEADENED
- REINFORCED WITH 1"X2" CHANNEL RUNNING ENTIRE LENGTH OF TABLE
- 1-1/2" STALLION EDGE ON FRONT SIDE EDGES
90 DEGREE BEND DOWN FOR TABLE LINE-UP
- STAINLESS STEEL BASE WITH ADJUSTABLE UNDERSHELF
- ADJUSTABLE BULLET FEET
- SHIPPED KNOCKED-DOWN, EASY-TO-ASSEMBLE
- NSF AND CSA CERTIFIED



ST4R5-3048SSK

CONSTRUCTION:

- TOP: STAINLESS STEEL TOPS ARE TIG WELDED,
EXPOSED WELDS ARE POLISHED TO MATCH ADJACENT SURFACE.

MATERIAL:

- TOP: 14 GAUGE STAINLESS STEEL TYPE 300 STAINLESS STEEL
WITH # 4 POLISH, SATIN FINISH
- SHELF: 18 GAUGE STAINLESS STEEL,
(36" WIDE TABLES, 16 GAUGE LOWER SHELF)
- LEGS: 1-5/8" ROUND O.D. 16 GAUGE TUBULAR STAINLESS STEEL
- GUSSETS: STAINLESS STEEL
- FEET: 1" ADJUSTABLE STAINLESS BULLET FEET



ADJUSTABLE SHELF

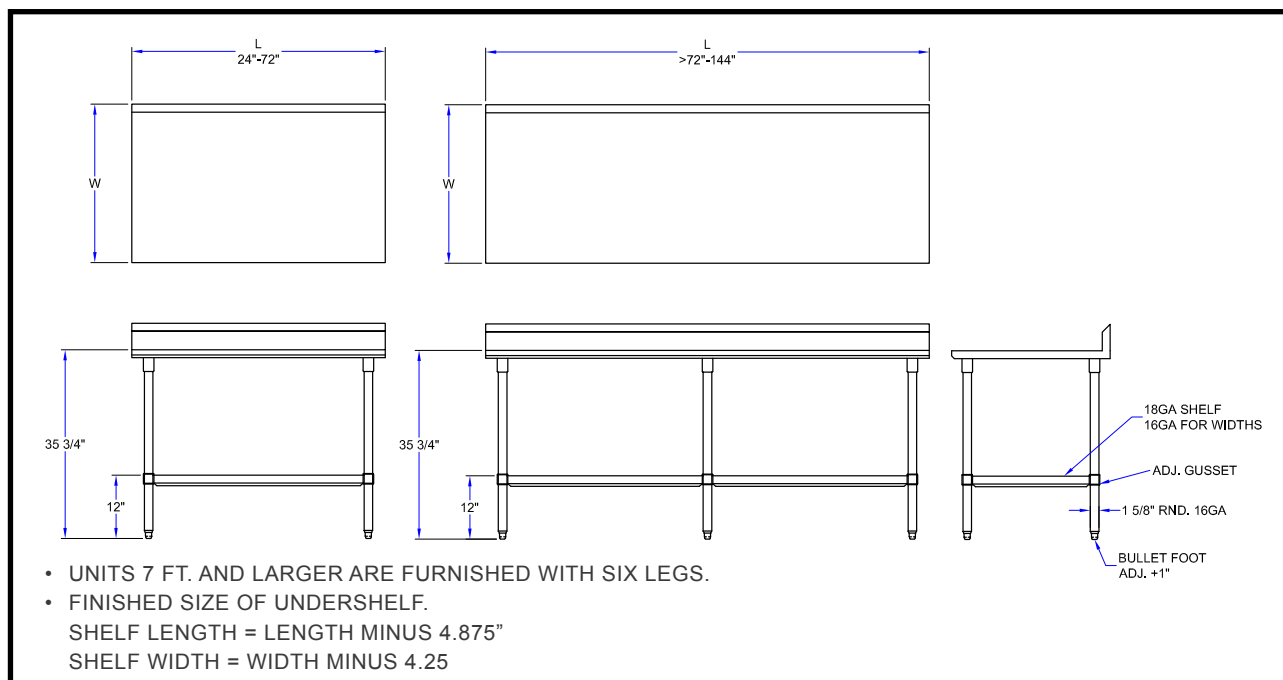
14 GAUGE TOP W/ ADJUSTABLE SHELF

24" WIDE	QTY	30" WIDE	QTY	36" WIDE	QTY
ST4R5-2424SSK		ST4R5-3024SSK		ST4R5-3624SSK	
ST4R5-2430SSK		ST4R5-3030SSK		ST4R5-3630SSK	
ST4R5-2436SSK		ST4R5-3036SSK		ST4R5-3636SSK	
ST4R5-2448SSK		ST4R5-3048SSK		ST4R5-3648SSK	
ST4R5-2460SSK		ST4R5-3060SSK		ST4R5-3660SSK	
ST4R5-2472SSK		ST4R5-3072SSK		ST4R5-3672SSK	
ST4R5-2484SSK		ST4R5-3084SSK		ST4R5-3684SSK	
ST4R5-2496SSK		ST4R5-3096SSK		ST4R5-3696SSK	
ST4R5-24108SSK		ST4R5-30108SSK		ST4R5-36108SSK	
ST4R5-24120SSK		ST4R5-30120SSK		ST4R5-36120SSK	
ST4R5-24132SSK		ST4R5-30132SSK		ST4R5-36132SSK	
ST4R5-24144SSK		ST4R5-30144SSK		ST4R5-36144SSK	

OPTIONAL ACCESSORIES

DESCRIPTION	MODEL #	QTY
DRAWER		
DRAWER LOCK		
CASTERS		
OVERSHELVES		
SINKS		
POT RACK		

DETAILED SPECIFICATIONS

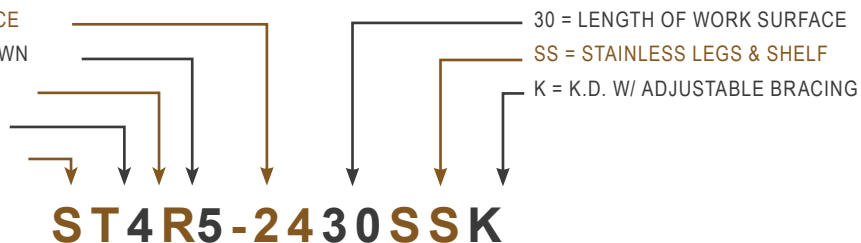


14 GAUGE TOP W/ ADJUSTABLE UNDERSHELF

LENGTH	24" WIDE	WT. (LBS)	30" WIDE	WT. (LBS)	36" WIDE	WT. (LBS)
24"	ST4R5-2424SSK	48	ST4R5-3024SSK	54	ST4R5-3624SSK	63
30"	ST4R5-2430SSK	54	ST4R5-3030SSK	61	ST4R5-3630SSK	75
36"	ST4R5-2436SSK	61	ST4R5-3036SSK	69	ST4R5-3636SSK	84
48"	ST4R5-2448SSK	75	ST4R5-3048SSK	86	ST4R5-3648SSK	104
60"	ST4R5-2460SSK	89	ST4R5-3060SSK	103	ST4R5-3660SSK	124
72"	ST4R5-2472SSK	104	ST4R5-3072SSK	119	ST4R5-3672SSK	145
84"	ST4R5-2484SSK	125	ST4R5-3084SSK	143	ST4R5-3684SSK	176
96"	ST4R5-2496SSK	139	ST4R5-3096SSK	160	ST4R5-3696SSK	197
108"	ST4R5-24108SSK	153	ST4R5-30108SSK	176	ST4R5-36108SSK	217
120"	ST4R5-24120SSK	166	ST4R5-30120SSK	193	ST4R5-36120SSK	238
132"	ST4R5-24132SSK	180	ST4R5-30132SSK	209	ST4R5-36132SSK	258
144"	ST4R5-24144SSK	194	ST4R5-30144SSK	226	ST4R5-36144SSK	278

MODEL # STRUCTURE

24 = WIDTH OF WORK SURFACE
5 = HT. OF RISER W/ TURNDOWN
R = RISER TOP WORK TABLE
4 = 14GA WORK SURFACE
ST = STAINLESS STEEL TOP



SOME UNITS SHIP UNASSEMBLED FOR REDUCED SHIPPING COST. ALL DIMENSIONS ARE TYPICAL. TOLERANCE +/- .500"

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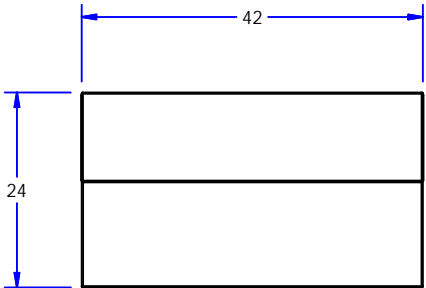
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211

PARTS LIST									PARTS LIST								
ITEM	QTY	DESCRIPTION	RAW MATERIAL	DRAWING #	LENGTH	WIDTH	FLAT LENGTH	FLAT WIDTH	ITEM	QTY	DESCRIPTION	RAW MATERIAL	DRAWING #	LENGTH	WIDTH	FLAT LENGTH	FLAT WIDTH
1	4	FOOT SS RD BULLET	468-114-R						8	1	CUBBIE BASE	SHEET 16GA/301 SS	CUSTOM			60.322	21.132
2	4	GUSSET SS SHELF	468-215-1.875D						9	1	CUBBIE TOP	SHEET 16GA/301 SS	CUSTOM	42.000	11.000	43.755	12.755
3	4	GUSSET SS 1.0	468-215-1.9375S						10	3	DIVIDER	SHEET 16GA/301 SS	CUSTOM			10.753	9.377
4	4	GUSSET SS 1-5/8	468-215-3.125S						11	1	JBC-ADJ	SHEET 18GA/430 SS				39.663	22.163
5	2	OS MTG BRKT	SHEET 14GA/301 SS	CUSTOM	10.500	2.000	10.500	3.357	12	4	OS LEG 1_0	TUBING 1.0 RND - 18GA/300 SS		19.375			
6	1	TOP SSFF	SHEET 14GA/301 SS	ST114	42.000	24.000	44.714	27.004	13	4	LEG RND 1.625	TUBING 1.625 RND - 16GA/300 SS		33.250			
7	2	CHANNEL	SHEET 16GA/301 SS	CUSTOM			10.500	2.877	14	2	TUBE RECT 1x2 18GA GALV	TUBING 1x2 RECT - 18GA/GALV		41.750			

NOTES:
- UNDERSHELF INSTALLED AT 10" A.F.F.
- 16GA SS BOX STORAGE OVERSHELF w/ DIVIDERS (TACK WELDED WHERE REQUIRED)

LOOSE HARDWARE:		
QTY	MODEL #	DESCRIPTION



ANGLE BRACKET DETAIL

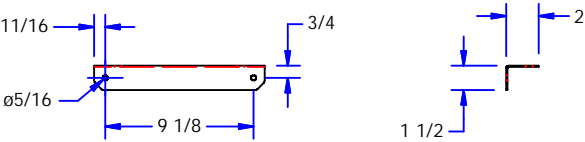
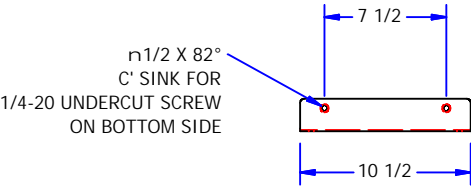
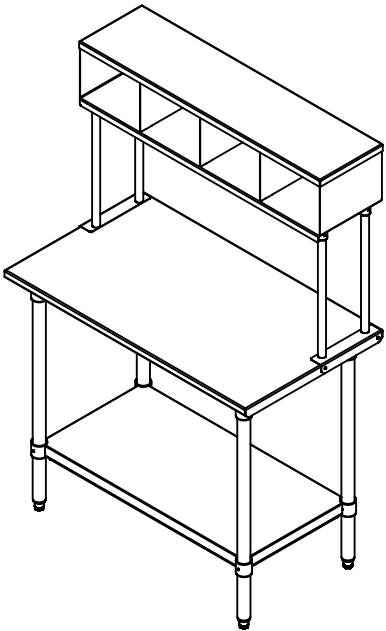
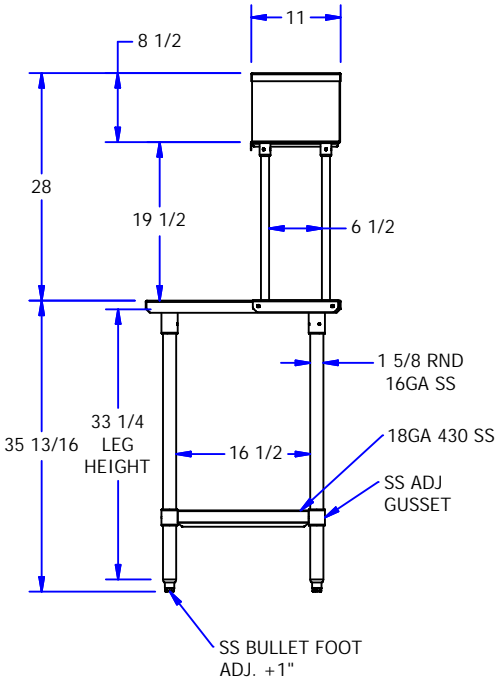
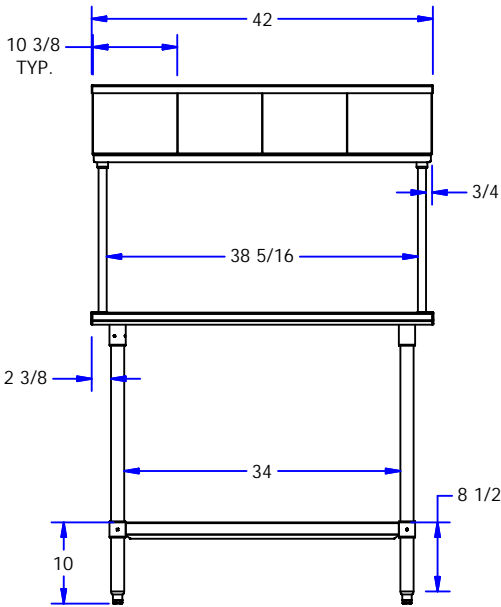
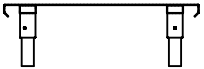


TABLE DETAIL




MFG. INITIALS:				
LAYOUT:				
BRAKE:				
WELDER:	B	TN	10/7/2020	REVISED LEG HEIGHT FROM 11.875" TO 19.375"
POLISHER:	A	TN	10/4/2019	REVISED CUBBIE TO HAVE 1" TURN-DOWN. REVISED CUBBIE HEIGHT & DEPTH. REVISED LEG SPACING.
CRATING:	REV	BY	DATE	DESCRIPTION
REVISION HISTORY				

APPROVED

APPROVED AS NOTED

REVISED & RESUBMIT



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P.O. BOX 609

EFFINGHAM, IL 62401

PH: 888-431-2667 / FAX: 800-433-2667

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QUOTE NUMBER:

DATE:

10/3/2019

SCALE:

1/2"=1' on B

DRAWN BY:

JSK

REQUESTED BY:

KEC DESIGN LLC

JIMMY JOHNS

SHEET NUMBER:

QUANTITY:

DECK

14GA/300 SS

BASE

SS

QUAD LOCATION:

ITEM NUMBER:

MODEL NUMBER:

Z-JJRT-2442

ROOM NUMBER:

WEIGHT:

103 lbmass

SALES ORDER

NUMBER:

APPROVED BY

DATE

PARTS LIST									PARTS LIST								
ITEM	QTY	DESCRIPTION	RAW MATERIAL	DRAWING #	LENGTH	WIDTH	FLAT LENGTH	FLAT WIDTH	ITEM	QTY	DESCRIPTION	RAW MATERIAL	DRAWING #	LENGTH	WIDTH	FLAT LENGTH	FLAT WIDTH
1	4	FOOT SS RD BULLET	468-114-R						8	1	CUBBIE BASE	SHEET 16GA/301 SS	CUSTOM			66.322	21.132
2	4	GUSSET SS SHELF	468-215-1.875D						9	1	CUBBIE TOP	SHEET 16GA/301 SS	CUSTOM	48.000	11.000	49.755	12.755
3	4	GUSSET SS 1.0	468-215-1.9375S						10	3	DIVIDER	SHEET 16GA/301 SS	CUSTOM			10.753	9.377
4	4	GUSSET SS 1-5/8	468-215-3.125S						11	1	JBC-ADJ	SHEET 18GA/430 SS				0.000	0.000
5	2	OS MTG BRKT	SHEET 14GA/301 SS	CUSTOM	10.500	2.000	10.500	3.357	12	4	OS LEG 1_0	TUBING 1.0 RND - 18GA/300 SS		19.375			
6	1	TOP SSFF	SHEET 14GA/301 SS	ST114	48.000	24.000	50.714	27.004	13	4	LEG RND 1.625	TUBING 1.625 RND - 16GA/300 SS		33.250			
7	2	CHANNEL	SHEET 16GA/301 SS	CUSTOM			10.500	2.877	14	2	TUBE RECT 1x2 18GA GALV	TUBING 1x2 RECT - 18GA/GALV		47.750			

NOTES:
- UNDERSHELF INSTALLED AT 10" A.F.F.
- 16GA SS BOX STORAGE OVERSHELF w/ DIVIDERS (TACK WELDED WHERE REQUIRED)

LOOSE HARDWARE:		
QTY	MODEL #	DESCRIPTION

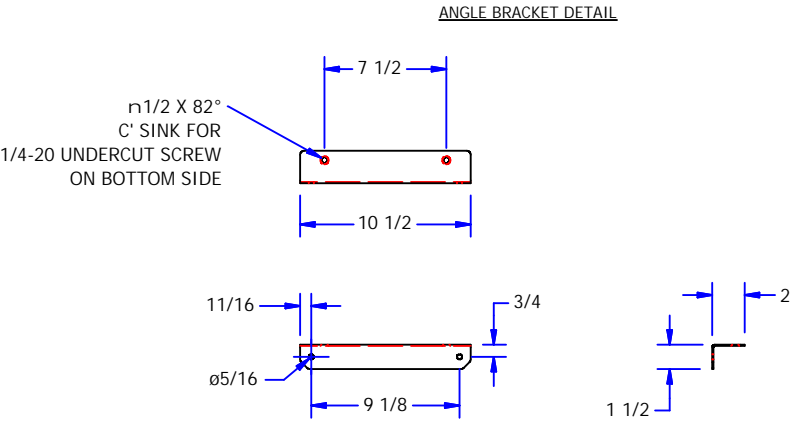
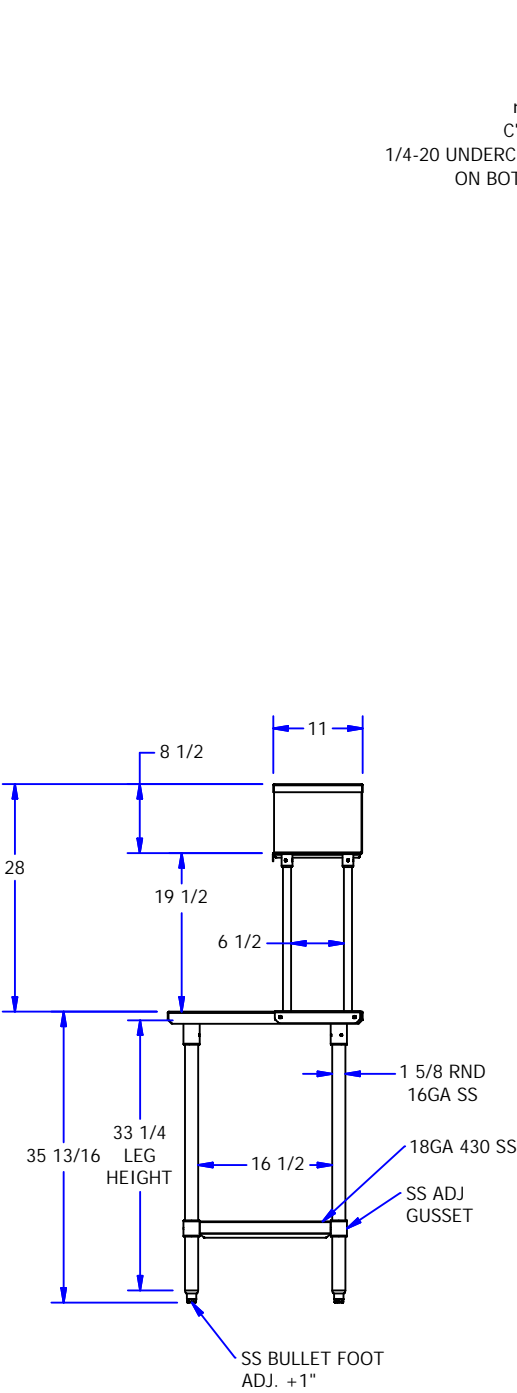
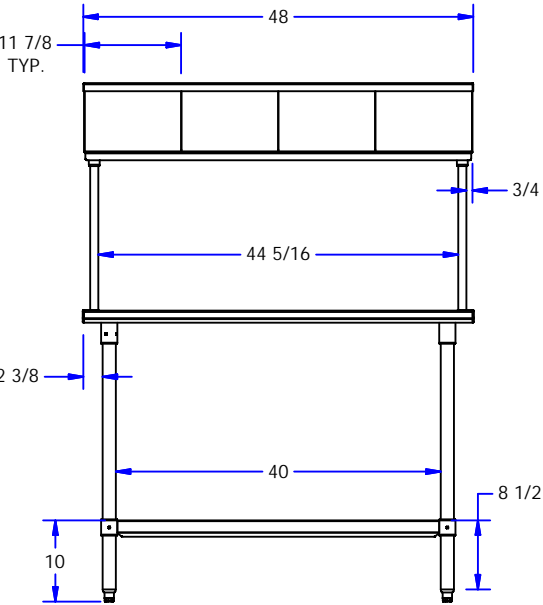
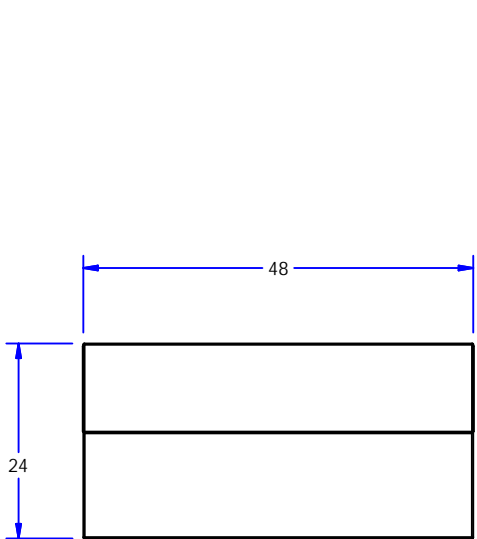
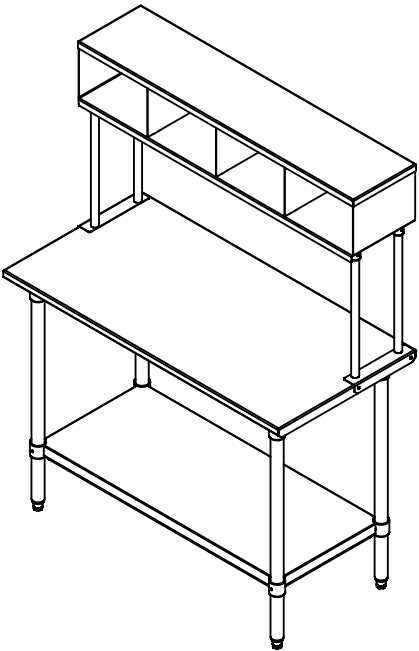
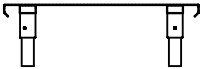



TABLE DETAIL



MFG. INITIALS:				
LAYOUT:				
BRAKE:				
WELDER:	B	TN	10/7/2020	REVISED CUBBIE LEG HEIGHT FROM 11.875" TO 19.375".
POLISHER:	A	TN	10/4/2019	REVISED CUBBIE TO HAVE 1" TURN-DOWN. REVISED CUBBIE HEIGHT & DEPTH. REVISED LEG SPACING.
CRATING:	REV	BY	DATE	DESCRIPTION
REVISION HISTORY				

<div><div><div></div><div></div><div></div></div><div>APPROVED</div><div>APPROVED AS NOTED</div><div>REVISED & RESUBMIT</div></div> <div>APPROVED BY</div> <div>DATE</div>	<div><div><div>John BOOS</div><div>Since 1887</div></div><div>3601 SOUTH BANKER STREET P.O. BOX 609 EFFINGHAM, IL 62401 PH: 888-431-2667 / FAX: 800-433-2667 E-MAIL: sales@johnboos.com Web Site: www.johnboos.com</div><div><div>NSF</div><div>SP</div><div>SANITATION</div><div>UL</div><div>us</div></div><div>THIS DRAWING AND THE DESIGN SHOWN ARE THE PROPERTY OF JOHN BOOS & CO. REPRODUCTION, INFRINGEMENT OR ANY OTHER UNAUTHORIZED USE OF THIS DRAWING WITHOUT THE WRITTEN CONSENT OF JOHN BOOS & CO. WILL BE SUBJECT TO LEGAL ACTION.</div></div>	QUOTE NUMBER:	KEC DESIGN LLC				
		DATE: 10/3/2019	JIMMY JOHNS				
		SCALE: 1/2"=1' on B	SHEET NUMBER:	QUANTITY:	DECK 14GA/300 SS	BASE SS	
		DRAWN BY: JSK	QUAD LOCATION:	ITEM NUMBER: 1	MODEL NUMBER: Z-JJRT-2448		
		REQUESTED BY:	ROOM NUMBER:	WEIGHT: 113 lbmass	SALES ORDER NUMBER:		

PARTS LIST									PARTS LIST								
ITEM	QTY	DESCRIPTION	RAW MATERIAL	DRAWING #	LENGTH	WIDTH	FLAT LENGTH	FLAT WIDTH	ITEM	QTY	DESCRIPTION	RAW MATERIAL	DRAWING #	LENGTH	WIDTH	FLAT LENGTH	FLAT WIDTH
1	4	FOOT SS RD BULLET	468-114-R						8	1	CUBBIE BASE	SHEET 16GA/301 SS	CUSTOM			78.322	21.132
2	4	GUSSET SS SHELF	468-215-1.875D						9	1	CUBBIE TOP	SHEET 16GA/301 SS	CUSTOM	60.000	11.000	61.755	12.755
3	4	GUSSET SS 1.0	468-215-1.9375S						10	5	DIVIDER	SHEET 16GA/301 SS	CUSTOM			10.753	9.377
4	4	GUSSET SS 1-5/8	468-215-3.125S						11	1	JBC-ADJ	SHEET 18GA/430 SS				0.000	0.000
5	2	OS MTG BRKT	SHEET 14GA/301 SS	CUSTOM	10.500	2.000	10.500	3.357	12	4	OS LEG 1_0	TUBING 1.0 RND - 18GA/300 SS		19.375			
6	1	TOP SSFF	SHEET 14GA/301 SS	ST114	60.000	24.000	62.714	27.004	13	4	LEG RND 1.625	TUBING 1.625 RND - 16GA/300 SS		33.250			
7	2	CHANNEL	SHEET 16GA/301 SS	CUSTOM			10.500	2.877	14	2	TUBE RECT 1x2 18GA GALV	TUBING 1x2 RECT - 18GA/GALV		59.750			

NOTES:
- UNDERSHELF INSTALLED AT 10" A.F.F.
- 16GA SS BOX STORAGE OVERSHELF w/ DIVIDERS (TACK WELDED WHERE REQUIRED)

LOOSE HARDWARE:		
QTY	MODEL #	DESCRIPTION

ANGLE BRACKET DETAIL

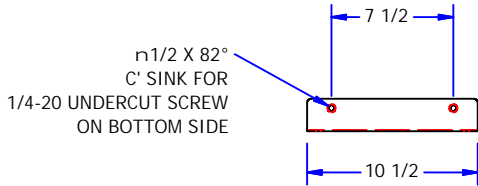
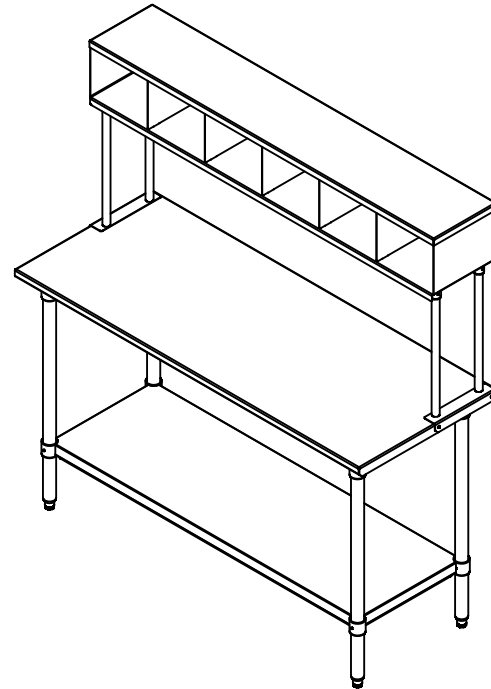
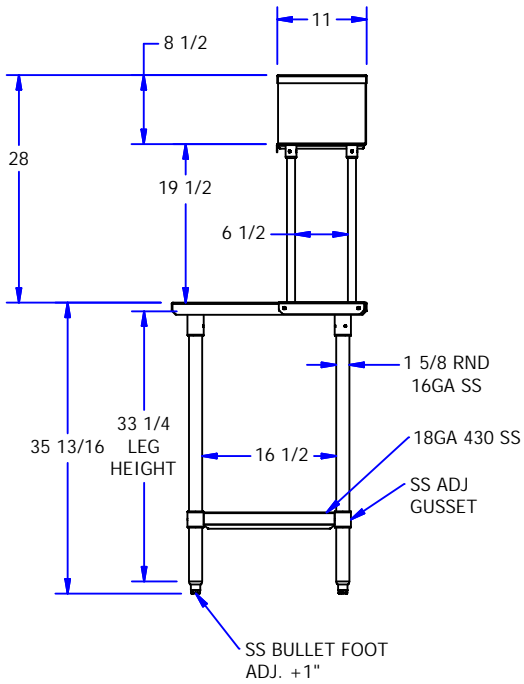
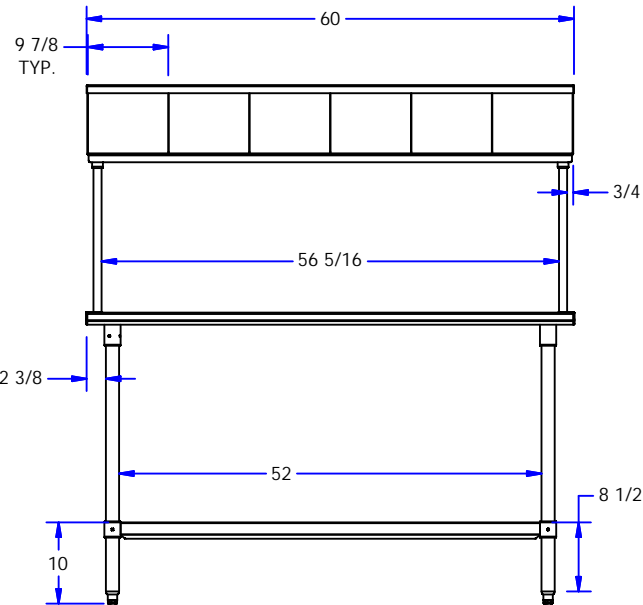
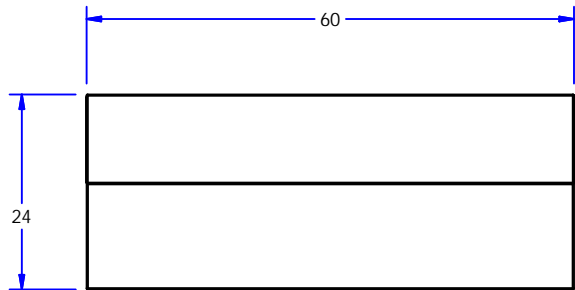
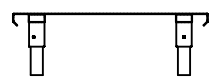






TABLE DETAIL



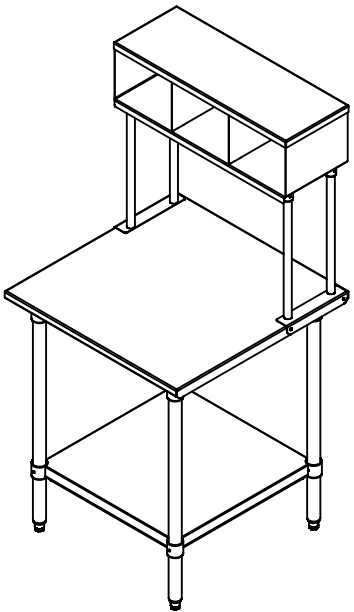
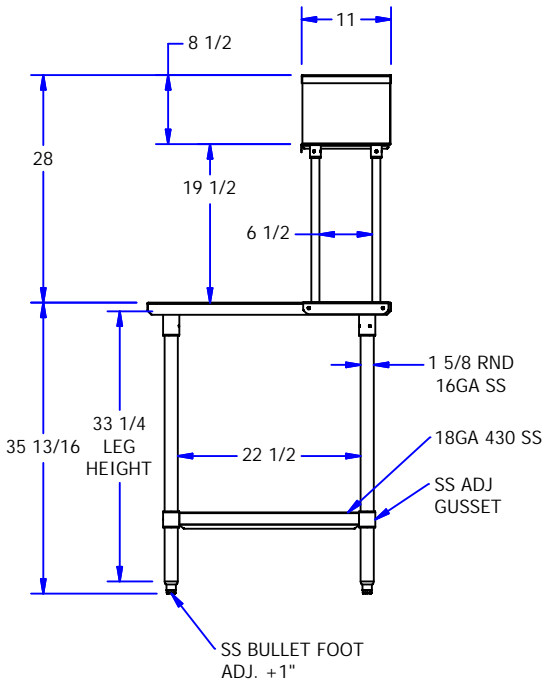
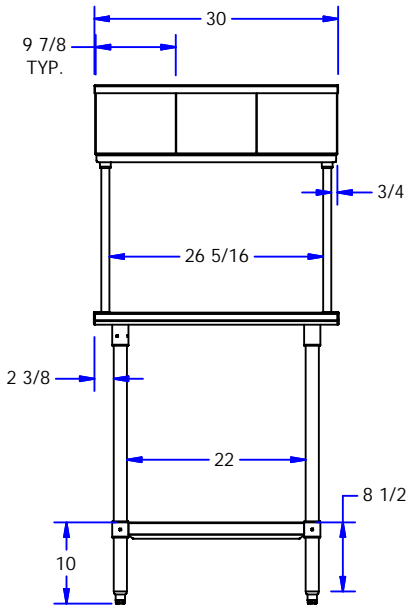
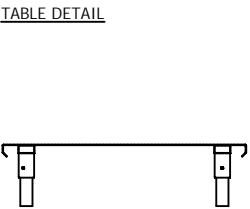
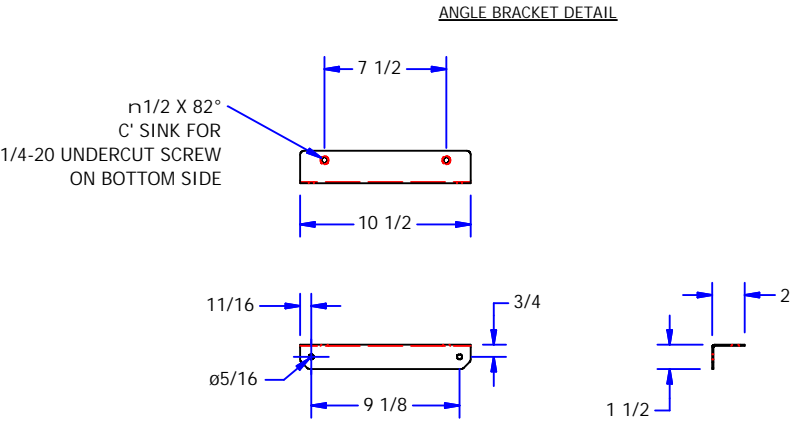
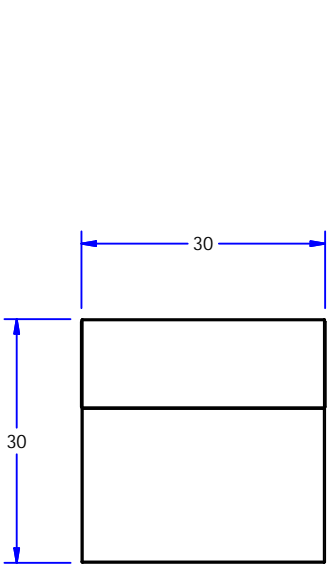
MFG. INITIALS:					
LAYOUT:					
BRAKE:					
WELDER:		B	TN	10/7/2020	REVISED CUBBIE LEG HEIGHT FROM 11.875" TO 19.375".
POLISHER:		A	TN	10/4/2019	REVISED CUBBIE TO HAVE 1" TURN-DOWN. REVISED CUBBIE HEIGHT & DEPTH. REVISED LEG SPACING.
		REV	BY	DATE	DESCRIPTION
CRATING:		REVISION HISTORY			

<div><div>APPROVED</div><div>APPROVED AS NOTED</div><div>REVISED & RESUBMIT</div></div> <div><div>APPROVED BY</div><div>DATE</div></div>	<div><div></div><div>3601 SOUTH BANKER STREET P.O. BOX 609 EFFINGHAM, IL 62401 PH: 888-431-2667 / FAX: 800-433-2667 E-MAIL: sales@johnboos.com Web Site: www.johnboos.com</div></div>	<div><div></div><div></div><div>NSF SANITATION</div></div> <div><div></div></div>	QUOTE NUMBER:	KEC DESIGN LLC				
	DATE: 10/3/2019	JIMMY JOHNS						
	SCALE: 1/2" = 1' on B	SHEET NUMBER:	QUANTITY:	DECK 14GA/300 SS	BASE SS			
	DRAWN BY: JSK	QUAD LOCATION:	ITEM NUMBER: 1	MODEL NUMBER: Z-JJRT-2460				
	REQUESTED BY:	ROOM NUMBER:	WEIGHT: N/A	SALES ORDER NUMBER:				





PARTS LIST									PARTS LIST								
ITEM	QTY	DESCRIPTION	RAW MATERIAL	DRAWING #	LENGTH	WIDTH	FLAT LENGTH	FLAT WIDTH	ITEM	QTY	DESCRIPTION	RAW MATERIAL	DRAWING #	LENGTH	WIDTH	FLAT LENGTH	FLAT WIDTH
1	4	FOOT SS RD BULLET	468-114-R						8	1	CUBBIE BASE	SHEET 16GA/301 SS	CUSTOM			0.000	0.000
2	4	GUSSET SS SHELF	468-215-1.875D						9	1	CUBBIE TOP	SHEET 16GA/301 SS	CUSTOM	30.000	11.000	31.755	12.755
3	4	GUSSET SS 1.0	468-215-1.9375S						10	2	DIVIDER	SHEET 16GA/301 SS	CUSTOM			10.753	9.377
4	4	GUSSET SS 1-5/8	468-215-3.125S						11	1	JBC-ADJ	SHEET 18GA/430 SS				0.000	0.000
5	2	OS MTG BRKT	SHEET 14GA/301 SS	CUSTOM	10.500	2.000	10.500	3.357	12	4	OS LEG 1_0	TUBING 1.0 RND - 18GA/300 SS		19.375			
6	1	TOP SSFF	SHEET 14GA/301 SS	ST114	30.000	30.000	32.714	33.004	13	4	LEG RND 1.625	TUBING 1.625 RND - 16GA/300 SS		33.250			
7	2	CHANNEL	SHEET 16GA/301 SS	CUSTOM			10.500	2.877	14	2	TUBE RECT 1x2 18GA GALV	TUBING 1x2 RECT - 18GA/GALV		29.750			

NOTES:
- UNDERSHELF INSTALLED AT 10" A.F.F.
- 16GA SS BOX STORAGE OVERSHELF w/ DIVIDERS (TACK WELDED WHERE REQUIRED)

LOOSE HARDWARE:		
QTY	MODEL #	DESCRIPTION



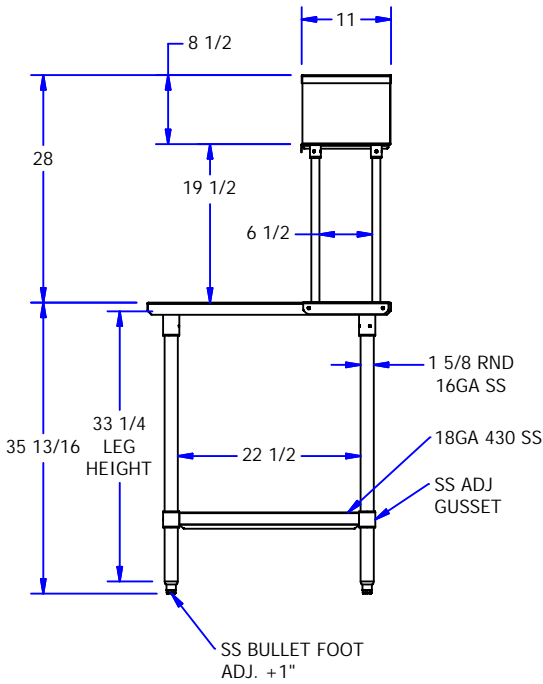
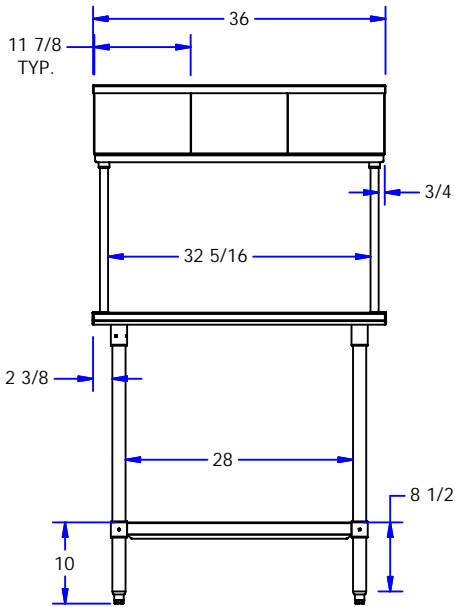
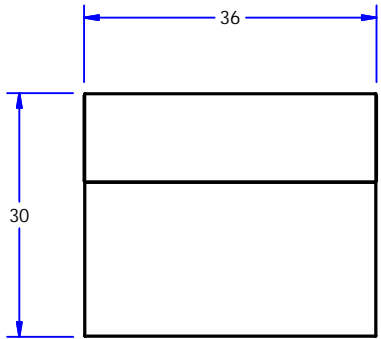
MFG. INITIALS:				
LAYOUT:				
BRAKE:				
WELDER:	B	TN	10/7/2020	REVISED CUBBIE LEG HEIGHT FROM 11.875" TO 19.375".
POLISHER:	A	TN	10/4/2019	REVISED CUBBIE TO HAVE 1" TURN-DOWN. REVISED CUBBIE HEIGHT & DEPTH. REVISED LEG SPACING.
CRATING:	REV	BY	DATE	DESCRIPTION
REVISION HISTORY				

<div><div>APPROVED</div><div>APPROVED AS NOTED</div><div>REVISED & RESUBMIT</div></div>	<div><div><div>3601 SOUTH BANKER STREET P.O. BOX 609 EFFINGHAM, IL 62401 PH: 888-431-2667 / FAX: 800-433-2667 E-MAIL: sales@johnboos.com Web Site: www.johnboos.com</div></div><div><div><div>SANITATION</div></div><div><div><div>c UL us</div></div></div></div></div>	QUOTE NUMBER:	KEC DESIGN LLC			
		DATE: 10/3/2019	JIMMY JOHNS			
		SCALE: 1/2" = 1' on B	SHEET NUMBER:	QUANTITY:	DECK 14GA/300 SS	BASE SS
		DRAWN BY: JSK	QUAD LOCATION:	ITEM NUMBER: 1	MODEL NUMBER: Z-JJRT-3030	
			REQUESTED BY:	ROOM NUMBER:	WEIGHT: 88 lbmass	SALES ORDER NUMBER:
<div><div>APPROVED BY</div><div>DATE</div></div>	<div><div><div>THIS DRAWING AND THE DESIGN SHOWN ARE THE PROPERTY OF JOHN BOOS & CO. REPRODUCTION, INFRINGEMENT OR ANY OTHER UNAUTHORIZED USE OF THIS DRAWING WITHOUT THE WRITTEN CONSENT OF JOHN BOOS & CO. WILL BE SUBJECT TO LEGAL ACTION.</div></div></div>					

PARTS LIST									PARTS LIST								
ITEM	QTY	DESCRIPTION	RAW MATERIAL	DRAWING #	LENGTH	WIDTH	FLAT LENGTH	FLAT WIDTH	ITEM	QTY	DESCRIPTION	RAW MATERIAL	DRAWING #	LENGTH	WIDTH	FLAT LENGTH	FLAT WIDTH
1	4	FOOT SS RD BULLET	468-114-R						12	4	OS LEG 1_0	TUBING 1.0 RND - 18GA/300 SS		19.375			
2	4	GUSSET SS SHELF	468-215-1.875D						13	4	LEG RND 1.625	TUBING 1.625 RND - 16GA/300 SS		33.250			
3	4	GUSSET SS 1.0	468-215-1.9375S						14	2	TUBE RECT 1x2 18GA GALV	TUBING 1x2 RECT - 18GA/GALV		35.750			
4	4	GUSSET SS 1-5/8	468-215-3.125S						15	1	CUBBIE BASE	SHEET 16GA/301 SS	CUSTOM			54.322	21.132
6	1	TOP SSFF	SHEET 14GA/301 SS	ST114	36.000	30.000	38.714	33.004	16	1	CUBBIE TOP	SHEET 16GA/301 SS	CUSTOM	36.000	11.000	37.755	12.755
7	2	CHANNEL	SHEET 16GA/301 SS	CUSTOM			10.500	2.877	17	2	DIVIDER	SHEET 16GA/301 SS	CUSTOM			10.753	9.377
11	1	JBC-ADJ	SHEET 18GA/430 SS				0.000	0.000	18	2	OS MTG BRKT	SHEET 14GA/301 SS	CUSTOM	10.500	2.000	10.500	3.357

NOTES:
- UNDERSHELF INSTALLED AT 10" A.F.F.
- 16GA SS BOX STORAGE OVERSHELF w/ DIVIDERS (TACK WELDED WHERE REQUIRED)

LOOSE HARDWARE:		
QTY	MODEL #	DESCRIPTION



ANGLE BRACKET DETAIL

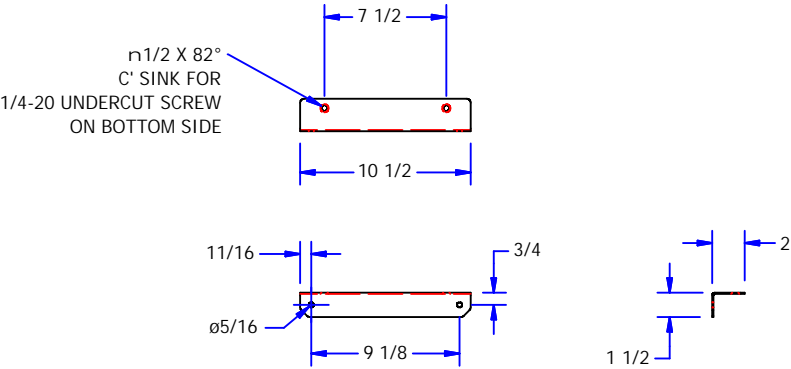
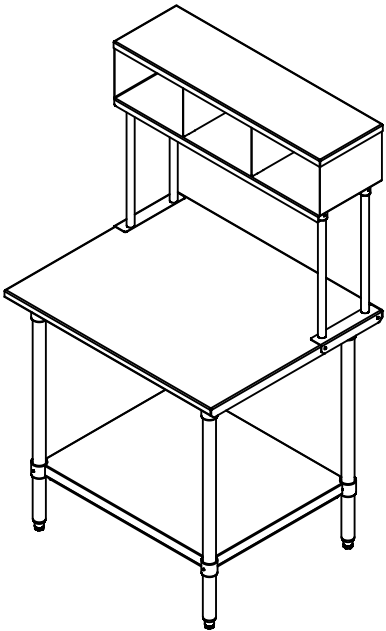
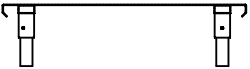



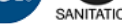


TABLE DETAIL



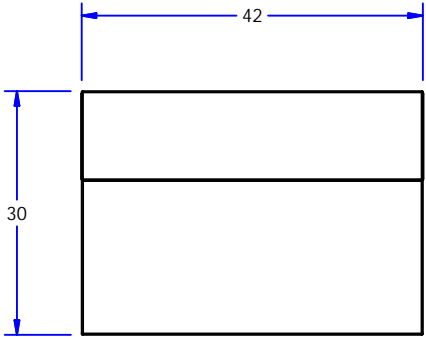
MFG. INITIALS:				
LAYOUT:				
BRAKE:				
WELDER:	B	TN	10/7/2020	REVISED CUBBIE LEG HEIGHT FROM 11.875" TO 19.375".
POLISHER:	A	TN	10/4/2019	REVISED CUBBIE TO HAVE 1" TURN-DOWN. REVISED CUBBIE HEIGHT & DEPTH. REVISED LEG SPACING.
CRATING:	REV	BY	DATE	DESCRIPTION
REVISION HISTORY				

<div><div></div><div></div><div></div></div> <div>APPROVED</div> <div>APPROVED AS NOTED</div> <div>REVISED & RESUBMIT</div>	<div><div>3601 SOUTH BANKER STREET P.O. BOX 609 EFFINGHAM, IL 62401 PH: 888-431-2667 / FAX: 800-433-2667 E-MAIL: sales@johnboos.com Web Site: www.johnboos.com</div><div><div>SANITATION</div><div>US</div></div><div>THIS DRAWING AND THE DESIGN SHOWN ARE THE PROPERTY OF JOHN BOOS & CO. REPRODUCTION, INFRINGEMENT OR ANY OTHER UNAUTHORIZED USE OF THIS DRAWING WITHOUT THE WRITTEN CONSENT OF JOHN BOOS & CO. WILL BE SUBJECT TO LEGAL ACTION.</div></div>			
		APPROVED BY		
		DATE		
		QUOTE NUMBER:		
DATE:				
10/3/2019				
JIMMY JOHNS				
SCALE:	SHEET NUMBER:	QUANTITY:	DECK	BASE
1/2" = 1' on B			14GA/300 SS	SS
DRAWN BY:	QUAD LOCATION:	ITEM NUMBER:	MODEL NUMBER:	
JSK		1	Z-JJRT-3036	
REQUESTED BY:	ROOM NUMBER:	WEIGHT:	SALES ORDER	
		100 lbmass	NUMBER:	

PARTS LIST									PARTS LIST								
ITEM	QTY	DESCRIPTION	RAW MATERIAL	DRAWING #	LENGTH	WIDTH	FLAT LENGTH	FLAT WIDTH	ITEM	QTY	DESCRIPTION	RAW MATERIAL	DRAWING #	LENGTH	WIDTH	FLAT LENGTH	FLAT WIDTH
1	4	FOOT SS RD BULLET	468-114-R						8	1	CUBBIE BASE	SHEET 16GA/301 SS	CUSTOM			60.322	21.132
2	4	GUSSET SS SHELF	468-215-1.875D						9	1	CUBBIE TOP	SHEET 16GA/301 SS	CUSTOM	42.000	11.000	43.755	12.755
3	4	GUSSET SS 1.0	468-215-1.9375S						10	3	DIVIDER	SHEET 16GA/301 SS	CUSTOM			10.753	9.377
4	4	GUSSET SS 1-5/8	468-215-3.125S						11	1	JBC-ADJ	SHEET 18GA/430 SS				39.663	28.163
5	2	OS MTG BRKT	SHEET 14GA/301 SS	CUSTOM	10.500	2.000	10.500	3.357	12	4	OS LEG 1_0	TUBING 1.0 RND - 18GA/300 SS		19.375			
6	1	TOP SSFF	SHEET 14GA/301 SS	ST114	42.000	30.000	44.714	33.004	13	4	LEG RND 1.625	TUBING 1.625 RND - 16GA/300 SS		33.250			
7	2	CHANNEL	SHEET 16GA/301 SS	CUSTOM			10.500	2.877	14	2	TUBE RECT 1x2 18GA GALV	TUBING 1x2 RECT - 18GA/GALV		41.750			

NOTES:
- UNDERSHELF INSTALLED AT 10" A.F.F.
- 16GA SS BOX STORAGE OVERSHELF w/ DIVIDERS (TACK WELDED WHERE REQUIRED)

LOOSE HARDWARE:		
QTY	MODEL #	DESCRIPTION



ANGLE BRACKET DETAIL

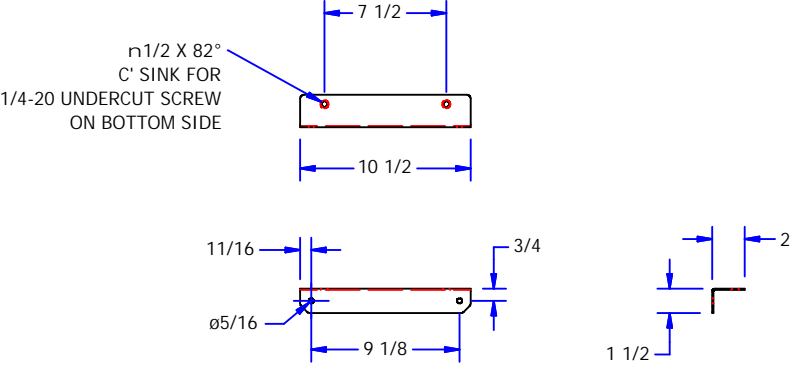
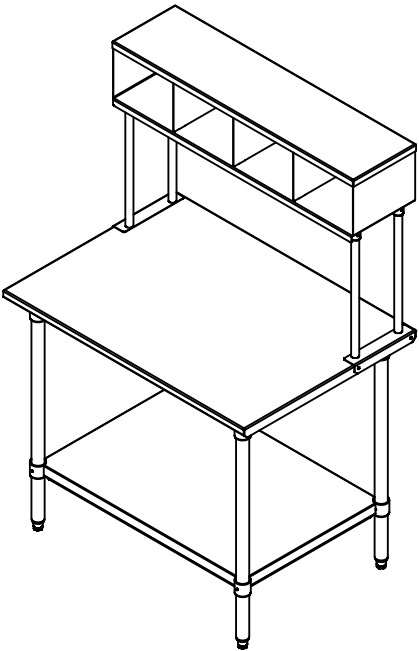
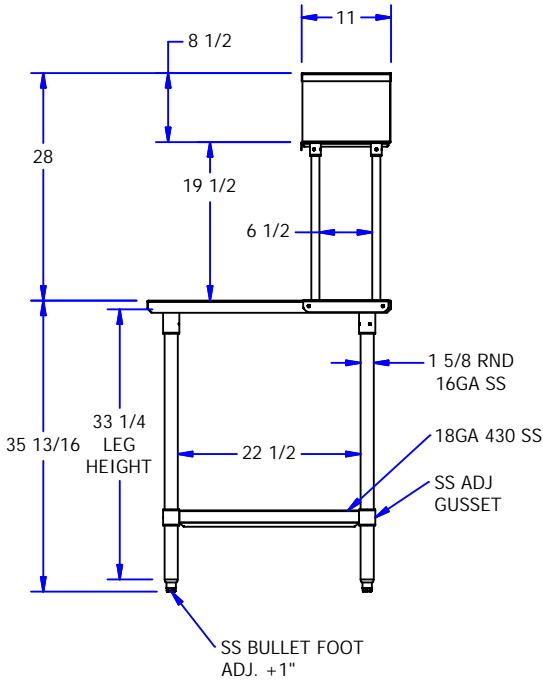
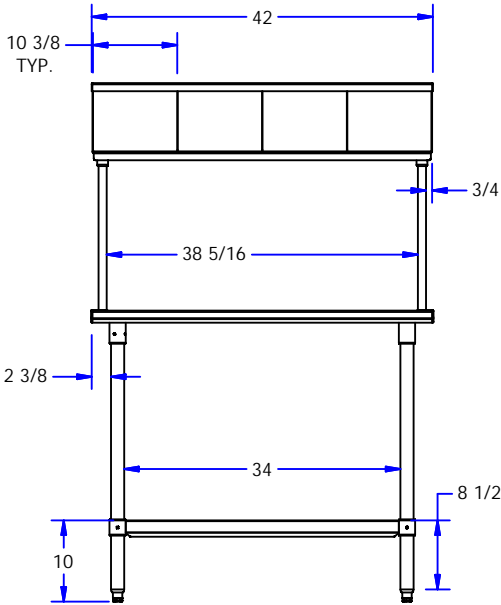
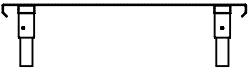






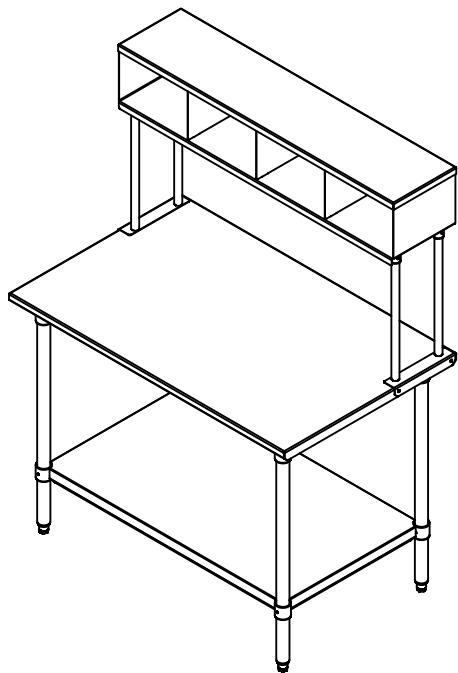
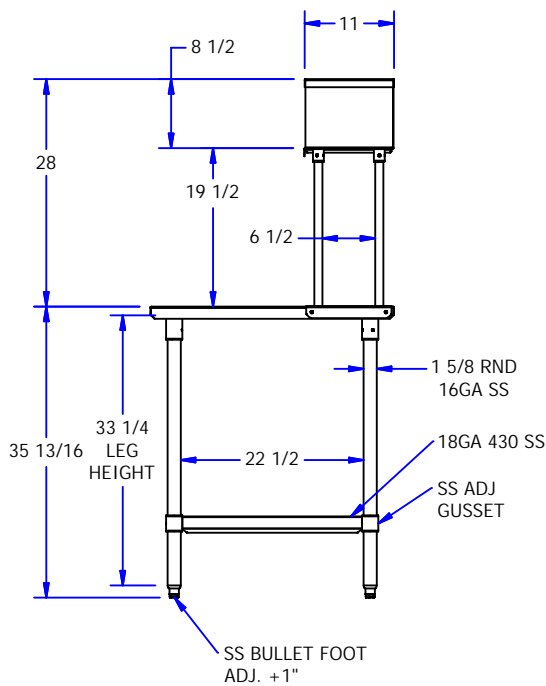
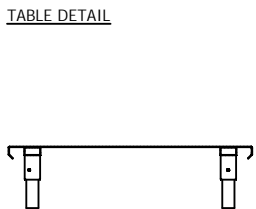
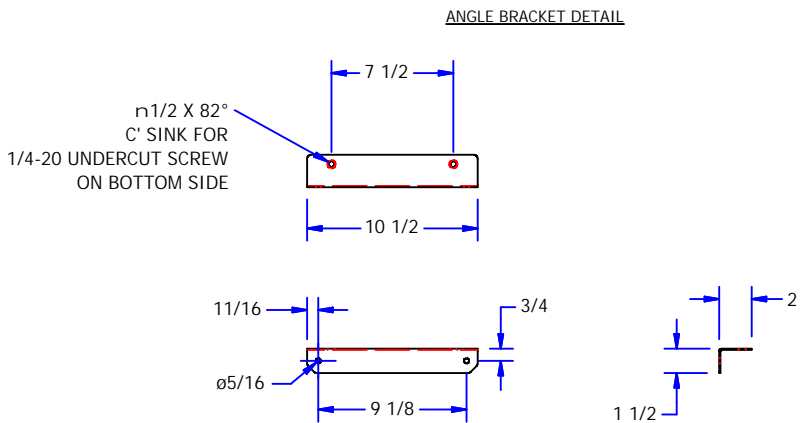
TABLE DETAIL








MFG. INITIALS:				
LAYOUT:				
BRAKE:				
WELDER:				
POLISHER:	B	TN	10/7/2020	REVISED CUBBIE LEG HEIGHT FROM 11.875" TO 19.375".
	A	TN	10/4/2019	REVISED CUBBIE TO HAVE 1" TURN-DOWN. REVISED CUBBIE HEIGHT & DEPTH. REVISED LEG SPACING.
CRATING:	REV	BY	DATE	DESCRIPTION
	REVISION HISTORY			

<div>APPROVED</div> <div>APPROVED AS NOTED</div> <div>REVISED & RESUBMIT</div>	APPROVED BY			
	DATE			
<div><div>3601 SOUTH BANKER STREET P.O. BOX 609 EFFINGHAM, IL 62401 PH: 888-431-2667 / FAX: 800-433-2667 E-MAIL: sales@johnboos.com Web Site: www.johnboos.com</div></div>	QUOTE NUMBER:			
	KEC DESIGN LLC			
<div></div>	DATE: 10/3/2019			
	JIMMY JOHNS			
<div>THIS DRAWING AND THE DESIGN SHOWN ARE THE PROPERTY OF JOHN BOOS & CO. REPRODUCTION, INFRINGEMENT OR ANY OTHER UNAUTHORIZED USE OF THIS DRAWING WITHOUT THE WRITTEN CONSENT OF JOHN BOOS & CO. WILL BE SUBJECT TO LEGAL ACTION.</div>	SCALE: 1/2"=1' on B	SHEET NUMBER:	QUANTITY:	DECK 14GA/300 SS
	DRAWN BY: JSK	QUAD LOCATION:	ITEM NUMBER: 1	BASE SS
	REQUESTED BY:	ROOM NUMBER:	WEIGHT: 112 lbmass	MODEL NUMBER: Z-JJRT-3042
				SALES ORDER NUMBER:

LOOSE HARDWARE:		
QTY	MODEL #	DESCRIPTION

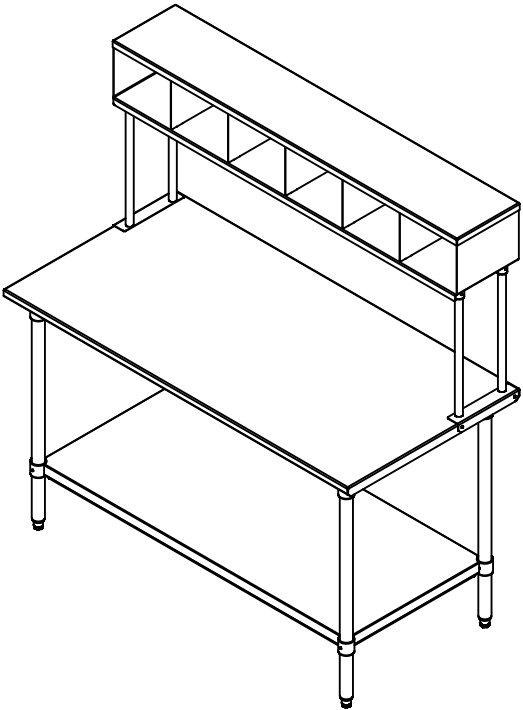
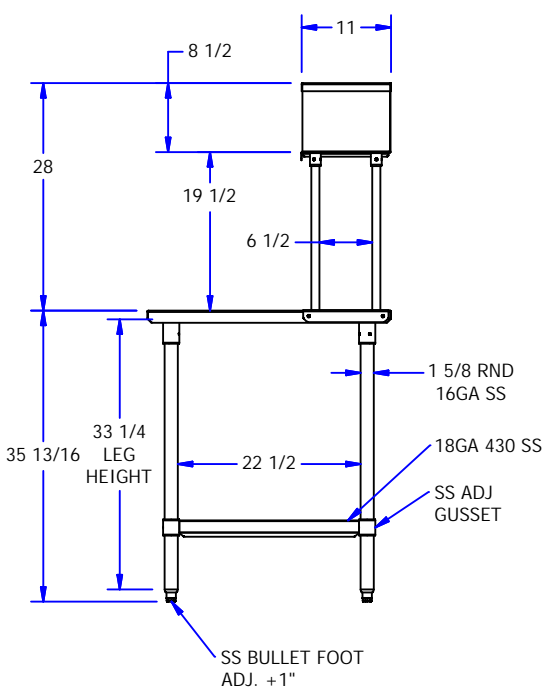
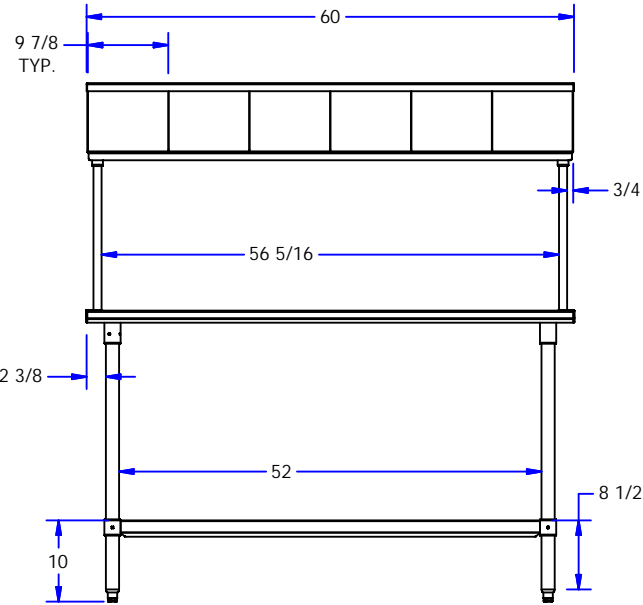
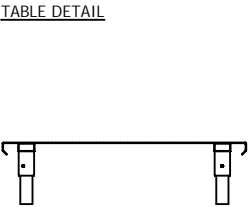
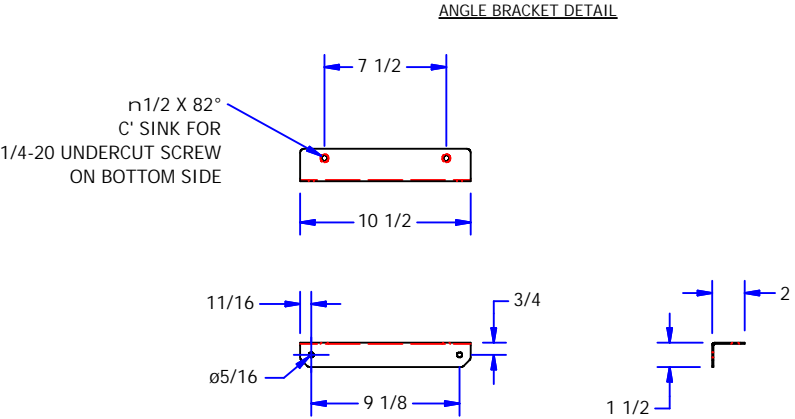
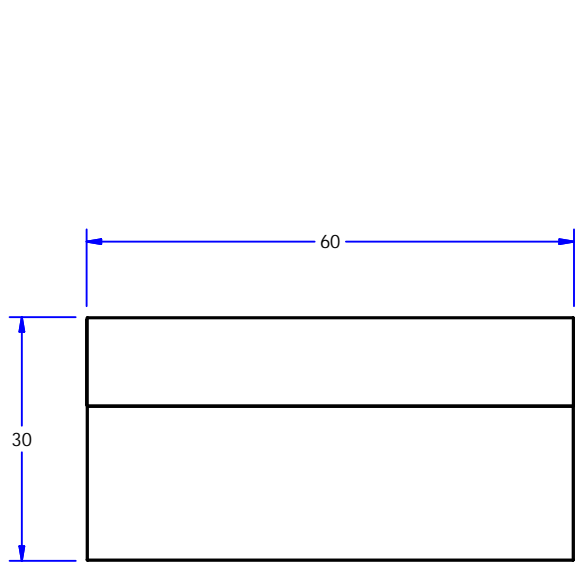


 APPROVED AS NOTED REVISED & RESUBMIT	 3601 SOUTH BANKER STREET P.O. BOX 609 EFFINGHAM, IL 62401 PH: 888-431-2667 / FAX: 800-433-2667 E-MAIL: sales@johnboos.com Web Site: www.johnboos.com	  	QUOTE NUMBER:	KEC DESIGN LLC			
			DATE: 10/3/2019	JIMMY JOHNS			
			SCALE: 1/2"=1' on B	SHEET NUMBER:	QUANTITY:	DECK 14GA/300 SS	BASE SS
			DRAWN BY: JSK	QUAD LOCATION:	ITEM NUMBER: 1	MODEL NUMBER: Z-JJRT-3048	
			REQUESTED BY:	ROOM NUMBER:	WEIGHT: 123 lbmass	SALES ORDER NUMBER:	





PARTS LIST									PARTS LIST								
ITEM	QTY	DESCRIPTION	RAW MATERIAL	DRAWING #	LENGTH	WIDTH	FLAT LENGTH	FLAT WIDTH	ITEM	QTY	DESCRIPTION	RAW MATERIAL	DRAWING #	LENGTH	WIDTH	FLAT LENGTH	FLAT WIDTH
1	4	FOOT SS RD BULLET	468-114-R						8	1	CUBBIE BASE	SHEET 16GA/301 SS	CUSTOM			78.322	21.132
2	4	GUSSET SS SHELF	468-215-1.875D						9	1	CUBBIE TOP	SHEET 16GA/301 SS	CUSTOM	60.000	11.000	61.755	12.755
3	4	GUSSET SS 1.0	468-215-1.9375S						10	5	DIVIDER	SHEET 16GA/301 SS	CUSTOM			10.753	9.377
4	4	GUSSET SS 1-5/8	468-215-3.125S						11	1	JBC-ADJ	SHEET 18GA/430 SS				0.000	0.000
5	2	OS MTG BRKT	SHEET 14GA/301 SS	CUSTOM	10.500	2.000	10.500	3.357	12	4	OS LEG 1_0	TUBING 1.0 RND - 18GA/300 SS		19.375			
6	1	TOP SSFF	SHEET 14GA/301 SS	ST114	60.000	30.000	62.714	33.004	13	4	LEG RND 1.625	TUBING 1.625 RND - 16GA/300 SS		33.250			
7	2	CHANNEL	SHEET 16GA/301 SS	CUSTOM			10.500	2.877	14	2	TUBE RECT 1x2 18GA GALV	TUBING 1x2 RECT - 18GA/GALV		59.750			

NOTES:
- UNDERSHELF INSTALLED AT 10" A.F.F.
- 16GA SS BOX STORAGE OVERSHELF w/ DIVIDERS (TACK WELDED WHERE REQUIRED)

LOOSE HARDWARE:		
QTY	MODEL #	DESCRIPTION



MFG. INITIALS:					
LAYOUT:					
BRAKE:					
WELDER:		B	TN	10/7/2020	REVISED CUBBIE LEG HEIGHT FROM 11.875" TO 19.375".
POLISHER:		A	TN	10/4/2019	REVISED CUBBIE TO HAVE 1" TURN-DOWN. REVISED CUBBIE HEIGHT & DEPTH. REVISED LEG SPACING.
		REV	BY	DATE	DESCRIPTION
CRATING:		REVISION HISTORY			

<div><div>APPROVED</div><div>APPROVED AS NOTED</div><div>REVISED & RESUBMIT</div></div>	<div><div>3601 SOUTH BANKER STREET P.O. BOX 609 EFFINGHAM, IL 62401 PH: 888-431-2667 / FAX: 800-433-2667 E-MAIL: sales@johnboos.com Web Site: www.johnboos.com</div></div>	<div><div>SANITATION</div></div> <div><div>US</div></div>	QUOTE NUMBER:	KEC DESIGN LLC				
	DATE: 10/3/2019	JIMMY JOHNS						
	SCALE: 1/2"=1' on B	SHEET NUMBER:	QUANTITY:	DECK 14GA/300 SS	BASE SS			
	DRAWN BY: JSK	QUAD LOCATION:	ITEM NUMBER: 1	MODEL NUMBER: Z-JJRT-3060				
	REQUESTED BY:	ROOM NUMBER:	WEIGHT: 149 lbmass	SALES ORDER NUMBER:				

PARTS LIST									PARTS LIST								
ITEM	QTY	DESCRIPTION	RAW MATERIAL	DRAWING #	LENGTH	WIDTH	FLAT LENGTH	FLAT WIDTH	ITEM	QTY	DESCRIPTION	RAW MATERIAL	DRAWING #	LENGTH	WIDTH	FLAT LENGTH	FLAT WIDTH
1	4	FOOT SS RD BULLET	468-114-R						8	1	CUBBIE BASE	SHEET 16GA/301 SS	CUSTOM			90.322	21.132
2	4	GUSSET SS SHELF	468-215-1.875D						9	1	CUBBIE TOP	SHEET 16GA/301 SS	CUSTOM	72.000	11.000	73.755	12.755
3	4	GUSSET SS 1.0	468-215-1.9375S						10	6	DIVIDER	SHEET 16GA/301 SS	CUSTOM			10.753	9.377
4	4	GUSSET SS 1-5/8	468-215-3.125S						11	1	JBC-ADJ	SHEET 18GA/430 SS				0.000	0.000
5	2	OS MTG BRKT	SHEET 14GA/301 SS	CUSTOM	10.500	2.000	10.500	3.357	12	4	OS LEG 1_0	TUBING 1.0 RND - 18GA/300 SS		19.375			
6	1	TOP SSFF	SHEET 14GA/301 SS	ST114	72.000	30.000	74.714	33.004	13	4	LEG RND 1.625	TUBING 1.625 RND - 16GA/300 SS		33.250			
7	2	CHANNEL	SHEET 16GA/301 SS	CUSTOM			10.500	2.877	14	2	TUBE RECT 1x2 18GA GALV	TUBING 1x2 RECT - 18GA/GALV		71.750			

NOTES:
- UNDERSHELF INSTALLED AT 10" A.F.F.
- 16GA SS BOX STORAGE OVERSHELF w/ DIVIDERS (TACK WELDED WHERE REQUIRED)

LOOSE HARDWARE:		
QTY	MODEL #	DESCRIPTION

ANGLE BRACKET DETAIL

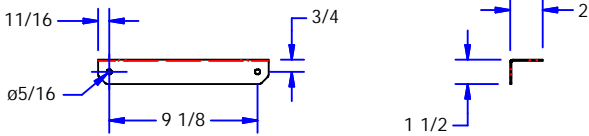
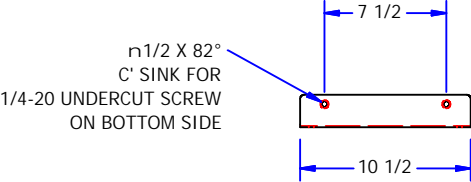
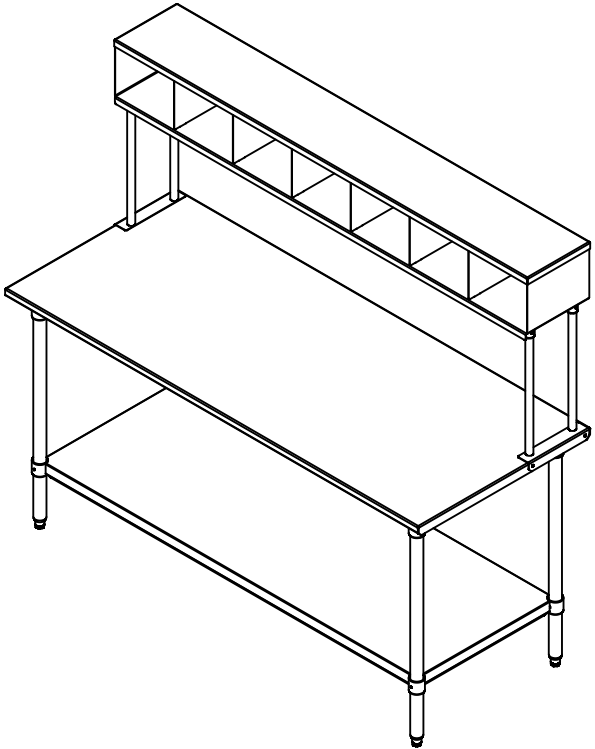
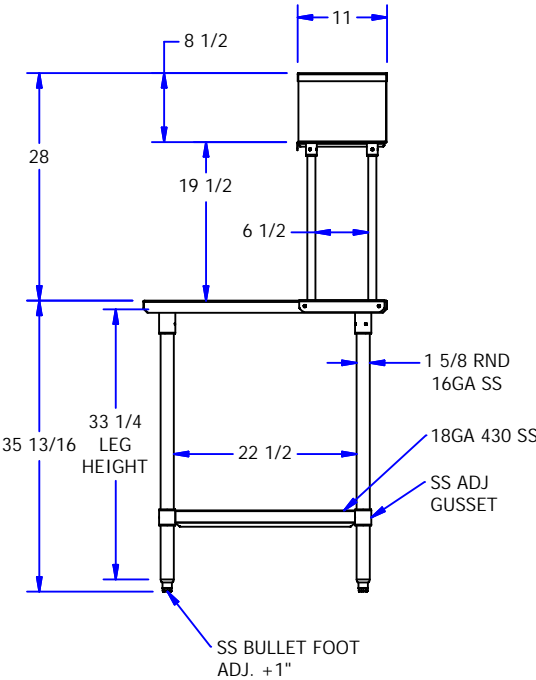
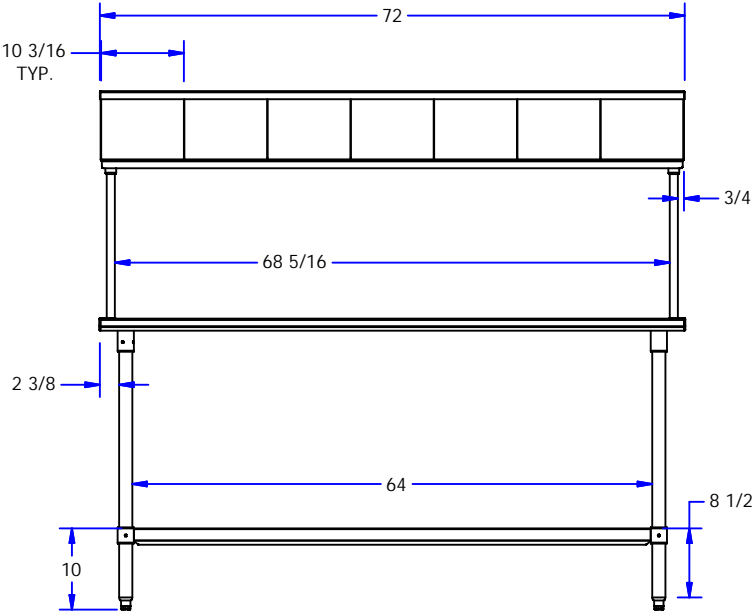
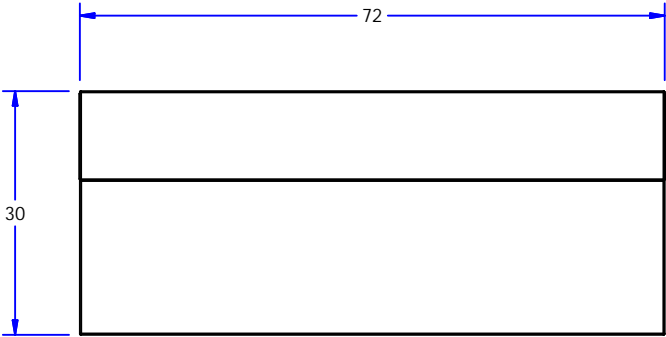
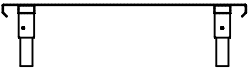



TABLE DETAIL



MFG. INITIALS:				
LAYOUT:				
BRAKE:				
WELDER:	B	TN	10/7/2020	REVISED CUBBIE LEG HEIGHT FROM 11.875" TO 19.375".
POLISHER:	A	TN	10/4/2019	REVISED CUBBIE TO HAVE 1" TURN-DOWN. REVISED CUBBIE HEIGHT & DEPTH. REVISED LEG SPACING.
CRATING:	REV	BY	DATE	DESCRIPTION
REVISION HISTORY				

<div><div>APPROVED</div><div>APPROVED AS NOTED</div><div>REVISED & RESUBMIT</div></div>	<div><div><div>John BOOS</div><div>Since 1887</div></div><div><div>NSF</div><div>SP</div><div>SANITATION</div></div><div><div>c</div><div>UL</div><div>us</div></div></div> <div>3601 SOUTH BANKER STREET P.O. BOX 609 EFFINGHAM, IL 62401 PH: 888-431-2667 / FAX: 800-433-2667 E-MAIL: sales@johnboos.com Web Site: www.johnboos.com</div>		QUOTE NUMBER:		KEC DESIGN LLC			
	DATE: 10/3/2019		JIMMY JOHNS					
	SCALE: 1/2" = 1' on B		SHEET NUMBER:	QUANTITY:	DECK 14GA/300 SS	BASE SS		
	DRAWN BY: JSK		QUAD LOCATION:	ITEM NUMBER: 1	MODEL NUMBER: Z-JJRT-3072			
APPROVED BY		REQUESTED BY:	ROOM NUMBER:	WEIGHT: 173 lbmass	SALES ORDER NUMBER:			
DATE		THIS DRAWING AND THE DESIGN SHOWN ARE THE PROPERTY OF JOHN BOOS & CO. REPRODUCTION, INFRINGEMENT OR ANY OTHER UNAUTHORIZED USE OF THIS DRAWING WITHOUT THE WRITTEN CONSENT OF JOHN BOOS & CO. WILL BE SUBJECT TO LEGAL ACTION.						

John Boos

Z-JJRT-3084

Item #14

PARTS LIST									PARTS LIST								
ITEM	QTY	DESCRIPTION	RAW MATERIAL	DRAWING #	LENGTH	WIDTH	FLAT LENGTH	FLAT WIDTH	ITEM	QTY	DESCRIPTION	RAW MATERIAL	DRAWING #	LENGTH	WIDTH	FLAT LENGTH	FLAT WIDTH
1	6	FOOT SS RD BULLET	468-114-R						9	1	CUBBIE BASE	SHEET 16GA/301 SS	CUSTOM			102.322	21.132
2	6	GUSSET SS SHELF	468-215-1.875D						10	1	CUBBIE TOP	SHEET 16GA/301 SS	CUSTOM	84.000	11.000	85.755	12.755
3	6	GUSSET SS 1.0	468-215-1.9375S						11	7	DIVIDER	SHEET 16GA/301 SS	CUSTOM			10.753	9.377
4	6	GUSSET SS 1-5/8	468-215-3.125S						12	1	JBC-ADJ	SHEET 18GA/430 SS				81.663	28.163
5	2	OS MTG BRKT	SHEET 14GA/301 SS	CUSTOM	10.500	2.000	10.500	3.357	13	6	OS LEG 1_0	TUBING 1.0 RND - 18GA/300 SS		19.375			
6	1	OS MTG BRKT CNTR	SHEET 14GA/301 SS	CUSTOM	10.500	2.000	10.500	2.000	14	6	LEG RND 1.625	TUBING 1.625 RND - 16GA/300 SS		33.250			
7	1	TOP SSFF	SHEET 14GA/301 SS	ST114	84.000	30.000	86.714	33.004	15	2	TUBE RECT 1x2 18GA GALV	TUBING 1x2 RECT - 18GA/GALV		83.750			
8	3	CHANNEL	SHEET 16GA/301 SS	CUSTOM			10.500	2.877									

ANGLE BRACKET DETAIL

TABLE DETAIL

MFG. INITIALS:

LAYOUT:

BRAKE:

WELDER:

POLISHER:

CRATING:

B	TN	10/7/2020	REVISED CUBBIE LEG HEIGHT FROM 9.875" TO 19.375".
A	TN	10/4/2019	REVISED CUBBIE TO HAVE 1" TURN-DOWN. REVISED CUBBIE HEIGHT & DEPTH. REVISED LEG SPACING.
REV	BY	DATE	DESCRIPTION
REVISION HISTORY			

APPROVED

APPROVED AS NOTED

REVISED & RESUBMIT

APPROVED BY

DATE

3601 SOUTH BANKER STREET
P.O. BOX 609
EFFINGHAM, IL 62401
PH: 888-431-2667 / FAX: 800-433-2667
E-MAIL: sales@johnboos.com
Web Site: www.johnboos.com

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QUOTE NUMBER:

DATE:
10/3/2019

SCALE:
1/2"=1' on B

DRAWN BY:
JSK

REQUESTED BY:

KEC DESIGN LLC

JIMMY JOHNS

SHEET NUMBER:

QUANTITY:

DECK
14GA/300 SS

BASE
SS

QUAD LOCATION:

ITEM NUMBER:
1

MODEL NUMBER:
Z-JJRT-3084

ROOM NUMBER:

WEIGHT:
209 lbmass

SALES ORDER
NUMBER:

Jimmy John's Sandwiches - Equip Spec Sheets

KEC Design LLC

Page: 29

PIPER OVENS**OP-4-JJ**
Oven/Proofer Combination

MODEL OP-4-JJ
Oven/Proofer
Combination

JOB _____ ITEM # _____ QTY # _____

MODEL NUMBER

☐ OP-4-JJ

OVEN FEATURES:**NO MOVING PARTS IN OVEN**

- ◆ Less maintenance

MAGNETIC DOOR CLOSURE

- ◆ No latch problems

HEAVY GAUGE ALUMINUM DECKS

- ◆ Best to transfer heat evenly

REMINDER TIMER

- ◆ Frees operator for other duties

CAPACITY = 40 SUB ROLLS

- ◆ Four 18"x26" pans = less handling

STAINLESS STEEL EXTERIOR

- ◆ Attractive, easy to clean

HEAT REFLECTIVE GLASS DOOR

- ◆ Provides sight baking & merchandising

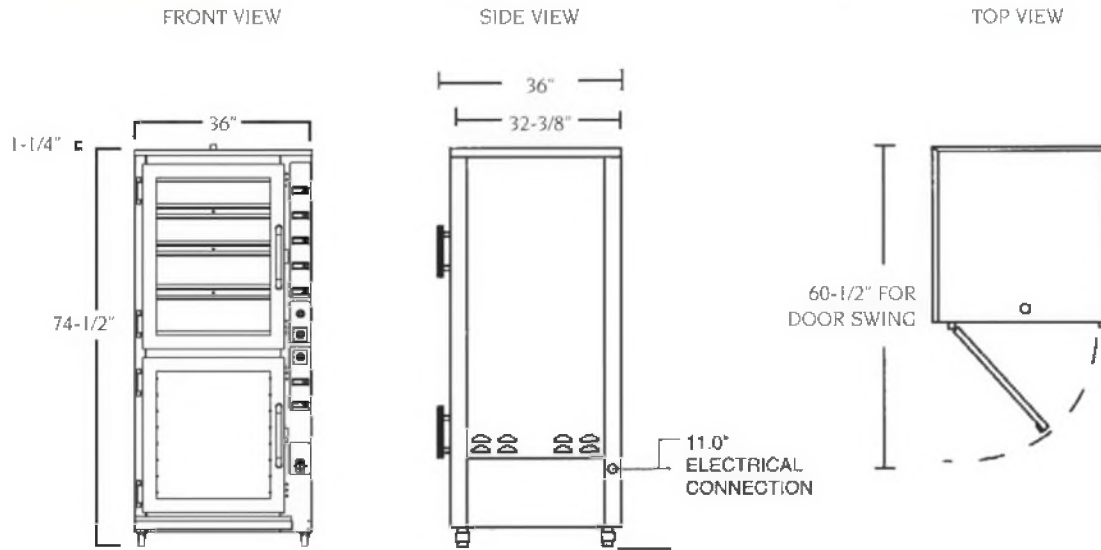
DIGITAL TEMPERATURE CONTROLS**PROOFER FEATURES:****STAINLESS STEEL INTERIOR****INDIVIDUAL DIGITAL HEAT & RELATIVE HUMIDITY CONTROLS****HIGH VOLUME CIRCULATING BLOWER****PYROCERAMIC HEATING ELEMENT****4 QT. WATER PAN (STAINLESS STEEL)****CAPACITY = 80 SUB ROLLS**

- ◆ Eight 18"x26" pans

HEAVY DUTY CABINET CONSTRUCTION**REMINDER TIMER****SPEC JJ-1**

PIPER PRODUCTS
BUILT TO LAST
www.piperonline.net

300 S. 84th Avenue
Wausau, WI 54401
Phone: 800-544-3057
Fax: 715-842-3125

PIPER OVENS**OP-4-JJ**
Oven/Proofer Combination

VOLTAGE	PHASE	AMPS	WATTS	WIRES	HERTZ	SHIP WT.
120/208	1	53	9810	3+Ground	60	600
120/240	1	48	9810	3+Ground	60	600
120/208	3	34	9810	4+Ground	60	600
120/240	3	32	9810	4+Ground	60	600

INTERIOR DIMENSIONS:**OVEN**

- ◆ 24-1/2" Wide
- ◆ 30" Deep
- ◆ 31-1/2" High
- ◆ 4-15/16" between top two decks,

PROOFER

- 24-1/2" Wide
- 30" Deep
- 29-1/2" High
- 6-1/2" between bottom two decks

OVEN CAPACITY:**EACH DECK WILL HOLD**

- ◆ 1-standard full size 18"x26" sheet pan
- ◆ (4 pans total)

PROOFER CAPACITY:

- ◆ 8-standard full size 18"x26" sheet pans

JJ-1 SPEC

PIPER PRODUCTS
BUILT TO LAST
www.piperonline.net

300 S. 84th Avenue
 Wausau, WI 54401
 Phone: 800-544-3057
 Fax: 715-842-3125

LIMITED WARRANTY: PIPER PRODUCTS warrants to the original purchaser parts and labor for a period of twelve (12) months from the date of purchase. See manufacturer's complete warranty for details.

CSA, UL, NSF. It is our policy to build equipment which is design certified by companies that have been accredited at the Federal Level by the Occupational Safety and Health Agency (OSHA) and ANSI as a National Recognized Testing Laboratory. These companies include CSA International, Underwriters Laboratories, and the National Sanitation Foundation. However, a continuing program of product improvement makes it necessary to submit new models to the agencies as they are developed. Consequently, all models may not bear the appropriate labels at all times.

We reserve the right to change specifications and product design without notice. Such revisions do not entitle buyer to corresponding changes, improvements, additions or replacements for previously purchased equipment. Information is not for design purposes.



F-801M_J(-C)

Modular Ice Machine
Slim-Line Series



F-801M_J(-C)
09/23/16
Item # 13037

W x D x H
22" x 27^{3/8}" x 26"

F-801MAJ ★
Air-Cooled Flaker

F-801MWJ
Air-Cooled Flaker

F-801MAJ-C ★
Air-Cooled Cubelet

F-801MWJ-C
Air-Cooled Cubelet
Water




Item #: 17

Project: Jimmy John's

Qty:

AIA#:

Features

- ▶ Durable stainless steel exterior
- ▶ Advanced CleanCycle24™ design 
- ▶ Stainless steel auger with greaseless bearing
- Flaker - Up to 751 lbs. of ice production per 24 hours
- Cubelet - Up to 690 lbs. of ice production per 24 hours
- Mount two units, side-by-side, in only 44" of floor space for double the amount of ice production
- 2 second flush cycle every hour
- Flush cycle removes sediment for cleaner ice
- Infrared bin control for easy cleaning and reliability
- R-404A Refrigerant

Available on Bins:

B-250PF B-500PF/SF B-800PF/SF B-1150SS B-1500SS*
B-300PF/SF B-700PF/SF B-900PF/SF B-1300SS B-1650SS*

Top kit may be required. See Bin Spec Sheets. *Two unit application only.

Warranty:

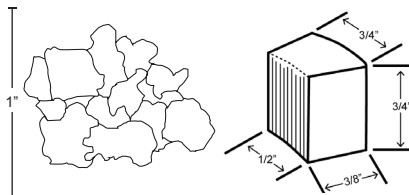
3 Year Parts & Labor on entire machine. 5 Year Parts on Compressor; air-cooled condenser coil. Valid in United States, Canada, Puerto Rico and U.S. Territories. Contact factory for warranty in other countries.

		ICE PRODUCTION			WATER USAGE		ELECTRICAL						
Condenser	Model	Air / Water Temp Lbs. per 24 hours 70°/ 50°F 90°/ 70°F		Type of Ice (Hardness Rating)	Potable Gal. per 100 lbs. 90°/ 70°F	Condenser Gal. per 100 lbs. 90°/ 70°F	kWh Used per 100 lbs. 90°/ 70°F	Max. Fuse Size or HACR Circuit Breaker	Amperage	Voltage	Heat Rejection BTU/hr.	Shipping Weight	ENERGY STAR®
Air-Cooled	F-801MAJ	751	566	Flaked (79.4)	12.0	N/A	4.5	15A	11.8A	115V/60/1	5,900	205 lbs.	★
Water-Cooled	F-801MWJ	680	605	Flaked (76.9)	12.0	119	3.9	15A	11.8A	115V/60/1	6,200	205 lbs.	
Air-Cooled	F-801MAJ-C	690	532	Cubelet (86.6)	12.0	N/A	5.00	15A	11.8A	115V/60/1	5,000	205 lbs.	★
Water-Cooled	F-801MWJ-C	632	580	Cubelet (82)	12.0	120	4.13	15A	11.5A	115V/60/1	6,000	205 lbs.	

Cube Dimensions*

Flaked
F-801MAJ

Cubelet
F-801MAJ-C



* approximate size in inches, image not to scale

Operating Limits

- Ambient Temp Range 45 - 100°F
- Water Temp Range 45 - 90°F
- Water Pressure 10 - 113 PSIG
- Voltage Range 104-127V

Service

- Panels easily removed and all components accessible for service.
- Removable/cleanable air filter (Air-cooled model only)
- Allow 6" (15 cm) clearance at rear and sides, and 24" (61 cm) clearance at top for proper air circulation and ease of maintenance/service.

Plumbing

- Icemaker Water Supply Line: Minimum 1/4" Nominal ID Copper Water Tubing or Equivalent
- Icemaker Drain Line: Minimum 3/4" Nominal ID Hard Pipe or Equivalent
- Water-Cooled Model (Lines Must Be Independent of Icemaker)
 - Condenser Water Supply Line: Minimum 1/4" Nominal ID Copper Water Tubing or Equivalent
 - Condenser Drain/Return Line: Minimum 1/4" Nominal ID Hard Pipe (open drain system) or Copper Water Tubing (closed loop system) or Equivalent



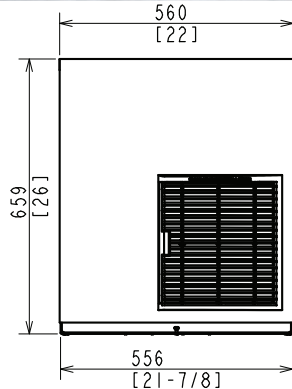
F-801M_J(-C)

Modular Ice Machine
Slim-Line Series

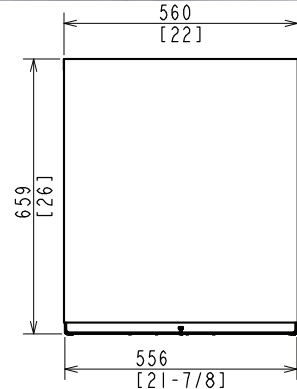


F-801M_J(-C)
09/23/16
Item # 13037

FRONT VIEW



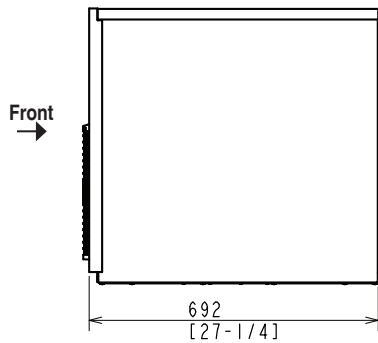
AIR-COOLED



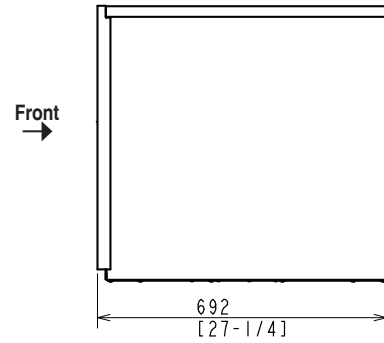
WATER-COOLED

mm
[inch]

SIDE VIEW

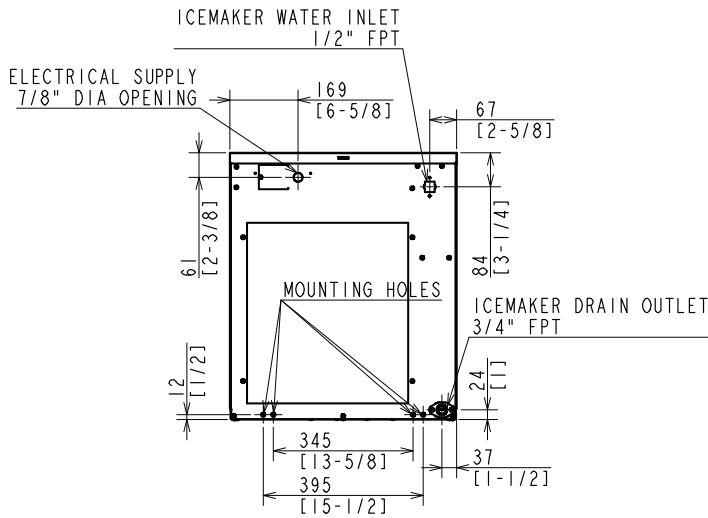


AIR-COOLED

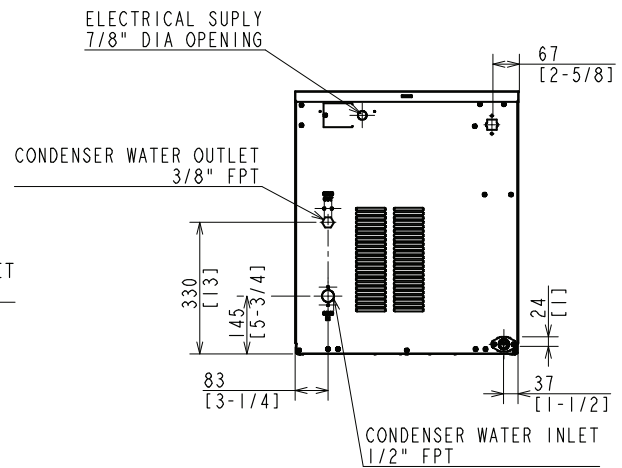


WATER-COOLED

REAR VIEW

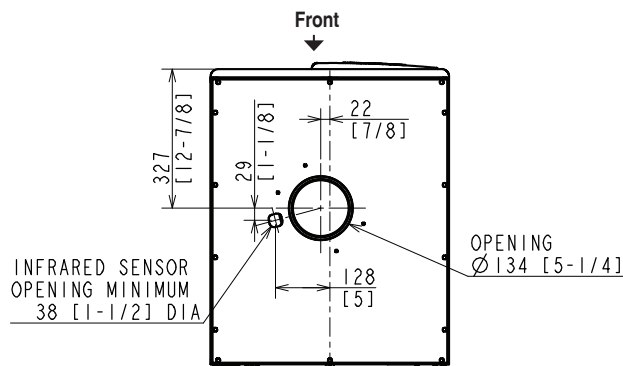


AIR-COOLED

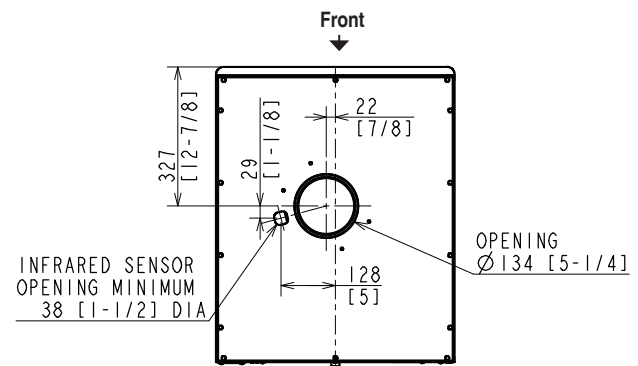


WATER-COOLED

BOTTOM VIEW



AIR-COOLED



WATER-COOLED



KM-350/520/660M_J

SLIM-LINE MODULAR CRESCENT CUBER



KM-350/520/660M_J
08/31/18
Item # 13260

W x D x H
22" x 27^{3/8}" x 28"

KM||EDGE
ICE MACHINE SERIES

Air-Cooled

KM-350MAJ ★
KM-520MAJ ★
KM-660MAJ



Air-cooled model
shown on optional bin: B-300

Water-Cooled

KM-350MWJ
KM-520MWJ
KM-660MWJ

Remote Air-Cooled

KM-520MRJ ★
KM-660MRJ

Available on Bins/Dispensers:

B-250PF B-700PF/SF B-1150SS DB-200H
B-300PF/SF B-800PF/SF B-1300SS DM-200B
B-500PF/SF B-900PF/SF DB-130H

Top kit may be required. See bin spec sheets.



Item #: _____
Project: _____
Qty: _____
AIA#: _____

Features

- ▶ Individual crescent cube
- ▶ Factory-installed ultrasonic bin control can be adjusted on site
- ▶ Simple, one-hour cleaning process



- Durable construction with fewer parts
- Self-diagnostic programming automatically adjusts to changing conditions
- Snap fit parts for easy cleaning
- Stainless steel double-sided evaporator
- CycleSaver™ design
- Protected by H-GUARD Plus Antimicrobial Agent
- EverCheck™ alert system
- Removable air filters (air-cooled model only)
- R-404A Refrigerant

Warranty:

3 Year Parts & Labor on entire machine 5 Year Parts & Labor on evaporator
5 Year Parts on Compressor; air-cooled condenser coil
Valid in United States, Canada, Puerto Rico and U.S. Territories. Contact factory for warranty in other countries.

Shipping: (LxWxH) 33" x 25.25" x 34" Volume: 16.39ft³

Condenser	Model	ICE PRODUCTION		WATER USAGE		ELECTRICAL					Heat Rejection BTU/hr.	Refrigerant Charge Amount	Net / Ship Weight (lbs.)
		Air / Water Temp Lbs. per 24 hours	70° / 50°F	Potable Gal. per 100 lbs.	Condenser Gal. per 100 lbs.	kWh Used per 100 lbs.	Min. Circuit Amp - Max. Fuse/Breaker	Amperage	Voltage	Circuit Wires (including ground)			
Air	KM-350MAJ ★	489	393	14.5	N/A	5.42	15A	9.05A	115V/60/1	3	5,700	1 lb. 3.4 oz.	125 / 145
Water	KM-350MWJ	414	383	15.5	109	4.90	15A	7.5A	115V/60/1	3	6,600	11.6 oz.	126 / 146
Air	KM-520MAJ ★	556	480	14.7	N/A	4.68	20A	10.6A	115V/60/1	3	6,600	1 lb. 10.8 oz.	131 / 151
Water	KM-520MWJ	474	444	14.8	75	4.65	20A	8.45A	115V/60/1	3	14,700	12.7 oz.	127 / 147
Remote	KM-520MRJ ★	547	495	13.6	N/A	4.80	20A	12.05A	115V/60/1	3	6,200	2 lb. 4.7 oz. 4 lb. 2.7 oz.†	122 / 142
Air	KM-660MAJ	665	617	14.8	N/A	5.12	20A	15.2A	115V/60/1	3	8,000	1 lb. 9.8 oz.	131 / 151
Water	KM-660MWJ	669	668	16.1	152	4.28	20A	12.35A	115V/60/1	3	8,900	15.2 oz.	130 / 150
Remote	KM-660MRJ	646	602	14.7	N/A	5.60	20A	16.1A	115V/60/1	3	8,100	2 lb. 4.7 oz. 4 lb. 2.7 oz.†	122 / 142

† (with condenser)

Power cord not included. Must be hard-wired at site.

Hoshizaki reserves the right to change specifications without notice.



KM-350/520/660M_J

KM-350/520/660M_J

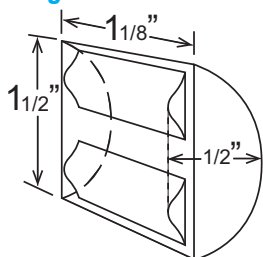
08/31/18

Item # 13260



SLIM-LINE MODULAR CRESCENT CUBER

KM Edge Cube Dimensions†



† approximate size in inches, image not to scale

Operating Limits

- Ambient Temp Range 45 - 100°F
- Water Temp Range 45 - 90°F
- Water Pressure 10 - 113 PSIG
- Voltage Range 104 - 127V

Service

- Panels easily removed and all components accessible for service.
- Removable/cleanable air filters. (Air-cooled model only)
- Allow 6" (15 cm) clearance at rear, sides, and top for proper air circulation and ease of maintenance/service.

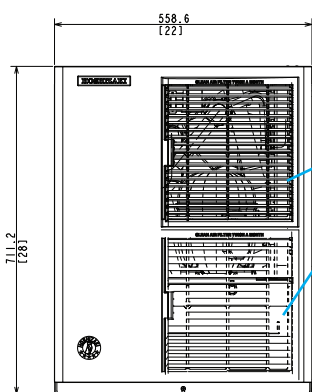
Plumbing

- Icemaker water supply line: minimum 1/4" nominal ID copper water tubing or equivalent
- Icemaker drain line: minimum 3/4" nominal ID hard pipe or equivalent Water-Cooled Model (Lines Must Be Independent of Icemaker)
- Condenser water supply line: minimum 1/4" nominal ID copper water tubing or equivalent
- Condenser drain/return line: minimum 1/4" nominal ID hard pipe (open drain system) or copper water tubing (closed loop system) or equivalent

Water Filter

Please refer to water filter specification sheet for recommendations.

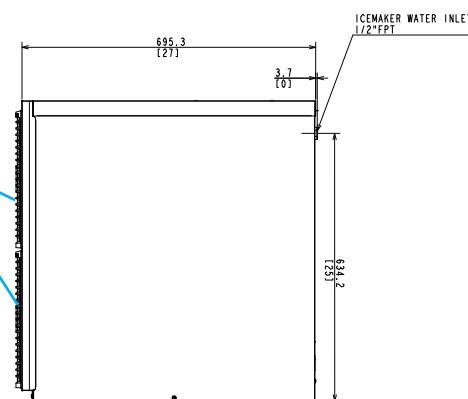
FRONT VIEW



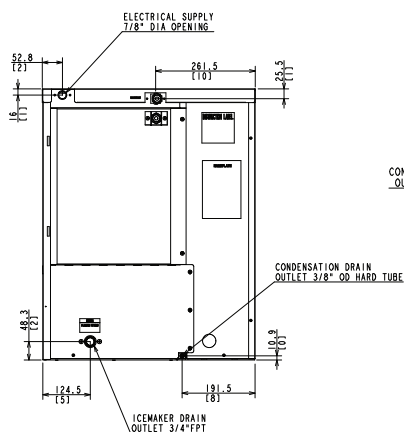
SIDE VIEW

Louvers on Air-Cooled models only

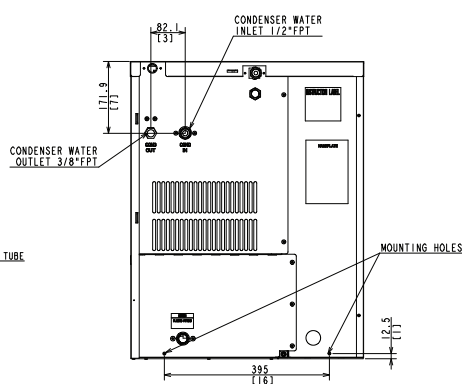
Front



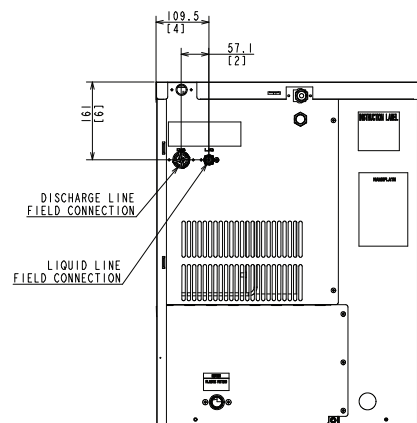
REAR VIEW



AIR-COOLED

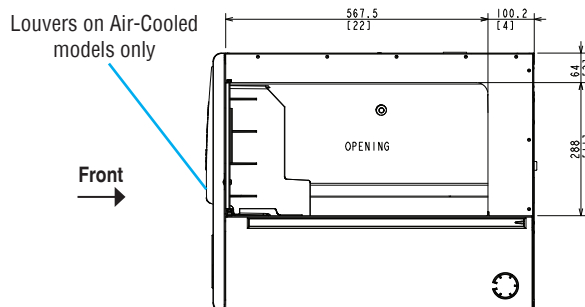


WATER-COOLED



REMOTE AIR-COOLED

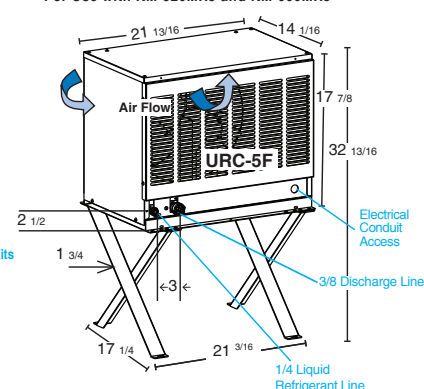
BOTTOM VIEW



URC-5F Remote Condenser (Sold Separately)

(W x D x H) 21 13/16 x 14 1/16 x 32 13/16

For Use with KM-520MRJ and KM-660MRJ



Pre-Charged Tubing Kits
(Sold Separately)
20' R404-2046-2
35' R404-3546-2

Voltage supply for the URC Remote Condenser is supplied from the Ice Maker. No additional circuit is required.



F-1002M_J(-C)

Modular Ice Machine
Slim-Line Series



F-1002M_J(-C)
01/05/18
Item # 13108

W x D x H
22" x 27^{3/8}" x 26"

Shipping Dimensions
32" x 26^{1/2}" x 32"

F-1002MAJ
Air-Cooled Flaker
Shown on optional bin B-700

F-1002MWJ
Water-Cooled Flaker

F-1002MRJ
Remote Air-Cooled Flaker

F-1002MAJ-C
Air-Cooled Cubelet

F-1002MWJ-C
Water-Cooled Cubelet

F-1002MRJ-C
Remote Air-Cooled Cubelet



Item #: 17

Project: Jimmy John's

Qty: _____

AIA#: _____

Features

► Durable stainless steel exterior

► Advanced CleanCycle24™ design



► Stainless steel auger with greaseless bearing

- Flaker - Up to 980 lbs. of ice production per 24 hrs.
- Cubelet - Up to 890 lbs. of ice production per 24 hrs.
- Infrared bin control for easy cleaning and reliability
- Protected by H-GUARD Plus Antimicrobial Agent
- 2 second flush cycle every hour
- Flush cycle removes sediment for cleaner ice
- Mount two units, side-by-side, in only 44" of floor space for double the amount of ice production
- R-404A Refrigerant

Available on Bins:

B-250PF B-500PF/SF B-800PF/SF B-1150SS B-1500SS*
B-300PF/SF B-700PF/SF B-900PF/SF B-1300SS B-1650SS*

Top kit may be required; See Bin Spec Sheets. *Two unit application only.

Warranty:

3 Year Parts & Labor on entire machine. 5 Year Parts on Compressor; air-cooled condenser coil. Valid in United States, Canada, Puerto Rico and U.S. Territories. Contact factory for warranty in other countries.

Condenser	Model	ICE PRODUCTION		WATER USAGE		ELECTRICAL					Heat Rejection BTU/hr.	Refrigerant Charge Amount	Net / Ship Weight (lbs.)
		Air / Water Temp Lbs. per 24 hours 70°/50°F	90°/70°F	Potable Gal. per 100 lbs. 90°/70°F	Condenser Gal. per 100 lbs. 90°/70°F	kWh Used per 100 lbs. 90°/70°F	Max. Fuse Size or HACR Circuit Breaker	Amperage	Voltage	Circuit Wires (including ground)			
Air	F-1002MAJ	980	758	12.0	N/A	4.36	20A	15.2A	115V/60/1	3	8,500	2 lbs. 4.2 oz.	176 / 210
Water	F-1002MWJ	955	833	12.0	110	3.57	20A	13.7A	115V/60/1	3	8,200	12.3 oz.	176 / 205
Remote	F-1002MRJ	907	722	12.0	N/A	4.51	20A	15.2A	115V/60/1	3	8,600	1 lb. 14 oz. 2 lbs. 3.3 oz. †	176 / 210
Air	F-1002MAJ-C	890	726	12.0	N/A	4.57	20A	15.2A	115V/60/1	3	8,700	2 lbs. 4 oz.	176 / 210
Water	F-1002MWJ-C	878	770	12.0	111.0	3.95	20A	13.7A	115V/60/1	3	8,200	12.3 oz.	176 / 205
Remote	F-1002MRJ-C	821	680	12.0	N/A	4.94	20A	15.2A	115V/60/1	3	8,500	1 lb. 14 oz. 2 lbs. 3.3 oz. †	176 / 210

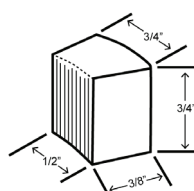
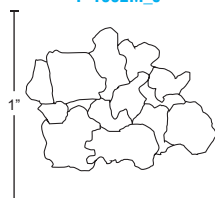
†(with condenser)

Ice machines must be hard-wired at site.

Cube Dimensions*

Flaked
F-1002M_J

Cubelet
F-1002M_J-C



* approximate size in inches, image not to scale

Operating Limits

- Ambient Temp Range 45 - 100°F
- Water Temp Range 45 - 90°F
- Water Pressure 10 - 113 PSIG
- Voltage Range 104-127V

Service

- Panels easily removed and all components accessible for service.
- Allow 24" (61 cm) clearance at top for removal of auger and 6" (15 cm) clearance at rear and sides for proper air circulation and ease of maintenance/service.

Plumbing

- Ice maker Water Supply Line: Minimum 1/4" Nominal ID Copper Water Tubing or Equivalent
- Ice maker Drain Line: Minimum 3/4" Nominal ID Hard Pipe or Equivalent
- Water-Cooled Model (Lines Must Be Independent of Ice maker)
- Condenser Water Supply Line: Minimum 1/4" Nominal ID Copper Water Tubing or Equivalent
- Condenser Drain/Return Line: Minimum 1/4" Nominal ID Hard Pipe (open drain system) or Copper Water Tubing (closed loop system) or Equivalent



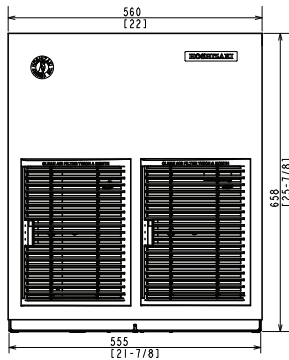
F-1002M_J(-C)

Modular Ice Machine
Slim-Line Series

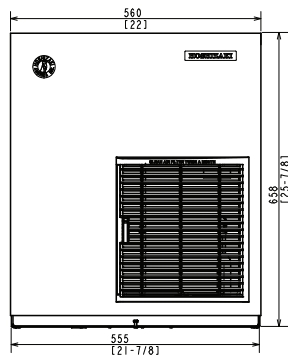


F-1002M_J(-C)
01/05/18
Item # 13108

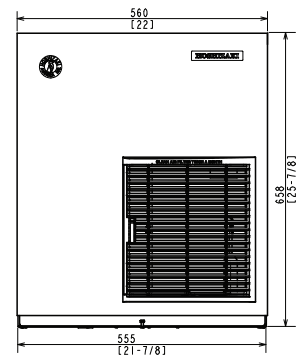
FRONT VIEW



AIR-COOLED



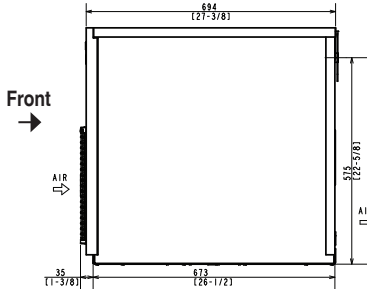
WATER-COOLED



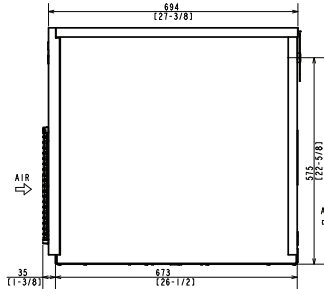
REMOTE AIR-COOLED

mm
[inch]

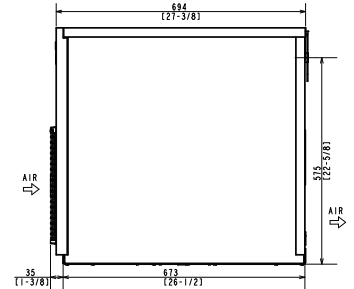
SIDE VIEW



AIR-COOLED

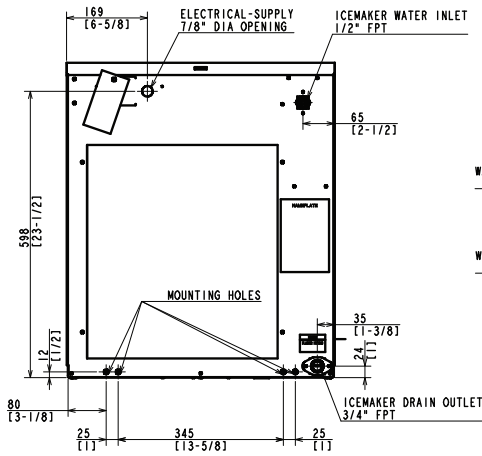


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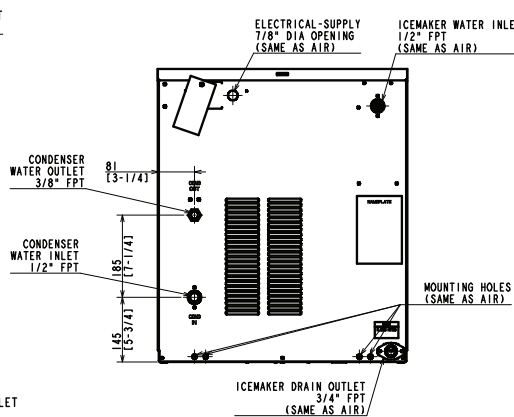


REMOTE AIR-COOLED

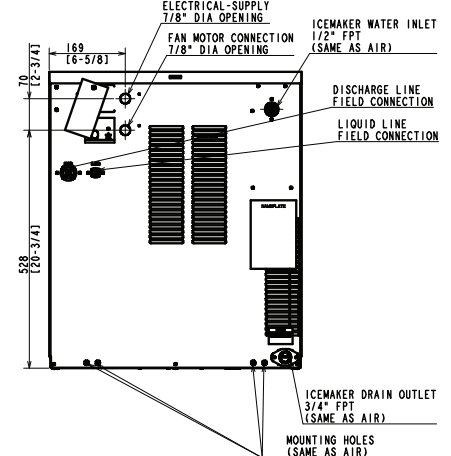
REAR VIEW



AIR-COOLED

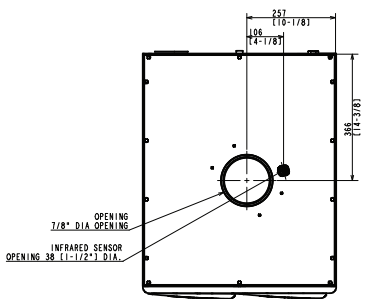


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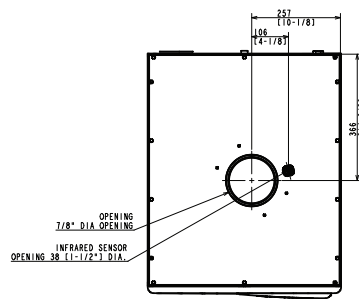


REMOTE AIR-COOLED

BOTTOM VIEW



AIR-COOLED



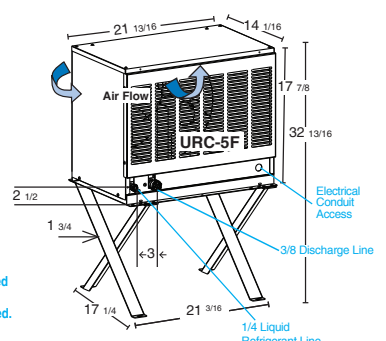
WATER-COOLED
REMOTE AIR-COOLED



Pre-Charged Tubing Kits
(Sold Separately)
20' R404-2046-2
35' R404-3546-2

Voltage supply for the URC
Remote Condenser is supplied
from the Ice Maker.
No additional circuit is required.

URC-5F Remote Condenser (Sold Separately)
(W x D x H) 21 13/16 x 14 1/16 x 32 13/16
For Use with F-1002MRJ(-C)





SLIM-LINE MODULAR CRESCENT CUBER



KM-515M_H
6/27/16
Item # 13217

W x D x H
22" x 27^{3/8}" x 30^{5/16}"

KM-515MAH ★

Air-Cooled

Shown on optional bin B-300

KM-515MWH

Water-Cooled


KM-515MRH



Remote Air-Cooled



Item #: _____
Project: _____
Qty: _____
AIA#: _____

Features

- ▶ Individual crescent cube
- ▶ Stainless steel evaporator
- ▶ CycleSaver™ design 

- Up to 527 lbs. of ice production per 24 hours
- Durable stainless steel exterior
- Protected by H-GUARD Plus  Antimicrobial Agent
- EverCheck™ alert system 
- Mount two units side-by-side for 1,054 lbs. per 24 hours (in only 44" of floor space)
- Removable air filters (Air-cooled model only)
- R-404A Refrigerant

Available on Bins:

B-250PF B-700PF/SF B-1150SS B-1650SS DM-200B
B-300PF/SF B-800PF/SF B-1300SS DB-130H
B-500PF/SF B-900PF/SF B-1500SS DB-200H

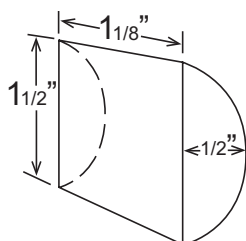
Top kit may be required. See Bin Spec Sheets.

Warranty:

3 Year Parts & Labor on entire machine. 5 Year Parts & Labor on Evaporator. 5 Year Parts on Compressor; air-cooled condenser coil. Valid in United States, Canada, Puerto Rico and U.S. Territories. Contact factory for warranty in other countries.

Condenser	Model	ICE PRODUCTION		WATER USAGE		ELECTRICAL						Heat Rejection BTU/hr.	Shipping Weight	ENERGY STAR®
		Air / Water Temp Lbs. per 24 hours	Per Cycle	Potable Gal. per 100 lbs.	Condenser Gal. per 100 lbs.	kWh Used per 100 lbs.	Max. Fuse Size or HACR Circuit Breaker	Amperage	Voltage					
		70°/ 50°F	90°/ 70°F	Lbs.	Cubes	90°/ 70°F	90°/ 70°F	90°/ 70°F						
Air-Cooled	KM-515MAH	527	450	9.8	480	18.5	N/A	5.9	20A	11.7A	115V/60/1	9,500	175 lbs.	★
Water-Cooled	KM-515MWH	462	446	10.0	480	23.0	106	5.1	20A	9.6A	115V/60/1	8,200	175 lbs.	
Remote Air-Cooled	KM-515MRH	491	452	10.3	480	20.8	N/A	5.8	20A	11.3A	115V/60/1	8,500	175 lbs.	

KM Cube Dimensions*



* approximate size in inches, image not to scale

Operating Limits

- Ambient Temp Range 45 - 100°F
- Water Temp Range 45 - 90°F
- Water Pressure 10 - 113 PSIG
- Voltage Range 104-127V

Service

- Panels easily removed and all components accessible for service.
- Allow 6" (15 cm) clearance at rear, sides, and top for proper air circulation and ease of maintenance/service.

Plumbing

- Icemaker Water Supply Line: Minimum 1/4" Nominal ID Copper Water Tubing or Equivalent
- Icemaker Drain Line: Minimum 3/4" Nominal ID Hard Pipe or Equivalent
- Water-Cooled Model (Lines Must Be Independent of Icemaker)
- Condenser Water Supply Line: Minimum 1/4" Nominal ID Copper Water Tubing or Equivalent
- Condenser Drain/Return Line: Minimum 1/4" Nominal ID Hard Pipe (open drain system) or Copper Water Tubing (closed loop system) or Equivalent



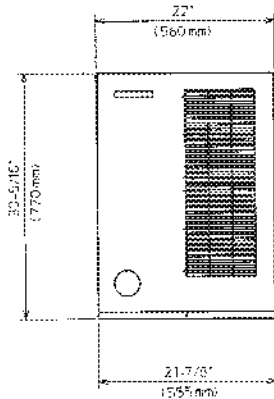
KM-515M H

SLIM-LINE MODULAR CRESCENT CUBER

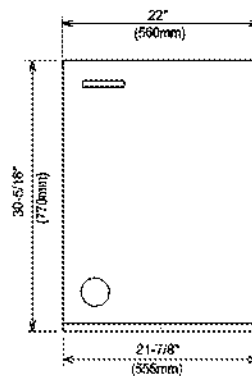


KIVI-515M_H
6/27/16
Item # 13217

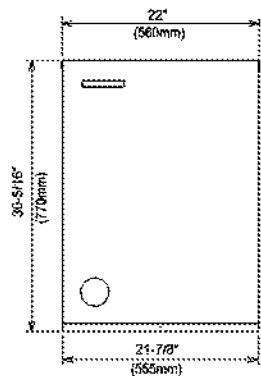
FRONT VIEW



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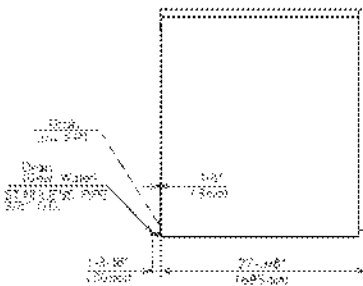


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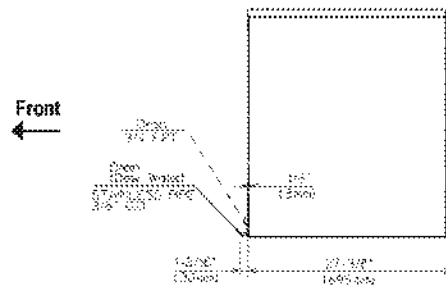


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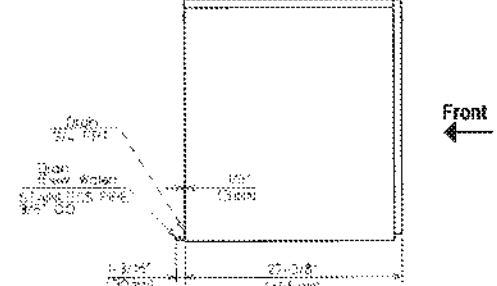
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AS-CELLS

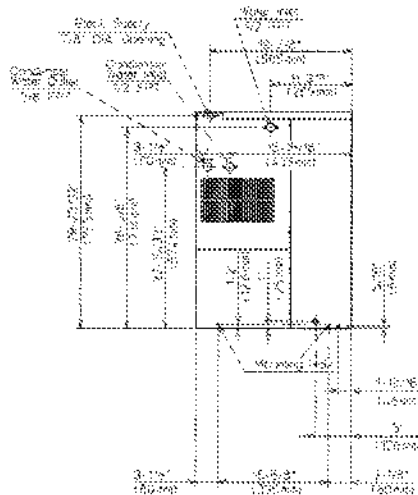


WATER-COOLING

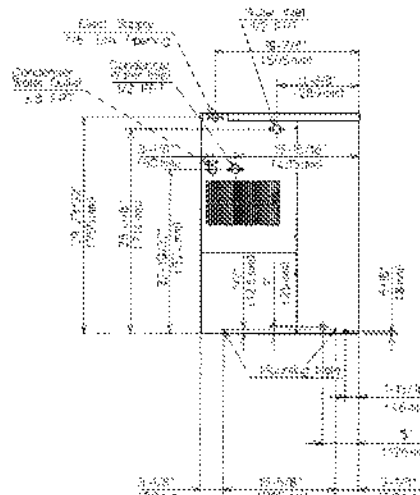


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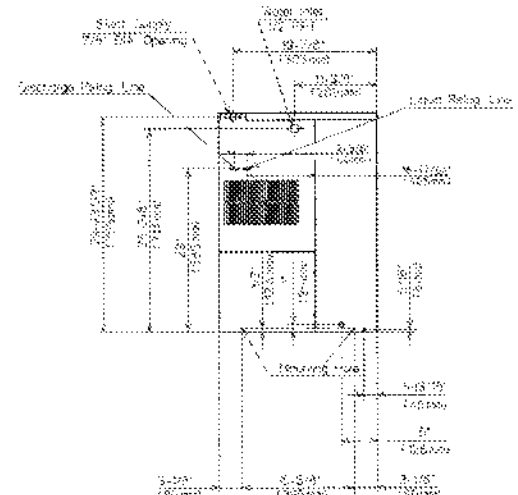
REAR VIEW



AR-039130

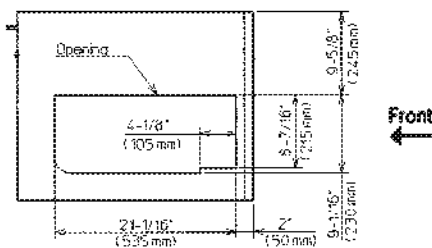


WATER-COOLED



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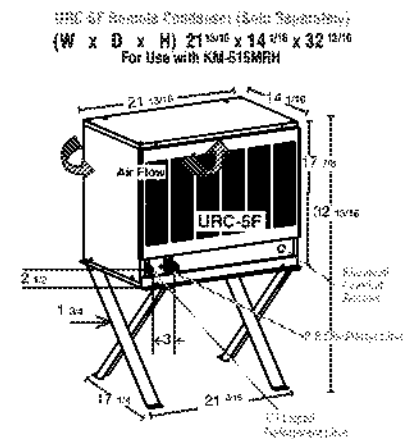
BOTOMLEY



AIR-COOLED
WATER-COOLED
REMOTE AIR-COOLED



Village supply for the U.S. Forests Department is supplied
from the U.S. Forest. No additional charge is required.



Hoshizaki reserves the right to change specifications without notice.

PF/SF BINS

ICE STORAGE BIN SERIES

Item # _____

Project: _____

Qty: _____

*AutoCad available on KCL

PF/SF BINS
2/09

Item # 13163

BIN DIMENSIONS

W x D x H

B-250PF
30 x 32^{1/2} x 33^{3/8}*

B-300PF/SF
22 x 32^{1/2} x 46*

B-500PF/SF
30 x 32^{1/2} x 46*

B-700PF/SF
44 x 32^{1/2} x 46*

B-800PF/SF
48 x 32^{1/2} x 46*

B-900PF/SF
52 x 32^{1/2} x 46*

*with 6" adj. legs



B-250PF

B-300PF
B-300SFB-500PF
B-500SFB-700PF
B-700SFB-800PF
B-800SFB-900PF
B-900SF

PF - PVC Coated Galvanized Steel Finish

SF - Stainless Steel Finish


PF BINS

- Ice storage capacity from 250 lbs. up to 900 lbs.
- Vinyl clad galvanized steel cabinet exterior design for easy cleaning

SF BINS

- Ice storage capacity from 300 lbs. up to 900 lbs.
- Stainless steel exterior design for easy cleaning

PF/SF BINS

- Protected by *HoshiGuard* Antimicrobial Agent 
- Long lasting attractive appearance
- Polyethylene bin liner for sanitary storage
- Sturdy construction for side by side or stacked ice machine installation
- Foamed-in-place polyurethane insulation, in all bin walls and bottom, provides dependable ice storage



Warranty

Valid in United States, Canada, Puerto Rico, & U.S. Territories. Contact factory for warranty in other countries.

Two Year - Parts & Labor.

© HOSHIZAKI AMERICA, INC.

618 Hwy. 74 S., Peachtree City, GA 30269

TEL 1-800-438-6087

FAX 1-800-345-1325

www.hoshizaki.com

Hoshizaki

PF/SF BINS ICE STORAGE BIN SERIES

B-250PF
B-300PF/SF
B-500PF/SF
B-700PF/SF
B-800PF/SF
B-900PF/SF

- Up to 230 lbs. of ice storage
- Up to 260 lbs. of ice storage
- Up to 360 lbs. of ice storage
- Up to 550 lbs. of ice storage
- Up to 600 lbs. of ice storage
- Up to 660 lbs. of ice storage

ICE STORAGE BIN APPLICATION

Model Number	Application Capacity Storage	ARI-Rated Storage Capacity	Dimensions W x D x H	Shipping Weight
B-250PF	250 lbs.	230 lbs.	30" x 32 ¹ / ₂ " x 33 ³ / ₈ "	130 lbs.
B-300PF/SF	300 lbs.	260 lbs.	22" x 32 ¹ / ₂ " x 46"	135 lbs.
B-500PF/SF	500 lbs.	360 lbs.	30" x 32 ¹ / ₂ " x 46"	155 lbs.
B-700PF/SF	700 lbs.	550 lbs.	44" x 32 ¹ / ₂ " x 46"	200 lbs.
B-800PF/SF	800 lbs.	600 lbs.	48" x 32 ¹ / ₂ " x 46"	210 lbs.
B-900PF/SF	900 lbs.	660 lbs.	52" x 32 ¹ / ₂ " x 46"	220 lbs.

*height includes 6" adj. legs

ICE MACHINE MODEL APPLICATION

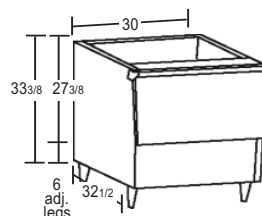
Bin	22" Width KM-320M KM-461M KM-515M KM-600M KM-650M F-450M F-801M F-1001M	30" Width KM-901M KM-1340M KM-1601M KML Series F-1500M F-2000M KMD-700M KMD-850M KMD-901MRH KMD-901MWH KMS Series*	44" Width 2 KM-320M 2 KM-461M 2 KM-515M 2 KM-600M 2 KM-650M 2 F-450M 2 F-801M 2 F-1001M	48" Width KM-1301S KM-1600S KM-1601S KM-1900S KM-2000S KM-2400S
22" Width B-300PF/SF	No Top Kit Needed			
30" Width B-250PF B-500PF/SF	Need HS-2033	No Top Kit Needed NEED HS-2129		
44" Width B-700PF/SF	Need HS-2035	Need HS-2034 NEED HS-2130 & HS-2034	No Top Kit Needed	
48" Width B-800PF/SF	Need HS-2035 & HS-2032	Need HS-2034/2032 NEED HS-2131 & HS-2034/2032	Need HS-2033	No Top Kit Needed
52" Width B-900PF/SF	Need HS-2035 & HS-2033	Need HS-2035 NEED HS-2132 & HS-2035	Need HS-2033	Need HS-2032

* KMS Series on bin application additionally requires HS-0224 (Mechanical Bin Control Extension)
 Top Kit Extensions - HS-2129 - for use with B-500 bins
 HS-2130 - for use with B-700 bins
 HS-2131 - for use with B-800 bins
 HS-2132 - for use with B-900 bins



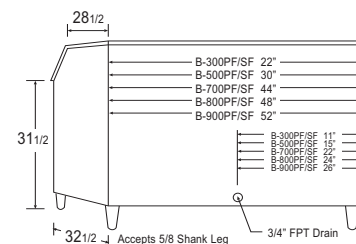
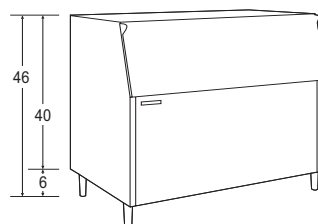
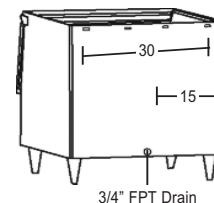
© HOSHIZAKI AMERICA, INC.

618 Hwy. 74 S., Peachtree City, GA 30269



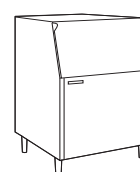
B-250PF

22 x 32¹/₂ x 33³/₈
W x D x H



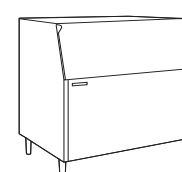
B-300PF/SF

22 x 32¹/₂ x 46
W x D x H



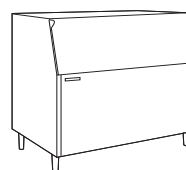
B-500PF/SF

30 x 32¹/₂ x 46
W x D x H



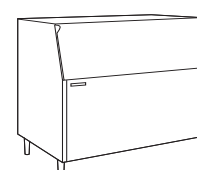
B-700PF/SF

44 x 32¹/₂ x 46
W x D x H



B-800PF/SF

48 x 32¹/₂ x 46
W x D x H



B-900PF/SF

52 x 32¹/₂ x 46
W x D x H

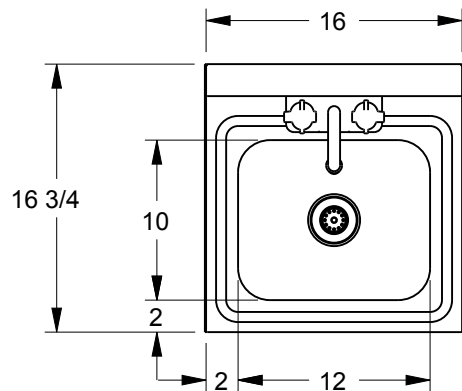


TEL 1-800-438-6087

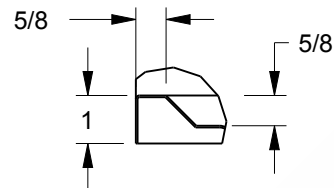
FAX 1-800-345-1325

www.hoshizaki.com

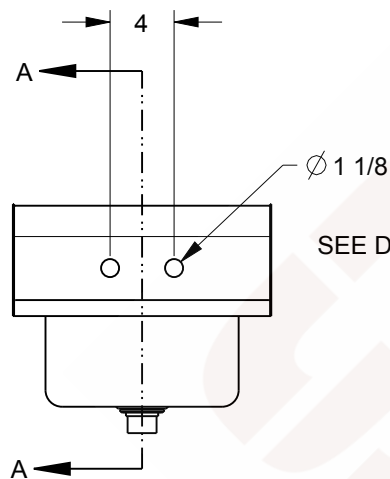
Printed in U.S.A.



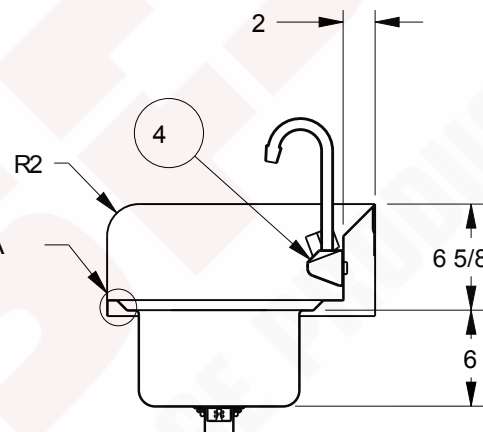
PLAN
SCALE: 1" = 1'



DETAIL A
SCALE 0.250

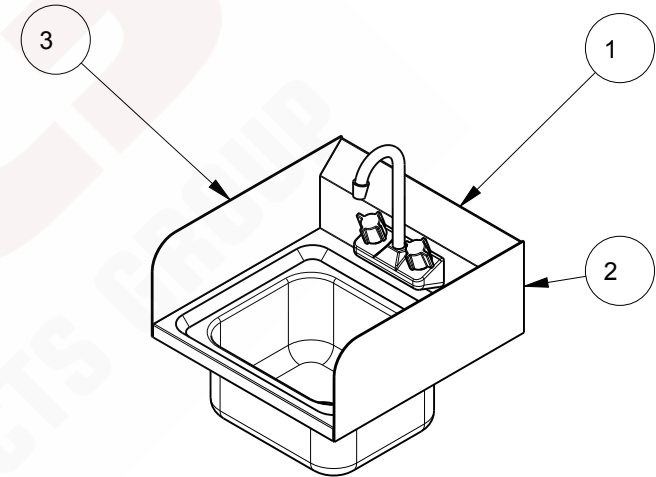


ELEVATION
SCALE: 1" = 1'




SECTION A-A
SCALE: 1" = 1'

1	Economy Hand Sink, 20 ga.300 Series SS
2	Endsplash, Handsink, 14 ga. 300 Series SS
3	Endsplash, Handsink, 14 ga. 300 Series SS
4	Splash Mount Faucet, Gooseneck Spout
NOTE	OMIT FAUCET ON MODEL EHS-1RL -NF



ISOMETRIC
SCALE: 1" = 1'

DRAWING STATUS: <input type="checkbox"/> APPROVED <input type="checkbox"/> APPROVED AS NOTED <input type="checkbox"/> REVISE & RESUBMIT BY:		DATE:		CAT #:	
 <p>Universal Stainless 14002 E. 33rd Place Aurora, CO 80011 Phone: 303.375.1511 Fax: 303.375.1626</p>		<p>PROPRIETARY NOTICE: This sheet contains confidential, proprietary information of SPG International, LLC. Any person accepting this sheet and/or information agrees to make no disclosure, use, or duplication thereof except as authorized by SPG International, LLC, and to return this sheet on request. Copyright © 2010 SPG International, LLC. All rights reserved.</p> <p>ATTENTION: This drawing is the only document that defines this item. No P.O., verbal, or written document will be considered. You are fully responsible for all dimensions.</p>			
		<p>TOLERANCES: (Unless otherwise specified) Decimals: .X : ± .1 .XX : ± .06 .XXX : ± .031 Fractions : ± 1/8" Angles : ± 1°</p>			
		<p>Customer:</p> <p>Project: Economy Hand Sinks</p>			
<p>Model #: EHS-1RL</p>		<p>Item #:</p>		<p>QTY: See P.O.</p>	
<p>DRW By: RDD</p>		<p>Description: Wall Mount Hand Sink, 12x10</p>			
<p>Date: 15-Dec-10</p>		<p>DRW #: EHS-1RL</p>		<p>REV: A</p>	
				<p>Sheet: 1 of 1</p>	





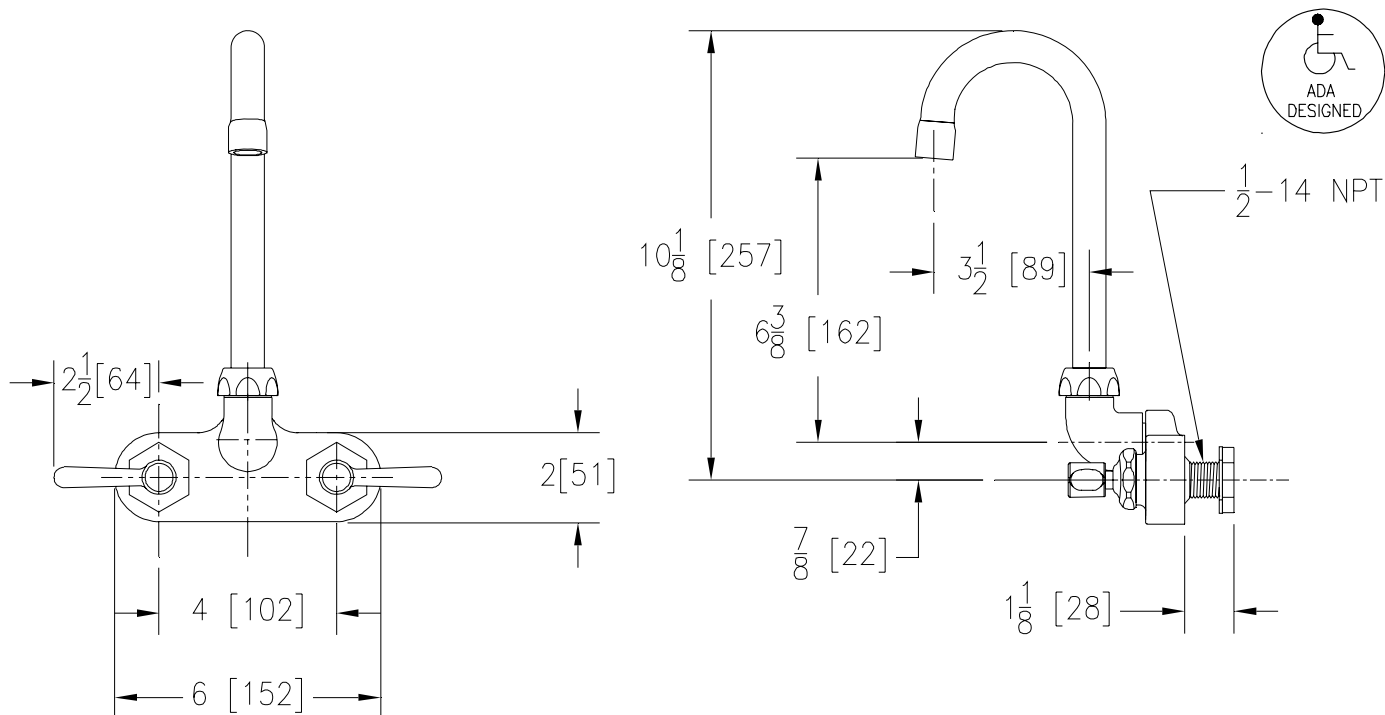
4" CENTERSET GOOSENECK

Z812A1-TWM

TAG _____

Engineering Specifications: Zurn AquaSpec® Z812A1-TWM

Polished chrome-plated cast brass wall mounted faucet body with integral shanks, quarter turn ceramic disc cartridges and a 3-1/2" [89mm] centerline rigid or swing gooseneck spout. Unit is furnished with a 2.2 GPM [8.3 L] pressure compensating aerator (complying with ANSI A112.18.1 Standard for flow), 2-1/2" [64mm] vandal-resistant color-coded metal lever handles and mounting hardware.



Note: All dimensions are for reference only. Do not use for pre-plumbing

OPTIONAL ACCESSORIES

Suffix	Description
___-FC	2.0 GPM [7.6 L] Laminar Flow Control in Base of Spout
___-G	1-1/4" [32mm] Grid Strainer Drain
___-GH	1-1/4" [32mm] Offset Handicap Grid Drain
___-HCT	Hot/Cold Text Indexes
___-140	Restricted 140° Swing Spout
___-2F	2.2 GPM [8.3 L] Vandal-Resistant Pressure Compensating Female Aerator
___-3F	0.5 GPM [1.9 L] Vandal-Resistant Pressure Compensating Female Aerator
___-4F	2.2 GPM [8.3 L] Vandal-Resistant Pressure Compensating Female Laminar Flow
___-5F	2.0 GPM [7.6 L] Female Spray Outlet
___-7F	1.0 GPM [3.8 L] Pressure Compensating Female Spray Outlet
___-16F	1.0 GPM [3.8 L] Vandal Resistant Pressure Compensating Female Spray Outlet
___-17F	1.5 GPM [5.7 L] Vandal Resistant Pressure Compensating Female Aerator
___-18F	1.5 GPM [5.7 L] Vandal Resistant Pressure Compensating Female Laminar Flow

ZURN INDUSTRIES, INC. ♦ COMMERCIAL BRASS OPERATION ♦ 2640 SOUTH WORK STREET ♦ FALCONER NY 14733

Phone: 1-716-665-1132 ♦ Fax: 1-716-665-1135 ♦ World Wide Web: www.zurn.com

In Canada: ZURN INDUSTRIES LIMITED ♦ 3544 Nashua Drive ♦ Mississauga, Ontario L4V1L2 ♦ Phone: 905/405-8272 Fax: 905/405-1292



**John
BOOS**
Since 1887

ITEM #: _____ QTY: _____
MODEL #: _____
PROJECT NAME: _____

090618

3601 S. Banker St. Effingham, IL 62401 • P.O. BOX 609 • Ph: (888) 431-2667 • Fax: (800) 433-2667

"3B-2D" "B-SERIES" SINKS



FEATURES:

- 16GA STAINLESS STEEL
- TYPE 300 STAINLESS STEEL WITH #4 POLISH, SATIN FINISH
- 14" DEEP BOWLS
- ALL CORNERS, BOTH VERTICAL AND HORIZONTAL, COVED AT 3/4" RADIUS
- BOTTOMS OF BOWLS FORMED FOR DRAINAGE TO 3-1/2" DIAMETER DIE STAMPED OPENING
- FULL LENGTH **10" HIGH BOXED BACKSPLASH**, WITH 2" RETURN TO WALL AT 45 DEGREE AND 1" TURNED DOWN REAR LIP
- 1" FAUCET HOLES IN BACKSPLASH
- ALL OUTSIDE CORNERS OF ASSEMBLY ARE BULLNOSED TO PROVIDE SAFE, CLEAN, AND POLISHED EDGE
- STANDARD STAINLESS STEEL LEGS 1-5/8" DIAMETER

CONSTRUCTION:

- TOP: STAINLESS STEEL SINKS ARE TIG WELDED, EXPOSED WELDS ARE POLISHED TO MATCH ADJACENT SURFACE
- BASE: STAINLESS STEEL BASES ARE MIG WELDED

MATERIAL:

- BOWLS & TOP: 16GA TYPE 300 STAINLESS STEEL WITH #4 POLISH, SATIN FINISH
- LEGS: 1-5/8" ROUND O.D. STAINLESS STEEL
- BRACING: 1-1/4" ROUND O.D. STAINLESS STEEL
- GUSSETS: STAINLESS STEEL
- FEET: 1" ADJUSTABLE STAINLESS STEEL BULLET FEET



3B18244-2D18
(Model showing one set of faucet holes.)

STANDARD 16GA "3B-2D" "B-SERIES" SINK

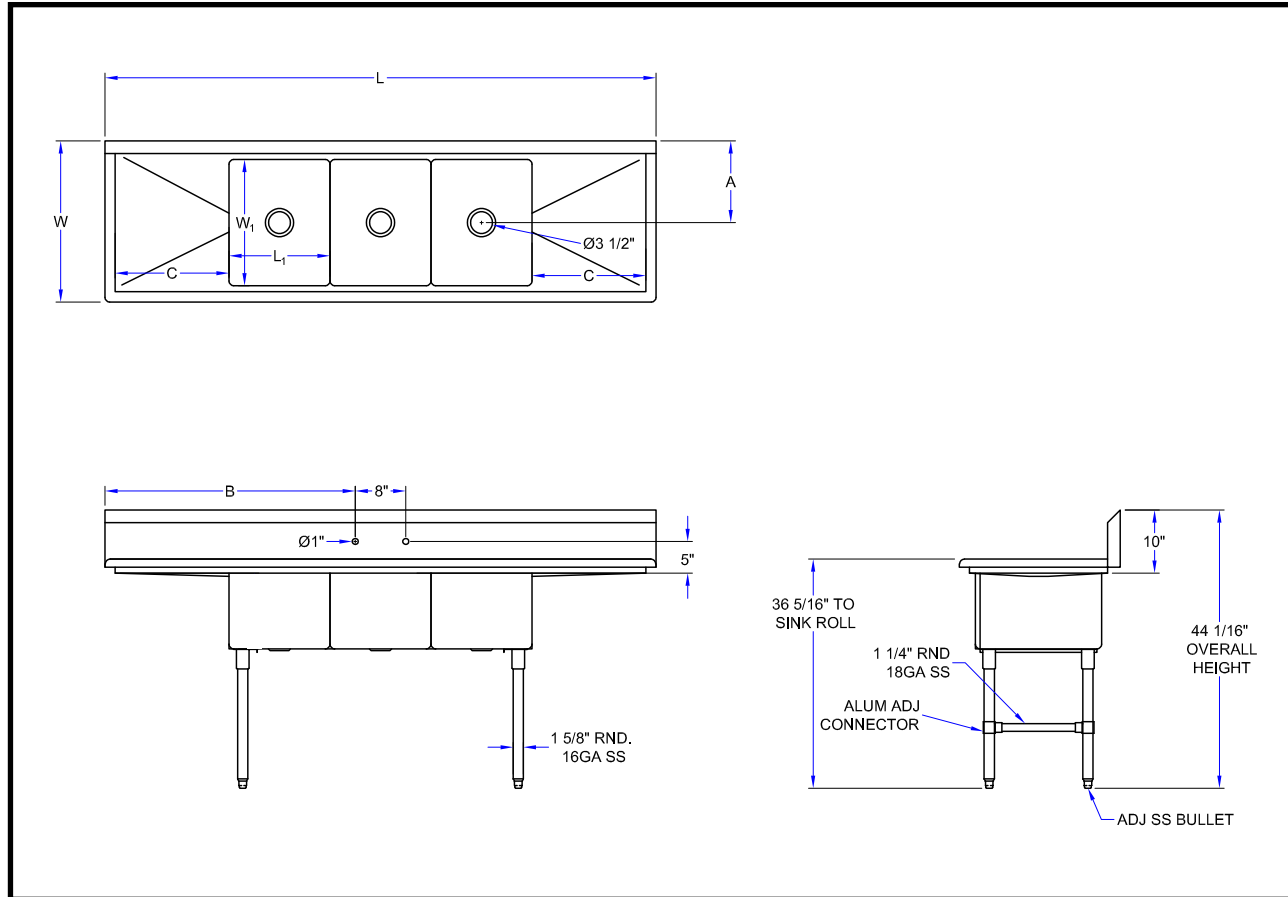
MODEL	QTY
3B16204-2D18	
3B16204-2D24	
3B16204-2D36	
3B184-2D18	
3B18244-2D18	
3B18244-2D24	
3B20304-2D20	
3B20304-2D24	
3B20304-2D30	
3B244-2D24 *	

* WITH TWO SETS OF FAUCET HOLES

OPTIONAL ACCESSORIES

DESCRIPTION	QTY
FAUCETS	
ADD-A-FAUCETS	
PRE-RINSE UNITS	
LEVEL WASTE	
OVERSHELVES	
POT RACK	

DETAILED SPECIFICATIONS



16GA - "3B-2D" "B SERIES" SINK

14" DEEP	L	W	L1	W1	A	B	C
3B16204-2D18	87-1/4"	25-1/2"	16"	20"	12-15/16"	39-5/8"	18"
3B16204-2D24	99-1/4"	25-1/2"	16"	20"	12-15/16"	45-5/8"	24"
3B16204-2D36	123-1/4"	25-1/2"	16"	20"	12-15/16"	57-5/8"	36"
3B184-2D18	93-1/4"	23-1/2"	18"	18"	11-15/16"	42-5/8"	18"
3B18244-2D18	93-1/4"	29-1/2"	18"	24"	14-15/16"	42-5/8"	18"
3B18244-2D24	105-1/4"	29-1/2"	18"	24"	14-15/16"	48-5/8"	24"
3B20304-2D20	103"	35-1/2"	20"	30"	18-3/16"	47-5/8"	20"
3B20304-2D24	111"	35-1/2"	20"	30"	18-3/16"	51-5/8"	24"
3B20304-2D30	123"	35-1/2"	20"	30"	18-3/16"	57-5/8"	30"
3B244-2D24 *	123-1/4"	29-1/2"	24"	24"	14-15/16"	45-5/8"	24"

* WITH TWO SETS OF FAUCET HOLES

SOME UNITS SHIP UNASSEMBLED FOR REDUCED SHIPPING COST. ALL DIMENSIONS ARE TYPICAL. TOLERANCE +/- .500"

John Boos & Co. is constantly engaged in a program of improving products and therefore reserves the right to change specifications without prior notice.



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090618

147



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ITEM #: _____ QTY: _____

MODEL #: _____

PROJECT NAME: _____

062217

3601 S. Banker St. Effingham, IL 62401 • P.O. BOX 609 • Ph: (888) 431-2667 • Fax: (800) 433-2667

"3BCS" "B-SERIES" CORNER SINKS



FEATURES:

- 16GA STAINLESS STEEL
- TYPE 300 STAINLESS STEEL WITH #4 POLISH, SATIN FINISH
- 14" DEEP BOWLS
- ALL CORNERS, BOTH VERTICAL AND HORIZONTAL, COVED AT 3/4" RADIUS
- BOTTOMS OF BOWLS FORMED FOR DRAINAGE TO 3-1/2" DIAMETER DIE STAMPED OPENING
- FULL LENGTH **10" HIGH BOXED BACKSPLASH**, WITH 2" RETURN TO WALL AT 45 DEGREE AND 1" TURNED DOWN REAR LIP
- 1-1/8" FAUCET HOLES IN BACKSPLASH
- ALL OUTSIDE CORNERS OF ASSEMBLY ARE BULLNOSED TO PROVIDE SAFE, CLEAN, AND POLISHED EDGE
- STANDARD STAINLESS STEEL LEGS 1-5/8" DIAMETER

CONSTRUCTION:

- TOP: STAINLESS STEEL SINKS ARE TIG WELDED, EXPOSED WELDS ARE POLISHED TO MATCH ADJACENT SURFACE
- BASE: STAINLESS STEEL FRAME IS MIG WELDED

MATERIAL:

- BOWLS & TOP: 16GA TYPE 300 STAINLESS STEEL WITH #4 POLISH, SATIN FINISH
- LEGS: 1-5/8" ROUND O.D. STAINLESS STEEL
- BRACING: 1-1/4" ROUND O.D. STAINLESS STEEL
- GUSSETS: STAINLESS STEEL
- FEET: 1" ADJUSTABLE STAINLESS STEEL BULLET FEET



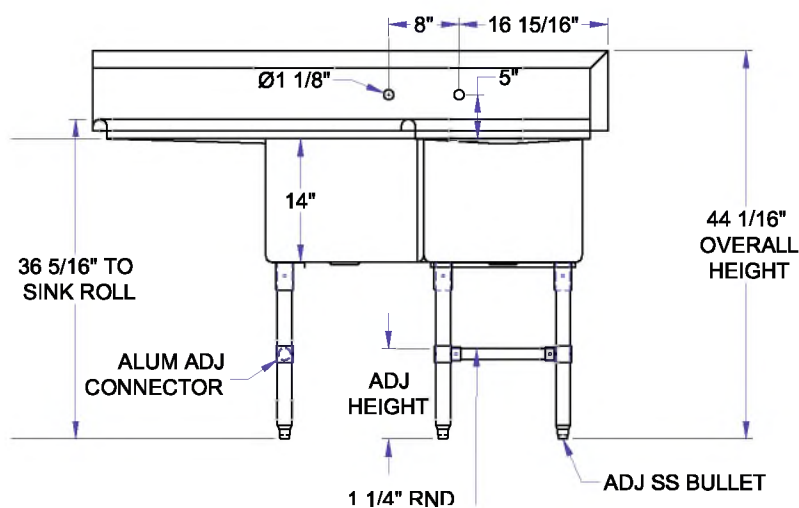
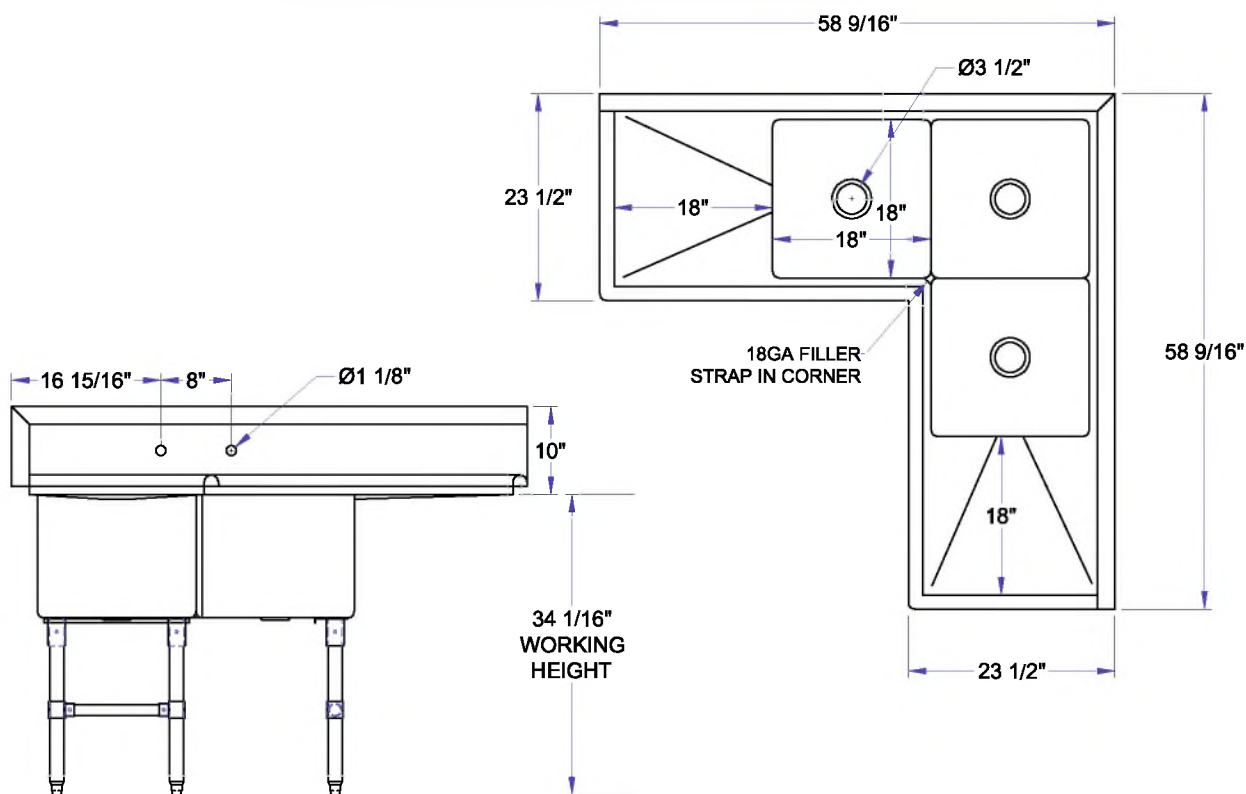
STANDARD 16GA "3BCS" SINK

MODEL	BOWL SIZE (LxWxD)	QTY
3BCS-184-2D18	18" X 18" X 14"	

OPTIONAL ACCESSORIES

DESCRIPTION	QTY
FAUCETS	
ADD-A-FAUCETS	
PRE-RINSE UNITS	
LEVEL WASTE	
OVERSHELVES	
POT RACK	

DETAILED SPECIFICATIONS



STANDARD 16GA "3BCS" "B" SERIES SINK

MODEL	BOWL SIZE (LxWxD)	DIMENSIONS (LxW)	DRAIN BOARDS	WT. (LBS)
3BCS-184-2D18	18" X 18" X 14"	58-1/2" X 23-1/2"	18"	123

SOME UNITS SHIP UNASSEMBLED FOR REDUCED SHIPPING COST. ALL DIMENSIONS ARE TYPICAL. TOLERANCE +/- .500"

John Boos & Co. is constantly engaged in a program of improving products and therefore reserves the right to change specifications without prior notice.



062217

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133



PRE-RINSE

Z842H1-XL.0001

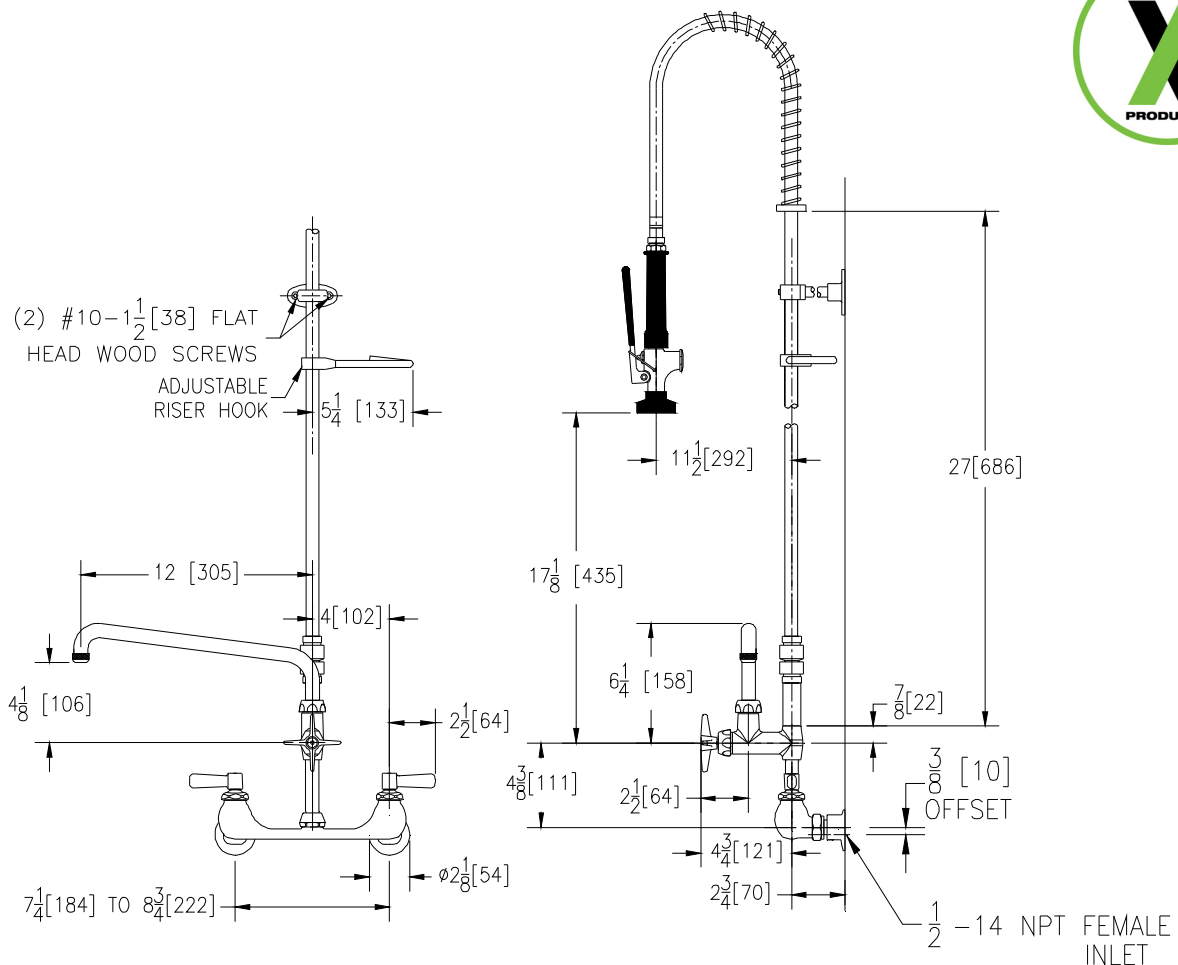
(Z842H1-XL-AF-X0-PR1-11F-735)

TAG

Engineering Specification: Zurn AquaSpec® Z842H1-XL.0001 (Z842H1-XL-AF-X0-PR1-11F-735)

Polished chrome plated cast brass 8" [203mm] pre-rinse faucet with quarter turn ceramic disc cartridges, 3/8 [10mm] short swivel inlets with check stops providing adjustable centers from 7-1/4" [184mm] to 8-3/4" [222mm] and 2-1/2" [64mm] vandal resistant color-coded metal lever handles. Unit is furnished with a single valve Adapta faucet with a 12" [305mm] tubular brass swing spout and single screen outlet, a 24" [610mm] riser with a 36" [914mm] stainless steel spring hose, a continuous pressure in-line vacuum breaker, a 1.24 GPM @ 60 psi (4.7 l/min. @ 400 kPa) self-closing pre-rinse hand held valve with an insulated handle, a stay open clip, a protective bumper spray head, a wall mounted pipe support and a hose hook.

Zurn Lead Compliant* "XL" products are a line of durable, high quality brass faucets and fixtures that are designed and manufactured to comply with state laws and local codes that mandate lead content levels. Zurn "XL" products are manufactured with *not more than 0.25% lead content when used with respect to wetted surfaces of pipes and pipe fittings, plumbing fitting and fixtures: California Health & Safety Code § 116875; Vermont 9 VCA § 2470h



Note: All dimensions are for reference only. Do not use for pre-plumbing.

ZURN INDUSTRIES, LLC. ♦ COMMERCIAL BRASS OPERATION ♦ 5900 ELWIN BUCHANAN DRIVE ♦ SANFORD NC 27330

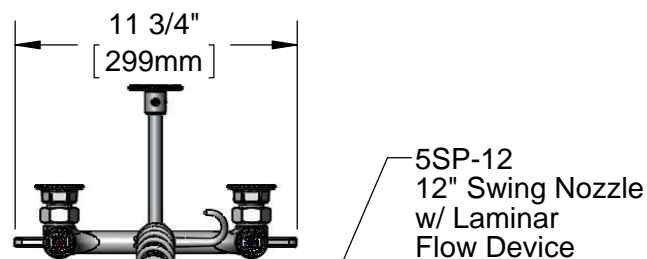
Phone: 1-800-997-3876 ♦ Fax: 919-775-3541 ♦ World Wide Web: www.zurn.com

In Canada: ZURN INDUSTRIES LIMITED ♦ 3544 Nashua Drive ♦ Mississauga, Ontario L4V1L2 ♦ Phone: 905-405-8272 Fax: 905-405-1292

AquaSpec® is a registered trademark of Zurn Industries, LLC.

Rev. -
Dwg. No. 313234

Date: 9/30/2014
Product No. Z842H1-XL.0001



This Space for Architect/Engineer Approval

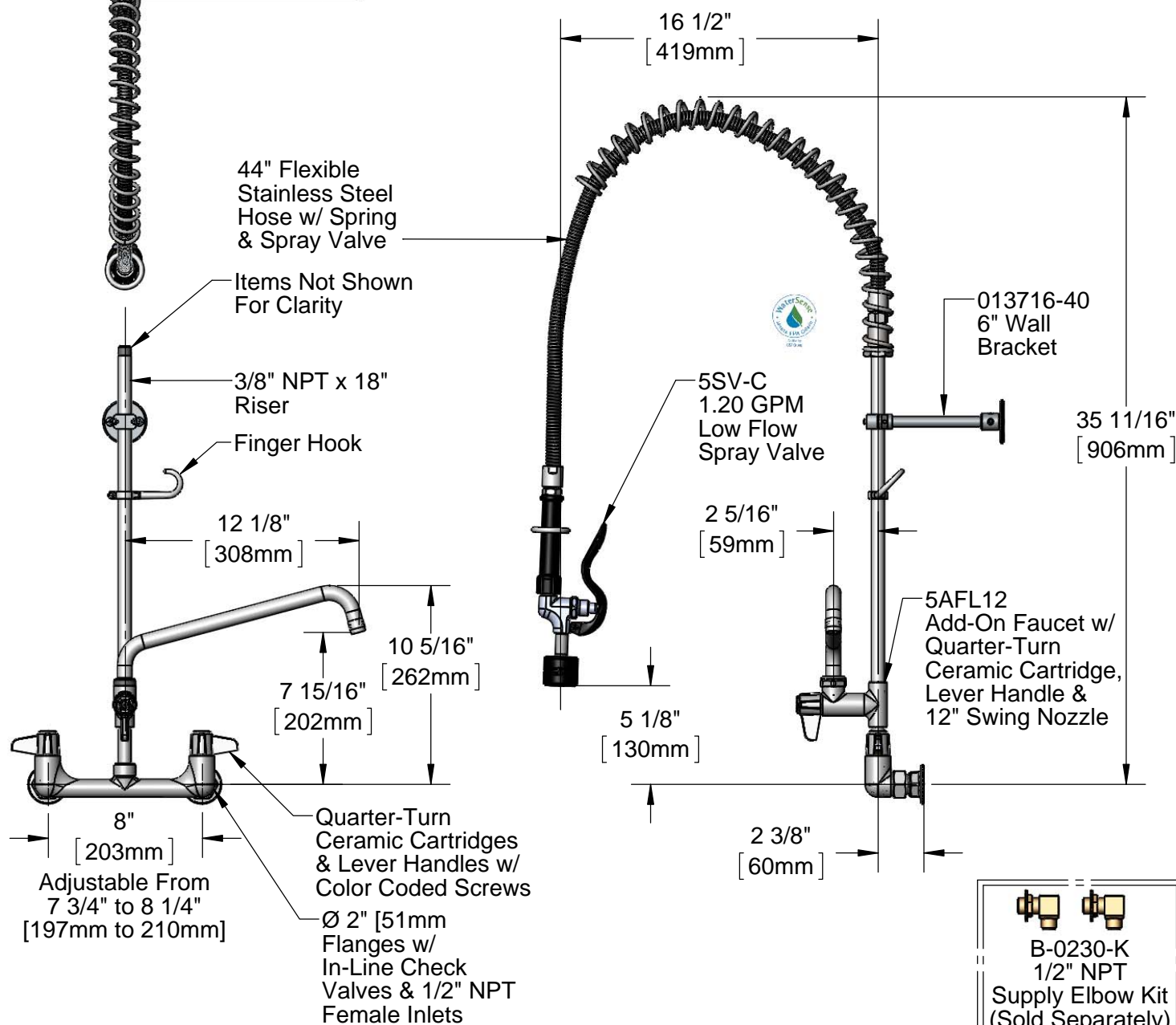
Job Name _____ Date _____

Model Specified _____ Quantity _____

Customer/Wholesaler _____

Contractor _____

Architect/Engineer _____



Model Number

5PR-8W12-C

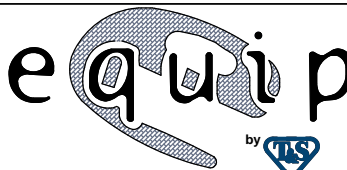
Product Compliance:

ASME A112.18.1 / CSA B125.1
NSF 61 - Section 9
NSF 372 (Low Lead Content)
EPA Act 2005 (PRSV)
EPA WaterSense (PRSV)

Product Specifications:

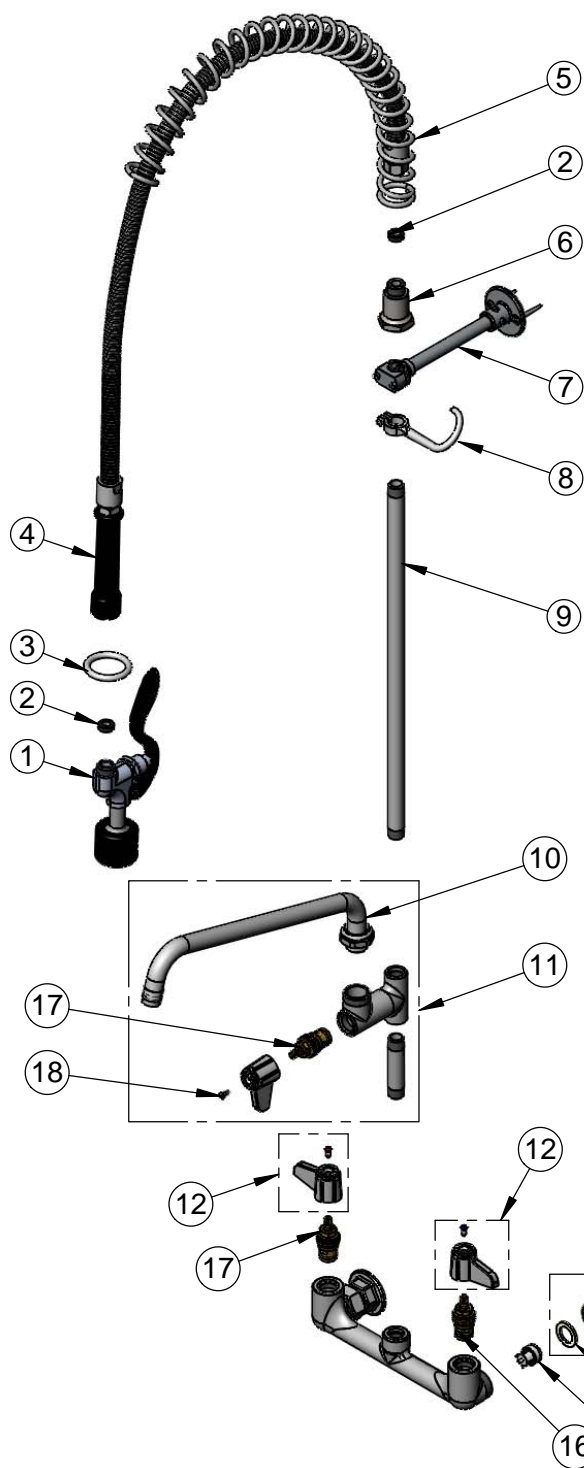
Pre-Rinse Unit: 8" Wall Mount Mixing Faucet, Quarter-Turn Ceramic Cartridges, Lever Handles, Add-On Faucet w/ 12" Swing Nozzle, 44" Flexible Stainless Steel Hose, 1.20 GPM Low Flow Spray Valve, 6" Wall Bracket, In-Line Check Valves & 1/2" NPT Female Inlets

equip
Foodservice
Accessories



2 Saddleback Cove, P.O. Box 1088
Travelers Rest, South Carolina 29690
Phone: 800.891.4808 Fax: 800.868.0084
equip.tsbrass.com

Drawn: JBC | Checked: JRM | Approved: JHB | Date: 02/15/16 | Scale: 1:8 | Sheet: 1 of 2



ITEM NO.	SALES NO.	DESCRIPTION
1	5SV-C	equip 1.20 GPM Low Flow Spray Valve
2	010476-45	#27 Washer
3	000907-45	Spray Valve Hold Down Ring
4	5HSE44	equip 44" Flexible Stainless Steel Hose
5	014068-45	Overhead Spring
6	000821-40	Spring Body
7	013716-40	equip 6" Wall Bracket
8	004R	Finger Hook
9	000369-40	3/8" NPT x 18" Riser
10	5SP-12	equip 12" Swing Nozzle
11	5AFL12	Add-On Faucet w/ 12" Swing Nozzle
12	5-HDL-L	equip Lever Handle w/ Color Coded Screws
13	00AA	1/2" NPT Female Eccentric Flange
14	001019-45	Coupling Nut Washer
15	013840-45	Check Valve (2)
16	013788-45	equip Quarter-Turn Ceramic Cartridge, LTC
17	013787-45	equip Quarter-Turn Ceramic Cartridge, RTC
18	013849-45	Handle Screw (10)

Model Number

5PR-8W12-C

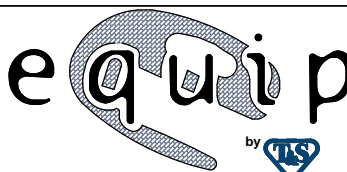
Product Compliance:

ASME A112.18.1 / CSA B125.1
 NSF 61 - Section 9
 NSF 372 (Low Lead Content)
 EPA Act 2005 (PRSV)
 EPA WaterSense (PRSV)

Product Specifications:

Pre-Rinse Unit: 8" Wall Mount Mixing Faucet, Quarter-Turn Ceramic Cartridges, Lever Handles, Add-On Faucet w/ 12" Swing Nozzle, 44" Flexible Stainless Steel Hose, 1.20 GPM Low Flow Spray Valve, 6" Wall Bracket, In-Line Check Valves & 1/2" NPT Female Inlets

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2 Saddleback Cove, P.O. Box 1088
 Travelers Rest, South Carolina 29690
 Phone: 800.891.4808 Fax: 800.868.0084
 equip.tsbrass.com

Drawn: JBC | Checked: JRM

Approved: JHB | Date: 02/15/16

Scale: NTS

Sheet: 2 of 2



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ITEM #: _____ QTY: _____
MODEL #: _____
PROJECT NAME: _____

090618

3601 S. Banker St. Effingham, IL 62401 • P.O. BOX 609 • Ph: (888) 431-2667 • Fax: (800) 433-2667

"1B-1D" "B-SERIES" SINKS



FEATURES:

- 16GA STAINLESS STEEL
- TYPE 300 STAINLESS STEEL WITH #4 POLISH, SATIN FINISH
- 14" DEEP BOWLS
- ALL CORNERS, BOTH VERTICAL AND HORIZONTAL, COVED AT 3/4" RADIUS
- BOTTOMS OF BOWLS FORMED FOR DRAINAGE TO 3-1/2" DIAMETER DIE STAMPED OPENING
- FULL LENGTH **10" HIGH BOXED BACKSPLASH**, WITH 2" RETURN TO WALL AT 45 DEGREE AND 1" TURNED DOWN REAR LIP
- 1" FAUCET HOLES IN BACKSPLASH
- ALL OUTSIDE CORNERS OF ASSEMBLY ARE BULLNOSED TO PROVIDE SAFE, CLEAN, AND POLISHED EDGE
- STANDARD STAINLESS STEEL LEGS 1-5/8" DIAMETER

CONSTRUCTION:

- TOP: STAINLESS STEEL SINKS ARE TIG WELDED, EXPOSED WELDS ARE POLISHED TO MATCH ADJACENT SURFACE
- BASE: STAINLESS STEEL FRAME IS MIG WELDED

MATERIAL:

- BOWLS & TOP: 16GA TYPE 300 STAINLESS STEEL WITH #4 POLISH, SATIN FINISH
- LEGS: 1-5/8" ROUND O.D. STAINLESS STEEL
- BRACING: 1-1/4" ROUND O.D. STAINLESS STEEL
- GUSSETS: STAINLESS STEEL
- FEET: 1" ADJUSTABLE STAINLESS STEEL BULLET FEET

STANDARD 16GA "1B-1D" SINK

MODEL	QTY
1B16204-1D18L	
1B16204-1D18R	
1B184-1D18L	
1B184-1D18R	
1B18244-1D18L	
1B18244-1D18R	
1B18244-1D24L	
1B18244-1D24R	
1B244-1D24L	
1B244-1D24R	

OPTIONAL ACCESSORIES

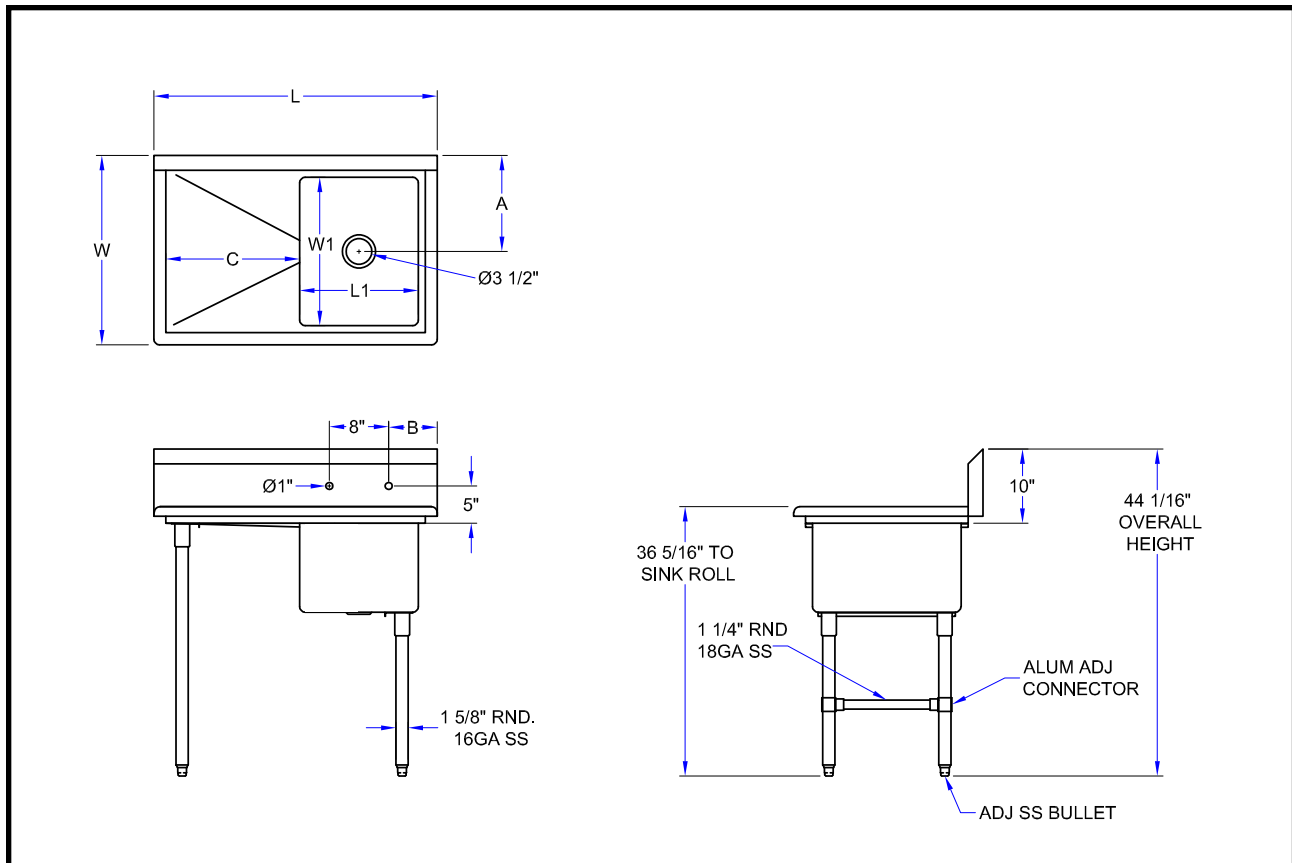
DESCRIPTION	QTY
FAUCETS	
ADD-A-FAUCETS	
PRE-RINSE UNITS	
LEVEL WASTE	
OVERSHELVES	
POT RACK	



1B18244-1D18L

SPECIFY LEFT SIDE OR RIGHT SIDE DRAIN BOARD

DETAILED SPECIFICATIONS



16GA - "1B-1D" "B-SERIES" SINK

14" DEEP	L	W	L1	W1	A	B	C
1B16204-1D18L	38-3/16"	25-1/2"	16"	20"	12-15/16"	6-9/16"	18"
1B16204-1D18R	38-3/16"	25-1/2"	16"	20"	12-15/16"	6-9/16"	18"
1B184-1D18L	40-3/16"	23-1/2"	18"	18"	11-15/16"	7-9/16"	18"
1B184-1D18R	40-3/16"	23-1/2"	18"	18"	11-15/16"	7-9/16"	18"
1B18244-1D18L	40-3/16"	29-1/2"	18"	24"	14-15/16"	7-9/16"	18"
1B18244-1D18R	40-3/16"	29-1/2"	18"	24"	14-15/16"	7-9/16"	18"
1B18244-1D24L	46-3/16"	29-1/2"	18"	24"	14-15/16"	7-9/16"	24"
1B18244-1D24R	46-3/16"	29-1/2"	18"	24"	14-15/16"	7-9/16"	24"
1B244-1D24L	52-3/16"	29-1/2"	24"	24"	14-15/16"	10-9/16"	24"
1B244-1D24R	52-3/16"	29-1/2"	24"	24"	14-15/16"	10-9/16"	24"

SOME UNITS SHIP UNASSEMBLED FOR REDUCED SHIPPING COST. ALL DIMENSIONS ARE TYPICAL. TOLERANCE +/- .500"

John Boos & Co. is constantly engaged in a program of improving products and therefore reserves the right to change specifications without prior notice.



Boos
lock

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SINK FAUCET

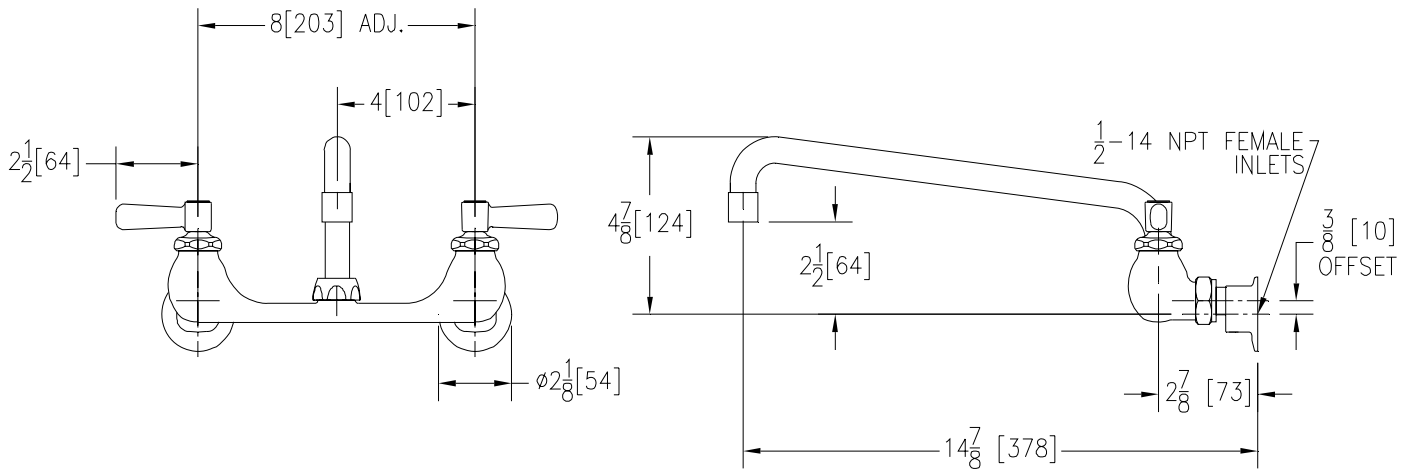
Z842H1-15F

TAG _____



Engineering Specifications: Zurn AquaSpec® Z842H1-15F

Polished chrome-plated cast brass 8" [203mm] sink faucet with quarter turn ceramic disc cartridges, 3/8" [10mm] short swivel inlets providing adjustable centers from 7-1/4" [184mm] to 8-3/4" [222mm] and a 12" [305mm] tubular brass swing spout with a full flow outlet. Unit is furnished with 2-1/2" [64mm] vandal-resistant color-coded metal lever handles.



Note: All dimensions are for reference only. Do not use for pre-plumbing

OPTIONAL ACCESSORIES

Suffix	Description
___ -HCT	Hot/Cold Text Indexes
___ -LSI	2-1/2" [64mm] Long Swivel Inlets with Integral Stops
___ -RC	Rough Chrome Plated
___ -1F	2.2 GPM [8.3 L] Pressure Compensating Female Aerator
___ -2F	2.2 GPM [8.3 L] Vandal-Resistant Pressure Compensating Female Aerator
___ -3F	0.5 GPM [1.9 L] Vandal-Resistant Pressure Compensating Female Aerator
___ -4F	2.2 GPM [8.3 L] Vandal-Resistant Pressure Compensating Female Laminar Flow
___ -7F	1.0 GPM [3.8 L] Pressure Compensating Female Spray Outlet
___ -11F	Female Threaded Single Screen Outlet
___ -16F	1.0 GPM [3.8 L] Vandal-Resistant Pressure Compensating Female Spray Outlet
___ -17F	1.5 GPM [5.7 L] Vandal-Resistant Pressure Compensating Female Aerator
___ -18F	1.5 GPM [5.7 L] Vandal-Resistant Female Pressure Compensating Laminar Flow

ZURN INDUSTRIES, INC. ♦ COMMERCIAL BRASS OPERATION ♦ 2640 SOUTH WORK STREET ♦ FALCONER NY 14733

Phone: 1-716-665-1132 ♦ Fax: 1-716-665-1135 ♦ World Wide Web: www.zurn.com

In Canada: ZURN INDUSTRIES LIMITED ♦ 3544 Nashua Drive ♦ Mississauga, Ontario L4V1L2 ♦ Phone: 905/405-8272 Fax: 905/405-1292



R1A-FS(L)

One Section Full Stainless Door Refrigerator




W x D x H
27.5" x 33.5" x 79.5"*
*with 4" casters



Dimensions / Capacity

Interior Storage Capacity (CF) (AHAM)	23.10 ft³
Overall Width x Depth	27.5" x 33.5"
Height (including 4" casters)	79.5"
Door Opening Width x Height	21.75" x 59.25"
Depth with Door Open at 90°	59.25"
Adjustable Shelves	3
Shelf Dimensions (W x D)	21.25" x 26"
Crated Shipping Weight	345 lbs
Crated Length x Depth x Height	37.5" x 31.5" x 81"

Electrical / Refrigeration

Voltage	115/60/1
HACR Breaker	15.0 Amps
Electrical Connection (NEMA)	5-15P 
Voltage Range	104-126
Ambient Temp. Range	45° to 100°F
Control Setpoint Range	31° to 52°F
Amperage	4.3
Energy Consumption (kWh/day) @ASHRAE	1.25
Heat Rejection (BTU/Hr.) @NSF	317
Approx. Nominal Compres. BTU/HR (HP)	770(1/4HP)
Refrigerant / Charge Amount (oz)	R290 / (4.6 oz)

Options

- ☐ Additional epoxy shelves ☐ Foot pedal door opener
☐ Stainless steel shelves ☐ Additional air filter
☐ Tray/Pan slides

Warranty

- * 3 Year - parts and Labor on
entire machine.
5 Year - Parts on Compressor
Valid in United States, Canada, Puerto
Rico and U.S. Territories. Contact
factory for warranty in other countries.

Features

- ▶ **Maximum interior storage capacity with smallest external footprint**
- ▶ **Stainless steel interior with stainless steel exterior front, sides and top**
- ▶ **Unique ducted air distribution system**
 - Energy efficient interior LED light
 - Environmentally friendly R290 hydrocarbon refrigerant
 - Solid state digital controller with temperature alarms and LED display (Fahrenheit or Celsius)
 - Cabinet and doors are insulated with 2-3/8" of CFC free, foamed in place polyurethane
 - Stainless steel exterior and interior door come standard with locks
 - Exclusive stepped door design to protect recessed door gasket
 - Spring assisted self-closing doors with stay open feature
 - Sturdy 8 gauge stainless steel hinge plate with welded hinge pin
 - Extruded aluminum flush mount door handle
 - Field reversible doors
 - Evaporator coils are epoxy electrocoated (E-Coat) to help fight corrosion
 - Energy efficient automatic hot gas condensate evaporator
 - Top mount refrigeration comes standard with a condenser filter
 - Refrigerant flow is controlled with thermostatic expansion valve
 - Stainless steel shelf supports
 - (3) epoxy coated wire shelves are standard
 - Standard with 4" casters (two with brakes)
 - Stackable (two units high) to conserve warehouse floor space
 - 10 ft. cord and plug

Hoshizaki reserves the right to change specifications without notice.



R1A-FS(L)

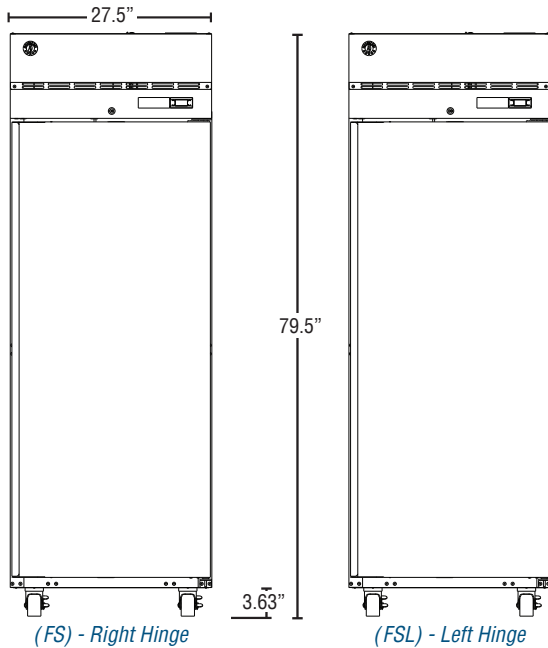
One Section Full Stainless Door Refrigerator

STEELHEART

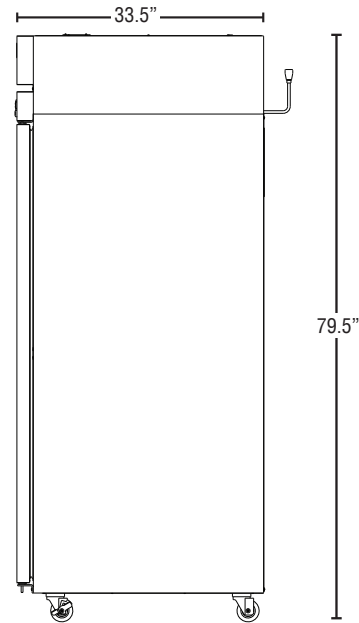


R1A-FS(L)
04/04/19
Item # 13512

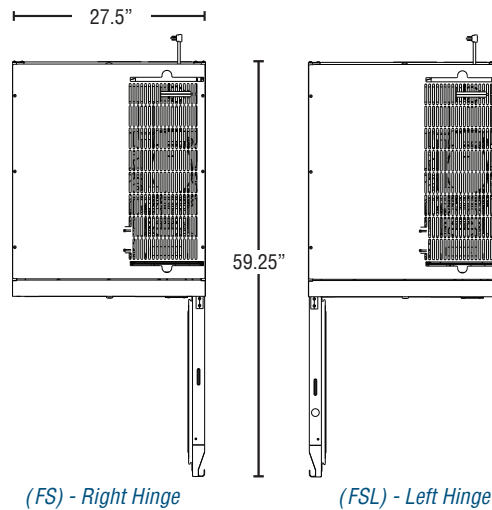
FRONT VIEW



SIDE VIEW



PLAN VIEW



Cabinet Construction

The exterior cabinet front, sides, and top are constructed of high quality stainless steel. The exterior back, and bottom are constructed of coated steel. The cabinet interior is constructed of stainless steel with a unique ducted air flow system. Three (3) heavy duty epoxy coated shelves per section are standard. Mounted on stainless steel pilasters shelves are adjustable in 1" increments. Cabinet walls and doors are insulated with 2-3/8" of environmentally friendly, CFC free, foamed in place polyurethane. An interior LED light is automatically activated when doors are opened. 4" polyolefin, casters (two with brakes) are standard.

Door Construction

Doors are constructed of a high grade stainless steel exterior and interior and are standard with locks. Hoshizaki's exclusive "stepped" design protects the recessed gasket while product is being removed from the cabinet. Doors are provided with a one piece, full length extruded aluminum flush mount handle and are mounted on eight (8) gauge stainless steel hinge plates with a welded hinge pin. Spring assisted self-closing doors are equipped with a stay open feature past 90 degrees. Snap-in magnetic door gaskets are easily removed for cleaning. Door hinging is field reversible.

Refrigeration System

The high efficiency refrigeration system is self-contained with an epoxy electrocoated (E-Coat) evaporator for extended life. Top mounted refrigeration system is easily accessible for service and includes a condenser filter with easy access from the top of the unit. The refrigeration system components are assembled on a high density expanded polypropylene platform that is removable from the main unit. A unique ducted air flow system achieves uniform air distribution within the cabinet to eliminate hot spots. Condensate removal is accomplished with a top mounted energy efficient non-electric evaporation system. A thermostatic expansion valve (TXV) controls the flow of environmentally friendly R290 refrigerant through the evaporator. Refrigeration system utilizes a time initiated off cycle defrost to eliminate any ice on the evaporator coil. Solid state digital controls monitor the operation and performance of the refrigeration system. The controls also provide visual high and low temperature and high and low voltage alarms. A LED display shows the cabinet temperature and is adjustable to Fahrenheit or Celsius. 115 volt units are equipped with a ten foot cord and plug (20.0 amps or less).



WALK-INS



- **Walk-in Coolers & Freezers**
- **Refrigerated Systems**
- **Refrigerated Warehouses**

Specified #1 in Cold Food Storage

Exactly What You Need

To Specify "A" Quality Walk-in Cooler/Freezer

Choose Kolpak modular walk-ins.

Full size or nominal size walk-in coolers, freezers, or dual-temp units can easily be assembled in any size from Kolpak's modular panels. To enlarge or relocate, disassembly is equally as easy. The modular concept makes Kolpak walk-ins, quick and simple to install. Precision formed panels with urethane insulation are lightweight and easy to handle. All sections have tongue and groove joints for a better, more secure fit. On the average, two men can assemble an 8' x 10' walk-in cooler or freezer in three hours.

General Specifications include:

■ Panel Sizes

Nominal size panels standard, full size panels on special request.

■ Urethane insulation throughout

4" thick urethane offers many advantages over conventional-type materials: more than twice the insulating value of fiberglass; strong and rigid, won't sag or mat; impervious to moisture; vermin proof and odor proof.

CONVERSION CHART

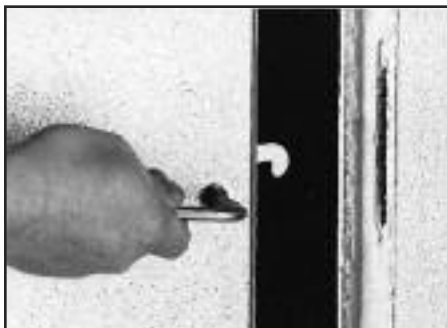
Nominal	Actual
4'-0"	3'-11"
5'-0"	4'-10 ¹ / ₂ "
6'-0"	5'-10"
7'-0"	6'-9 ¹ / ₂ "
8'-0"	7'-9"
9'-0"	8'-8 ¹ / ₂ "
10'-0"	9'-8"
11'-0"	10'-7 ¹ / ₂ "
12'-0"	11'-7"
13'-0"	12'-6 ¹ / ₂ "
14'-0"	13'-6"
15'-0"	14'-5 ¹ / ₂ "
16'-0"	15'-5"
17'-0"	16'-4 ¹ / ₂ "
18'-0"	17'-4"
19'-0"	18'-3 ¹ / ₂ "
20'-0"	19'-3"
21'-0"	20'-2 ¹ / ₂ "
22'-0"	21'-2"
23'-0"	22'-1 ¹ / ₂ "
24'-0"	23'-1"
25'-0"	24'-1 ¹ / ₂ "
26'-0"	25'-0"
27'-0"	25'-11 ¹ / ₂ "
28'-0"	26'-11"
29'-0"	27'-10 ¹ / ₂ "
30'-0"	28'-10"

Because of its superior insulating properties, urethane insulation significantly reduces operating costs. R-values and K-factors (thermal conductivity) of Kolpak panels are as follows:

	4-inch	5-inch	6-inch
R Value	29	36	43
K Factor	.138	.138	.138

■ Posi-loc assembly

Permanently foamed-in-place for fast perfect alignment of sections. Access holes are covered by snap-on plug buttons for a neater appearance and greater sanitation.



■ Gasketed tongue and groove

Tongue sides of all panels are provided with double PVC gaskets foamed-in-place to eliminate costly, time-consuming caulking between panels, and to assure a tight secure fit. Gaskets won't pull out or "snake" during assembly, no butt joints are used.



■ Fully coved "T" panels

A complete break in metal continuity eliminates frost conduction between compartments. No need for extra breaker strips and heater wires which can increase operation costs.

■ Coved corners

Floor edges are 3/8" radius coved for easier cleaning, and greater sanitation. No dirt-catching seams or sharp angled corners!

■ Door Jambs

Door jambs and door plug perimeter fabricated using patented FRP (Fiberglass reinforced plastic). Dramatically reduces thermal conductivity on all doors up to 42" wide.

■ Choice of finishes

Standard metal finish for wall skins is 26 gauge stucco embossed galvanized steel for maximum value.

Other available wall finishes are:

- 26 gauge embossed galvalume
- Galvanized pre-painted white, beige, or brown
- .032 embossed aluminum or pre-painted white
- 22 gauge or 20 gauge stainless steel

Kolpak strives to fulfill all your walk-in needs; requests for finishes not listed here are not a problem.

Standard floor metal finish is .100 smooth aluminum. Other available floor finishes are .100 aluminum treadplate, 16 gauge stainless steel, or 16 gauge galvanized steel (for tile and grout applications). Floorless options using metal or vinyl screeds are also available.

Code approvals and industry standards

Kolpak meets them, resulting in lower insurance rates and no construction delays. Here are just a few:

- National Sanitation Foundation
- Underwriter's Laboratories
- Factory Mutual
- 2009 Federal Energy Standards

Flame spread 25 rating

Classified according to ASTM-E-84 (UL 723), flame spread rating of 25 or less and certified with UL label.

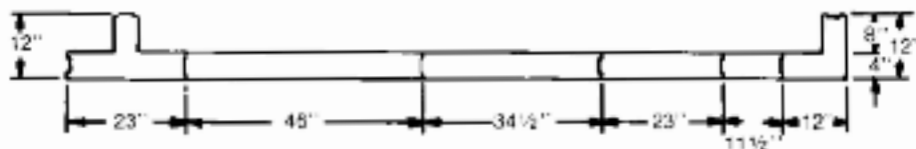


ISO 9001:2000
Quality System
Certified

Size and Capacity

Nominal Size (NS) Walk-ins

ACTUAL FLOOR SIZE	O.D FLOOR AREA SQ. FT.	7'-6" HEIGHT GROSS CU. FT. CAPACITY	8'-6" HEIGHT GROSS CU. FT. CAPACITY	ACTUAL FLOOR SIZE	O.D. FLOOR AREA SQ. FT.	7'-6" HEIGHT GROSS CU. FT. CAPACITY	8'-6" HEIGHT INTERIOR CU. FT. CAPACITY
3'11" x 5'10"	23	114	130	9'8" x 21'2"	205	1261	1445
5'10" x 5'10"	34	182	209	10'7 1/2" x 10'7 1/2"	107	678	777
5'10" x 7'9"	45	250	287	10'7 1/2" x 12'6 1/2"	130	808	927
5'10" x 9'8"	56	318	364	10'7 1/2" x 14'5 1/2"	154	938	1076
5'10" x 11'7"	68	385	442	10'7 1/2" x 16'4 1/2"	174	1069	1226
5'10" x 13'6"	79	453	520	10'7 1/2" x 18'3 1/2"	195	1199	1375
5'10" x 15'5"	91	531	609	10'7 1/2" x 20'2 1/2"	216	1330	1525
6'9 1/2" x 7'9"	53	296	340	10'7 1/2" x 22'1 1/2"	235	1460	1674
6'9 1/2" x 9'8"	67	377	432	10'7 1/2" x 24'1 1/2"	266	1655	1824
6'9 1/2" x 11'7"	79	457	524	11'7 1/2" x 12'6 1/2"	145	886	1016
6'9 1/2" x 13'6"	92	528	616	11'7" x 12'6 1/2"	168	1029	1179
6'9 1/2" x 15'5"	105	621	708	11'7" x 14'5 1/2"	190	1172	1343
6'9 1/2" x 17'4"	117	714	800	11'7" x 18'3 1/2"	212	1315	1507
7'9" x 8'8 1/2"	67	390	448	11'7" x 20'2 1/2"	234	1458	1671
7'9" x 10'7 1/2"	83	482	553	11'7" x 22'1 1/2"	256	1600	1835
7'9" x 12'6 1/2"	97	575	660	11'7" x 24'1 1/2"	278	1742	1999
7'9" x 14'5 1/2"	113	668	765	12'6 1/2" x 14'5 1/2"	182	1119	1283
7'9" x 16'4 1/2"	127	761	872	12'6 1/2" x 16'4 1/2"	206	1275	1461
7'9" x 18'3 1/2"	142	853	978	12'6 1/2" x 18'3 1/2"	230	1430	1639
7'9" x 20'2 1/2"	156	946	1084	12'6 1/2" x 20'2 1/2"	254	1586	1818
7'9" x 22'1 1/2"	172	1039	1191	12'6 1/2" x 22'1 1/2"	278	1741	1996
8'8 1/2" x 8'8 1/2"	76	442	508	12'6 1/2" x 24'1 1/2"	302	1897	2174
8'8 1/2" x 10'7 1/2"	93	548	627	12'6 1/2" x 25'11 1/2"	328	2052	2353
8'8 1/2" x 12'6 1/2"	110	653	748	13'6" x 16'4 1/2"	221	1378	1579
8'8 1/2" x 14'5 1/2"	126	757	868	13'6" x 18'3 1/2"	247	1546	1772
8'8 1/2" x 16'4 1/2"	143	863	990	13'6" x 20'2 1/2"	274	1714	1964
9'8" x 9'8"	93	554	635	13'6" x 22'1 1/2"	297	1882	2157
9'8" x 11'7"	112	671	770	13'6" x 24'1 1/2"	324	2050	2350
9'8" x 13'6"	131	789	905	13'6" x 25'11 1/2"	351	2218	2543
9'8" x 15'5"	149	907	1040	13'6" x 27'10 1/2"	376	2386	2735
9'8" x 17'4"	160	1025	1175	13'6" x 28'10"	390	2470	2832
9'8" x 19'3"	186	1143	1310				



Architectural Specifications Nominal Size Walk-ins

1. General

Walk-in coolers or freezers provided under this portion of the specifications shall be prefabricated, of modular design and construction. They shall be designed to allow convenient and accurate field assembly and future enlargement by the addition of panels.

2. Panel fabrication

Standard wall, ceiling, and floor panels shall be nominal 2' and 4' in width and shall be interchangeable with like panels. Standard heights of walk-ins shall be _____. Corner panels shall be 90° angles with actual 12" exterior horizontal measurements. Nominal 1' and 3' panels shall be used if required to meet jobsite conditions.

Available heights with floor or 4" vinyl screeds: 7'6" 8'6", 9'6", 10'6", 11'6", 12'6".

Available heights without floor, with 1 1/2" vinyl screeds: 7'4", 8'4", 9'4", 10'4", 11'4", 12'4".

Panels shall consist of foamed-in-place urethane insulation (see paragraph 4),

sandwiched between interior and exterior metal "skin" (see paragraph 5) which has been die-formed and gauged for uniformity in size.

Edges of panels shall be foamed-in-place tongue and groove with locking facilities foamed-in-place at time of fabrication (see paragraph 6).

3. Floor construction (select one)

a. Floor Panels: Panels shall be fabricated similar to other panels, designed to readily withstand uniformly distributed loads of 700 lbs. per square foot. Floor (will; will not) be recessed. Floor (will; will not) be covered by the tile and grout, or concrete wearing floor.

b. Floorless: Provide 1 1/2" high or 4" high Temp-Guard vinyl screeds. Screeds must be coved on both sides and sit flat on the floor. Screeds shall be nailed or lag screwed to floor through center. No exposed fasteners shall be allowed. Wall panels lock to screeds on 2'0" centers.

4. Insulation

Each panel shall be filled with rigid "Foamed-In-Place" urethane having a thermal conductivity (K factor) of 0.138 BTU/hr./ft² per degrees Fahrenheit/inch and an overall coefficient of heat transfer (U factor) of not more than 0.034. "R" factor shall be 29 or greater. Insulation shall have a 97% closed cell structure. Overall thickness shall be 4". Fire hazard classification according to ASTM E-84 (UL 723) is a flame spread rating of 25* of less and certified with UL label. Factory Mutual approved and listed. NOTE: 5" and 6" thick panels available.

5. Metal finishes

Panel skins, standard models, standard and optional metal finishes are as follows: (Specify one or a combination of the following.)

*This rating is not intended to reflect hazards presented by this or any other material under actual fire conditions.

COMPONENT	SIZE
Corners	12" x 12" 12" x 6 1/4"
Tee Walls	23" x 12"
Walls	11 1/2" 23" 34 1/2" 46"
Door Section With 34" Door	46" 57 1/2" 69"

Architectural Specifications Continued

26 GA Embossed Galvanized (Standard)
26 GA Embossed Galvanized Pre-painted White
26 GA Embossed Galvanized Pre-painted Beige
26 GA Embossed Galvanized Pre-painted Brown
.032 Embossed Aluminum (Standard)
.032 Embossed Aluminum Pre-painted White
22 GA Stainless Steel – 430 Rolled On
20 GA Stainless Steel – 430 Rolled On
OTHER: Available upon request

b. Exterior floor and ceiling shall be 26 gauge galvanized steel on all walk-ins, unless otherwise called for.

c. Interior floor shall be one of the following:

1. .100" smooth aluminum
2. 16 gauge stainless steel.
3. .100 tread plate aluminum
4. 16 gauge Galvanized steel (tile and grout applications)

6. Panel locking assemblies

Assembly of walk-in shall be accomplished by Posi-locs. Posi-locs shall be foamed-in-place and activated by a hex wrench provided by the manufacturer. Access ports to locking devices shall be covered by snap caps. Access ports shall be on interior to allow assembly of walk-in from the inside.

7. Section gaskets

N.S.F. listed gaskets shall be foamed-in-place to the male side of all panels, on both interior and exterior. Gaskets shall be impervious to stains, greases, oils mildew, etc.

8. Entrance door and door panel

Each walk-in shall be fitted with one standard 34" x 78" swing-type entrance door. The door shall be flush type, finished in and out to match the wall in which located. Doors and door section shall be listed by Underwriters Laboratories and equipped with the following:

a. Door shall be equipped with magnetic gasket, Posi-Steel door closure and latch. Hardware has provisions for locking and a safety release which prevents entrapment of personnel within the box.

b. Door shall be self-closing with two strap-type, cam-lift hinges.

c. Door jamb shall be made of Fiberglass Reinforced Plastic. An isolated, low wattage heater strip covered by magnetically attracting stainless steel shall be fitted onto this jamb as standard on freezer doors and sold as an option on coolers. This strip shall provide perfect sealing of magnetic gasket and prevent frost and condensation build-up.

d. Each entrance door section shall be provided with an incandescent type vapor-proof light, pilot light switch and conduit between switch box and outlet box.

Concealed wiring shall be standard on each entrance door section.

e. A threshold with non-skid striping shall be provided with each door section. Heater wire shall continue beneath the threshold (freezer).

f. A digital thermometer shall be included with each door section to indicate inside temperature.

9. Partitions

Fabrication and finish of partition walls shall be the same as the walk-in walls and shall lock into wall, ceiling, and/or floor panels, with Posi-loc assemblies (paragraph 6). Tongue and groove foam fabrication shall provide the thermal break between cooler and freezer compartments. Wall "T" panels shall be 23" x 12" symmetrical tee. Heater wires not required.

10. N.S.F.

Walk-ins shall be fabricated to comply with National Sanitation Foundation No. 7. The N.S.F. label shall be affixed to the interior door pan. All interior corners, including floor shall be coved.

11. Air vent

A Tri-Action air vent shall be provided to equalize pressure between the interior and exterior, caused by sudden temperature changes due to door openings and evaporator defrosting. The vent shall be heated to prevent moisture and/or frost accumulation. (Required for freezers.)

12. Installation instructions

A complete set of installation instructions shall be included with the walk-in. These instructions shall cover the erection and assembly of the walk-in, and the installation of refrigeration systems. A floor plan print shall be included.

13. Refrigeration Equipment

Condensing units shall be fully hermetic or semi-hermetic type. Refrigerant shall be R-22 or R-404A unless otherwise specified. Condenser shall be air-cooled or optional water-cooled. Condensing units shall be factory assembled and U.L. or E.T.L. listed. Evaporators shall be forced air type. Air discharge shall be parallel to the walk-in ceiling. Fan motors, guards multi-fin and tube-type coil, shall be housed in heavy gauge aluminum. Unit shall have drain pan with suitable drain pipe fitting. Freezer evaporators shall have automatic electric defrost system including heaters, time clock, fan delay control, and heated drain pan. Defrost shall be time initiated and temperature terminated with built-in fail-safe control. All evaporators shall be U.L. listed. All systems include pump down cycle to provide additional protection against unwanted refrigerant flow.

These basic components shall be supplied by Kolpak as one of the following systems:

- "CS" Self-Contained Top Mounted
- "SS" Self-Contained Side Mounted
- "PCL" Pre-Charged Lines
- "PR" Pre-assembled Remote

See Page 6 for details on above systems.

Refrigeration accessories

Low Ambient Kit —

For air-cooled condensing units installed outdoors (to - 20°F) where sub-zero ambient temperatures prevail for sustained periods — include crankcase heater, head pressure control, and rainproof housing.

For below - 20°F ambient temperatures consult factory.

Drain lines —

Installing contractor shall provide suitable drain lines from all evaporators. Drains shall be trapped outside the walk-in. Freezer drains shall be copper tubing and shall be heated and insulated to prevent freeze-up. All plumbing to be in accordance with local codes. Drain lines available from Kolpak in 6', 12' or 18' lengths.

Condensate evaporator —

Required if jobsite does not have a floor drain near the walk-in. An electric condensate evaporator shall be provided for wall mounting on exterior of the walk-in. 115-60-1 AC continuous service voltage required.

Insulated evaporator —

Top-mounted coil system can be used to provide more usable storage space. Coil is positioned above interior of ceiling.

Generalized statement of warranty

Panel limited warranty (10 years).

Kolpak Refrigeration, Inc. warrants to the original purchaser the foamed-in-place panels manufactured and sold by it, to be free from defects in material and workmanship under normal use and service for a period of ten years from the date of original installation by an authorized representative, but not to exceed ten years and six months from date of original shipment. Painted surfaces shall be warranted eighteen months from date of shipment. All hardware and electrical components (except lights and refrigeration system, covered separately) are warranted against defects in workmanship under normal use and service for a period of one year from date of installation, but not to exceed fifteen months from date of original shipment.

More Features

That Make Kolpak The Word In Walk-ins

Outdoor Roof cap

Easy-to-install membrane roof cap provides an excellent moisture-tight seal, keeping water off exterior installations. Reflects sunlight to lock the cold in, heat out. Covered by a 10 year limited warranty. (Optional feature for outdoor walk-ins).

- Condensation-free door
- Patented air vent standard with freezer
- Camlift, gravity, self-closing door (flush mounted)
- Magnetic door gasket
- Inside safety release
- Convenience handle
- Vapor-proof interior light
- External digital thermometer
- New powder coated handle & hinges
- Exterior and interior ramps (optional)

Tri-action Heated Air Vent

Kolpak's heated air vent permits opening and closing the walk-in door with fingertip ease, eliminating vacuum pressure. It is standard with all freezer compartments.

Newly Designed Door

The new ergonomically designed handle and hinges are powder coated and user friendly. The door comes with a standard third hinge and the door caps help minimize damage.

The Digital Thermometer (Standard)

The digital thermometer is used to monitor the interior temperature of the Kolpak walk-in cooler or freezer. It is equipped with a remotely wired sensor to provide accurate temperature readings from -40 degrees F to +199 degrees F with large, easy-to-read numerals.

Easy-to-read Dial Thermometer (Optional)

Kolpak's dial thermometer has large-easy-to-read numbers for accurate temperature readings at a glance. Optional alarms, with audible and visible warnings, alert user when walk-in temperatures are too warm or too cold.

Kolpak Walk-ins Feature Super Door Construction

Kolpak's "super door" is expressly designed to cut operating costs and save energy. It delivers super performance through innovative features and materials. Smooth, cam-action hinges...flush fit...airtight Posi-seal design...and more. Much more for the money. This great door sets new standards for excellence and value.

Interior Safety Release

Prevents entrapment when walk-in is accidentally locked from outside. A quick quarter turn releases handle or locking bar.

Vapor-proof Interior Light

Shatter-proof incandescent light mounted on interior side adjacent to opening. Prewired to exterior switch.

Durable FRP Threshold

New FRP threshold is stronger and more durable than conventional stainless steel. There's no warping, bending or distortion that can cause expensive air leaks. Save energy.

Kolpak Airshield Optional

Also available as an option, is the new Kolpak Airshield which reduces air infiltration whenever the door is open.

Built-in Interior Ramp (optional)

Designed for wheel-in traffic. Located in the threshold entrance aisle. Eliminates the space taken by an outside ramp with no reduction in storage area. Heated threshold prevents frost build-up.

Floor Construction

Recommended insulation thickness

For built-in floor applications (floorless with concrete or tile and grout), Kolpak recommends two layers of 1" thick urethane sheets be used for medium-temperature walk-ins (35°F or above). For low-temp units (below 35°F), we suggest two layers of 2" thick urethane sheets. Joints must be staggered for maximum efficiency.

Maximum floor load

Stationary floor loads up to 700 lbs. per square foot uniformly distributed can be stored on Kolpak standard floor sections. If mobile equipment such as dollies and carts are used, the floor must be reinforced with aluminum diamond-tread plate. A minimum of 4" reinforced concrete must be poured over floor sections when fork-lift trucks are used.

Floorless vinyl screeds

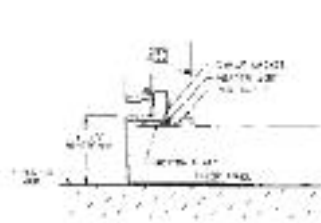
If the user wants a tile or cement floor, or if stationary floor load exceeds 700 lbs. per square foot, a floorless walk-in is installed using Kolpak's exclusive PVC screeds. This type of installation also eliminates the need for interior or exterior ramps.

"Temp-guard" vinyl screeds

Durable 1½" and 4" vinyl screeds form the best base for wall sections. Unique design of the 1½" screed creates a "thermopane" insulation effect, while the 4" is filled with foamed in place urethane for insulation to help keep temperature constant throughout the walk-in. Screeds are coved on two sides for easier cleaning, greater sanitation.

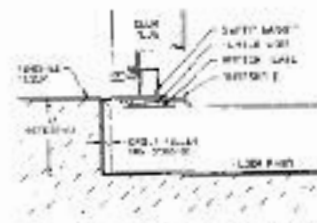
"Posi-loc" assemblies in the wall panels join with the clip in the screed to form a strong, tight seal.

Standard Floor

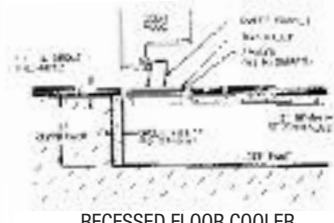


STANDARD WITH FLOOR

Recessed Floor



RECESSED FLOOR



RECESSED FLOOR COOLER
WITH TILE AND GROUT

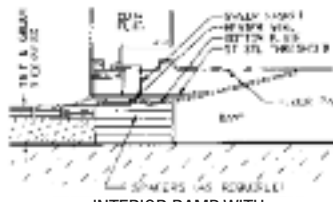


RECESSED FLOOR FREEZER
WITH TILE AND GROUT

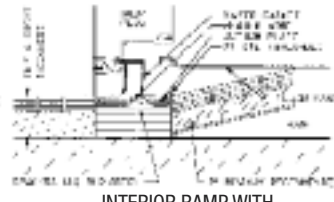
Ramps



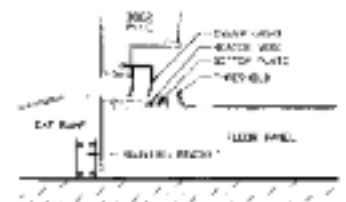
INTERIOR RAMP



INTERIOR RAMP WITH
TILE AND GROUT EXTERIOR

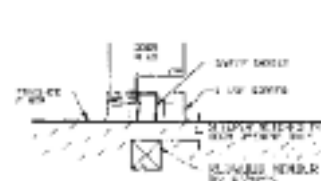


INTERIOR RAMP WITH
TILE AND GROUT
EXTERIOR AND INTERIOR

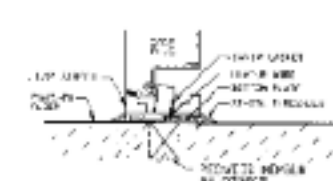


EXTERIOR RAMP

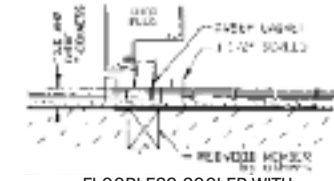
Vinyl Screeds



FLOORLESS COOLER WITH
1 1/2" VINYL SCREED



FLOORLESS FREEZER WITH
1 1/2" VINYL SCREED



FLOORLESS COOLER WITH
1 1/2" VINYL SCREED
TILE AND GROUT

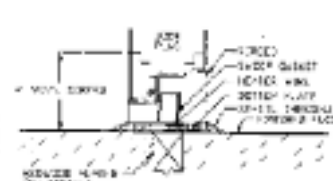


FLOORLESS FREEZER WITH
1 1/2" VINYL SCREED
TILE AND GROUT

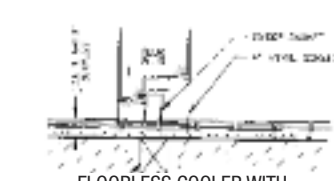
Foam Screeds



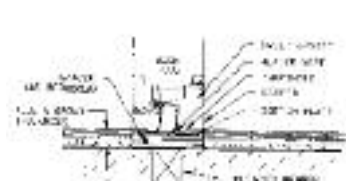
FLOORLESS COOLER WITH
4" VINYL FOAM SCREED



FLOORLESS FREEZERS WITH
4" VINYL FOAM SCREED



FLOORLESS COOLER WITH
4" VINYL FOAM SCREED
TILE AND GROUT



FLOORLESS FREEZER WITH
4" VINYL FOAM SCREED
TILE AND GROUT

Refrigeration

Medium Temperature Hermetic R-22

HP	CAPACITY BTU/HR +35°F TEMP.	EVAP. CFM	TOTAL SYSTEM AMPS		
			115-60-1	208/230-60-1	208/230-60-3
1/2	5,080	855	13.2	9.2	—
3/4	7,175	825	17.3	9.3	—
1	9,545	1,640	—	13.9	11.9
1-1/2	11,840	1,710	—	16.4	15.1
2	16,115	2,565	—	21.7	17.0
3	23,840	3,420	—	33.4	25.2
*4	35,750	5,130	—	34.0	21.2
*5	41,645	4,950	—	37.6	24.7

Evaporator Voltage 115-60-1

Low Temperature Hermetic R-404A

HP	CAPACITY BTU/HR 0°F BOX TEMP.	CAPACITY BTU/HR -10°F BOX TEMP.	EVAP. CFM	TOTAL SYSTEM AMPS	
				208/230-60-1	208/230-60-3
3/4	3,925	—	840	13.3	—
1	4,675	3,560	840	16.6	12.6
1-1/2	7,465	6,070	1570	21.4	16.0
2	9,325	7,750	1680	26.5	18.1
2-1/2	11,195	9,155	1680	28.0	19.6

Evaporator Voltage 208/230-60-1

Medium Temperature Semi-hermetic R-22

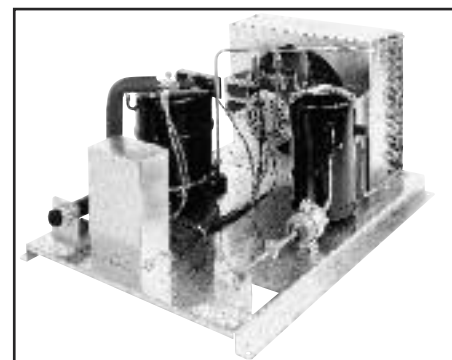
HP	CAPACITY BTU/HR +35°F TEMP.	EVAP. CFM	TOTAL SYSTEM AMPS		
			115-60-1	208/230-60-1	208/230-60-3
1/2	4,525	855	11.7	6.5	5.0
3/4	7,000	825	15.0	8.7	6.7
1	9,540	1,640	—	12.9	9.9
1-1/2	11,100	1,710	—	15.8	11.7
2	15,435	2,565	—	18.9	15.1
3	26,835	4,275	—	**31.9	26.6
*5	44,200	4,950	—	**38.7	23.6

Evaporator Voltage 115-60-1 *High side amps only. **Transformer mounted and wired for 208 volt operation

Low Temperature Semi-hermetic R-404A

HP	CAPACITY BTU/HR 0°F BOX TEMP.	CAPACITY BTU/HR -10°F BOX TEMP.	EVAP. CFM	TOTAL SYSTEM AMPS	
				208/230-60-1	208/230-60-3
3/4	4,545	3,805	840	11.7	8.8
1	5,500	4,560	820	12.5	10.2
1-1/2	8,140	6,695	1570	19.8	16.5
2	11,270	9,450	1680	25.2	17.9
3	18,670	14,950	3360	**38.5	34.6
*3	24,310	19,920	4200	**30.2	21.2
*4	28,670	24,080	5040		30.7
*6	34,990	29,080	6720		33.2

Evaporator Voltage 208/230-60-1 *High side amps only. **Transformer mounted and wired for 208 volt operation



“CS” Model

Top mounted, self-contained, factory assembled requiring only electrical connections and drain line by jobsite contractors. System shall have quick disconnect lines for easy, economical jobsite installation.

“SS” Model

Side mounted, self-contained, factory assembled requiring only electrical connection and drain line by jobsite contractors. All components are factory mounted on a frame for mounting over walk-in wall.

“PCL” Model

Consists of condensing unit assembly, evaporator assembly, and pre-charged refrigerant lines for remote location of condensing unit. Lines are quick disconnect type and are available in lengths up to 40'.

“PR” Model

Pre-assembled remote system is designed to reduce field labor. It requires tubing, refrigerant charge and electrical hook-up by refrigeration and electrical contractors.



High quality, innovative solutions that fulfill all your “cold-side” needs.

Manitowoc Foodservice is comprised of eight brand names.

For beverage products – Servend, Multiplex, and McCann's;

for ice products – Manitowoc Ice;

and for refrigeration products – Kolpak, McCall, Harford, and Koolaire.

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We are committed to protecting the environment and its resources. For up-to-date product data always view an electronic version on our web site.

3149D ©2009 Kolpak 3/09 Continuing product improvement may necessitate change of specifications without notice.



KOLPAK
2915 Tennessee Avenue North
Parsons, TN 38363, USA
Ph: 800-826-7036 • Fax: 731-847-5387
Visit us online at www.kolpak.com

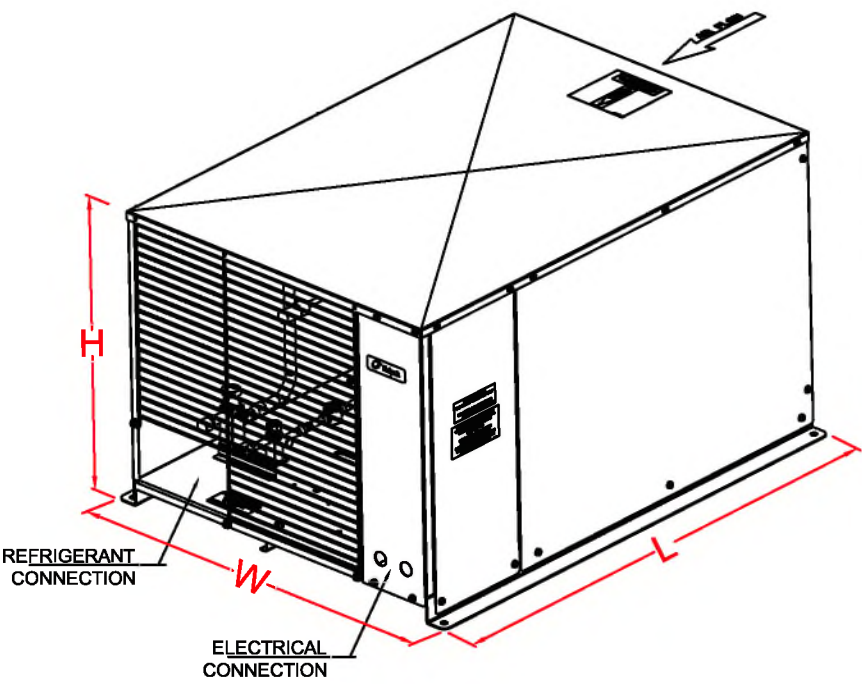




KOLPAK®

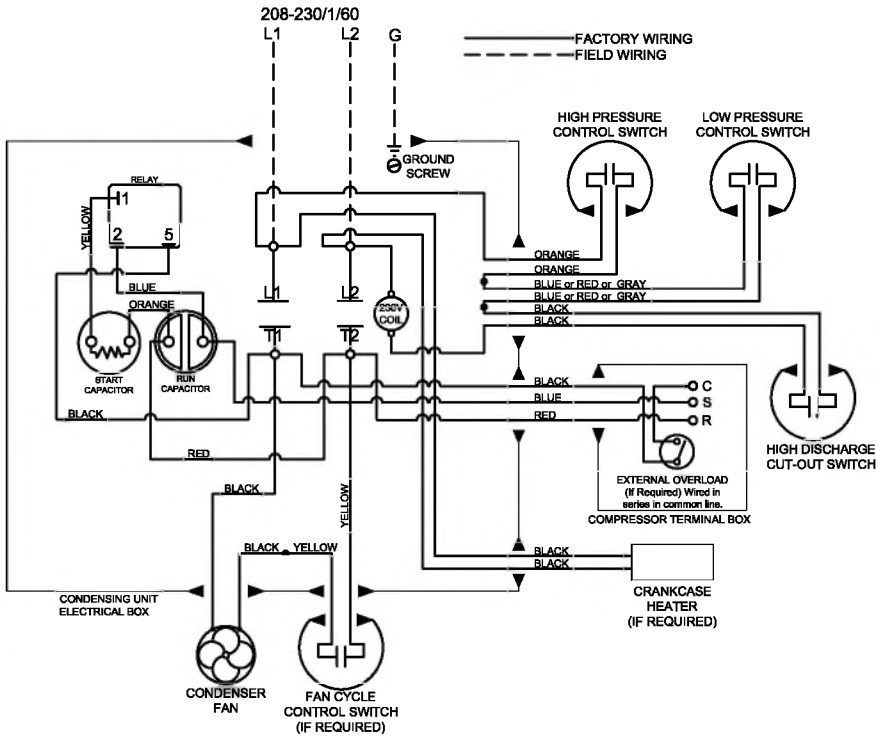
A Welbilt Brand

2915 Tennessee Avenue North, Parsons, TN 38363
(731) 847-6361*(800) 826-7036*



CONDENSING UNIT ASSY

CONNECT INCOMING POWER LEADS FROM DISCONNECT SWITCH TO L1, AND L2, CONSISTANT WITH NAMEPLATE VOLTAGE AND FREQUENCY. USE COPPER CONDUCTORS ONLY.



WIRING DIAGRAM 208-230/1/60

PC198LZOP-2EP AIR COOLED CONDENSING UNIT

GENERAL INFORMATION

Refrigerant	Voltage	Phase	Hz	Compressor Type	Compressor Model	HP	Total Heat Rejected-BTUH	Cond Unit BTUH
R448A	208-230	1	60	Scroll	ZF06K4E	2.0	16,450	6,050 @ -20°F SST

PHYSICAL DIMENSIONS & WEIGHT DATA

GPM (85° Ent Water Temp)	Pressure Drop (psig)	Max. Water Press (psig)	Length (L)	Width (W)	Height (H)	Ship Weight
N/A	N/A	N/A	33.0"	25.5"	19.25"	169

CONDENSING UNIT ELECTRICAL DATA

Compressor RLA	Compressor LRA	Cond Fan Mtr FLA	Total Cond Unit Amps	MCA	MOPD (Max Fuse)
13.6	61.0	1.2	15.1	18.5	30

CONNECTION SIZES

Suction Line	Liquid Line		Water Inlet	Water Outlet
7/8" OD	3/8" OD		N/A	N/A

ITEMS SERVED

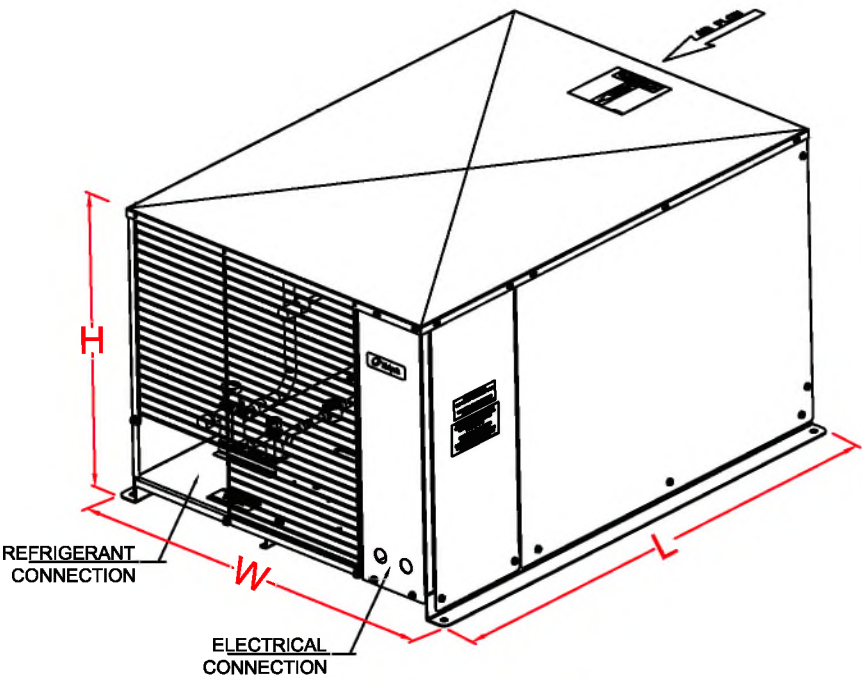
Item Number(s)	Description



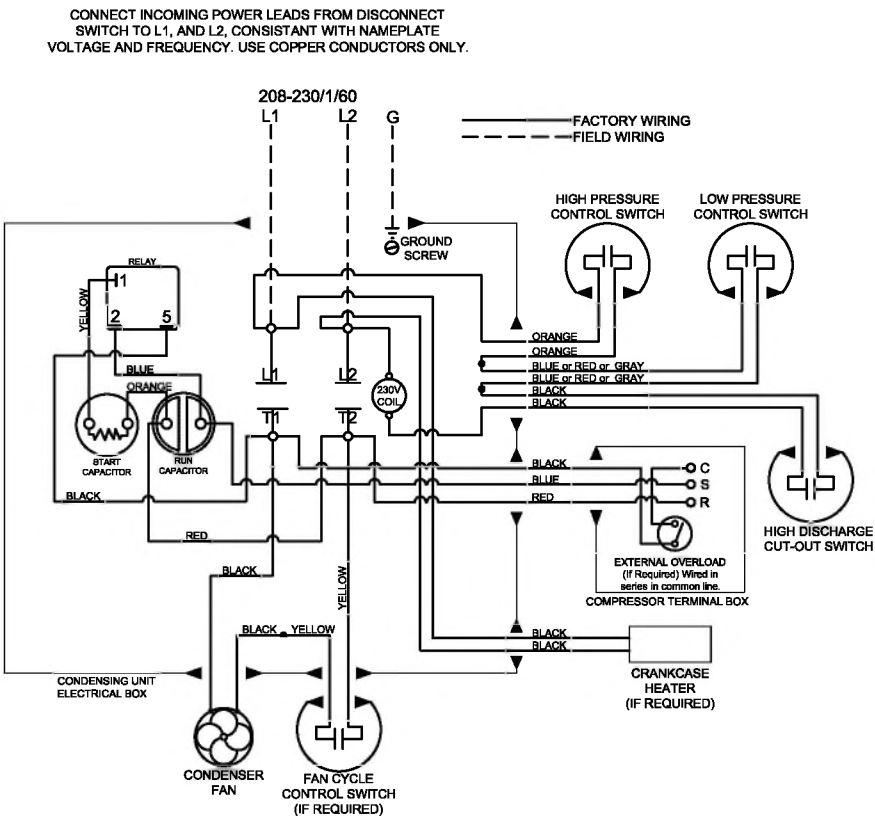
KOLPAK®

A Welbilt Brand

2915 Tennessee Avenue North, Parsons, TN 38363
(731) 847-6361*(800) 826-7036*



CONDENSING UNIT ASSY



PC69MZOP-2EP AIR COOLED CONDENSING UNIT

GENERAL INFORMATION

Refrigerant	Voltage	Phase	Hz	Compressor Type	Compressor Model	HP	Total Heat Rejected-BTUH	Cond Unit BTUH
R448A	208-230	1	60	Scroll	ZB07KAE	3/4	12,694	8,323 @ 25°F SST

PHYSICAL DIMENSIONS & WEIGHT DATA

GPM (85° Ent Water Temp)	Pressure Drop (psig)	Max. Water Press (psig)	Length (L)	Width (W)	Height (H)	Ship Weight
N/A	N/A	N/A	33.0"	25.5"	19.25"	169

CONDENSING UNIT ELECTRICAL DATA

Compressor RLA	Compressor LRA	Cond Fan Mtr FLA	Total Cond Unit Amps	MCA	MOPD (Max Fuse)
15.6	75.0	1.8	17.6	21.5	35

CONNECTION SIZES

Suction Line	Liquid Line		Water Inlet	Water Outlet
5/8" OD	3/8" OD		N/A	N/A

ITEMS SERVED

Item Number(s)	Description



Wire Shelving - #100

1-800-245-6682 | FAX: 1-516-625-0084 | E-mail: nexelinfo@nexelwire.com | www.nexelwire.com

Item No. _____

Job No. _____

1. **GENERAL:** Shelving produced by Nexel Industries. Certified by National Sanitation Foundation (NSF).
2. **MATERIALS:** Shelves consist of bright basic carbon steel wire. Post are made of cold rolled carbon steel tubing, electric welded.
3. **FINISHES:** Shelves and posts are available in seven finishes:
 - (A) **SILVER EP SERIES:** Silver epoxy powder coat electrostatically applied over a rust inhibiting undercoat.
 - (B) **BLACK EP SERIES:** Black epoxy powder coat electrostatically applied over a rust inhibiting undercoat.
 - (C) **POLY-Z-BRITE:** features a true clear powder-epoxy over zinc-chromate electro-plating that ensures a strong durable finish and handles temperature and moisture extremes well. Fifteen year limited warranty against rust and corrosion. Ideal for dry storage, coolers and freezers. Includes **NEXGard**, an anti-microbial agent that protects the epoxy coating from bacteria, mold and mildew that causes stains, odors and product degradation.
 - (D) **POLY-GREEN:** features a true green powder-epoxy over zinc-chromate electro-plating that ensures a strong durable finish and handles temperature and moisture extremes well. Fifteen year limited warranty against rust and corrosion. Ideal for dry storage, coolers and freezers. Includes **NEXGard**, an anti-microbial agent that protects the epoxy coating from bacteria, mold and mildew that causes stains, odors and product degradation.
 - (E) **CHROME:** Brite, high gloss chrome over nickel electro plating.
 - (F) **NEXELON:** Blue metallic epoxy powder coat electrostatically applied over zinc-chromate electro plating and chemical conversion under coat protected by Nexgard, an antimicrobial agent that protects the epoxy coating from bacteria, mold and mildew that causes stains, odors and degradation.
 - (G) **STAINLESS STEEL:** Type 304 electropolished high gloss finish.

4. **SHELVES:** Constructed of open wire design offering greater light penetration and visibility, lighter weight, air circulation and minimal dust and dirt accumulation.

FABRICATION SHALL BE TO THE FOLLOWING SPECIFICATIONS: Face ribs run front to back equally spaced on 13/16" centers and to be of 9 gauge (0.148 in.) wire. Each side of shelf (four) consist of a corrugated, reinforcing truss of 6 gauge (0.192 in.) wire. At the front and back of the shelf, this corrugated reinforcing truss is welded at its top to the face ribs which also are welded to a 1/4" (0.250 in.) rib wire running perpendicular and above the face ribs. A 1/4" (0.250 in.) rib is welded to the bottom of the truss. At the ends of the shelf, the corrugated reinforcing truss is welded to two parallel 1/4" (0.250 in.) wire ribs. Depending on the width and length of the shelf, there are three or five longitudinal ribs (0.192 in. wire) welded to the face ribs. In addition, certain longer lengths have one or two corrugated reinforcing trusses (0.192 in.) welded to the underside. At each corner of the shelf there are tapered, conical fitting made of 12 gauge (0.104 in.) cold rolled steel welded to the parallel rib supports. The fitting are designed to accommodate the vertical supports. The corrugated truss are shaped like the letter N.

5. **POSTS:** 1 in. O.D. round tubing, 16 gauge (0.062 in.) thickness. Rolled grooves spaced at 1 in. on centers along their length. The top of the post have a finished plastic cap and the post bottom have a die cast insert with adjustable leveling foot. At each rolled groove there are consecutive numbers starting at the bottom of the post to facilitate installation of clips.
6. **METHOD OF ASSEMBLY:** The Frustal-Conical design incorporates a two part tapered plastic sleeve. Engagement and locking are accomplished with a protruding bead on the inner circumference of the plastic sleeve that matches the groove on the post. Two plastic sleeves attach to each corner post for each shelf. Both the sleeves and the corner fitting of the shelves have the identical taper to create a wedge effect, locking the shelf securely in a rigid position. No screws or other fittings are required for assembly. Shelves vertically adjust on 1 in. increments.
7. **PACKING:** Shelves are packed 4 to a carton, except 54 in., 60 in. and 72 in. lengths, which are packed 2 to a carton. Plastic sleeves are included in each carton. Posts are packed 4 to a carton.
8. **FREIGHT CLASSIFICATION:** Shelving, Steel, NOIBN, KD, flat, rating: 70.
9. **NEXEL WIRE SHELVING MEETS U.S. GOVERNMENT SPECIFICATIONS MIL-S-40144C AND HAS BEEN APPROVED BY NATIONAL SANITATION FOUNDATION (NSF).**



FINISH WARRANTY

SILVER EP SERIES: Limited seven years against rust and corrosion in wet or dry applications. Silver Epoxy Powder Coat.

BLACK EP SERIES: Limited seven years against rust and corrosion in wet or dry applications. Black Epoxy Powder Coat.

***POLY-Z-BRITE:** Limited fifteen years against rust and corrosion in wet or dry applications. Features a true Clear Powder - Epoxy over Zinc-Chromate plating. Includes

***POLY-GREEN:** Limited fifteen years against rust and corrosion in wet or dry applications. Features a true Green Powder - Epoxy over Zinc-Chromate plating.

***NEXELON:** Limited lifetime against rust and corrosion in wet or dry applications. Deep Blue Metallic Epoxy Finish.

CHROME: Limited one year in dry storage application. Perfect for displays and dry storage.

STAINLESS STEEL: Limited lifetime warranty against rust and corrosion in wet or dry applications.

*Includes **NEXGard**.



11 Harbor Park Drive
Port Washington, NY 11050 U.S.A



Wire Shelving - #100

1-800-245-6682 | FAX: 1-516-625-0084 | E-mail: nexelinfo@nexelwire.com | www.nexelwire.com

Item No. _____

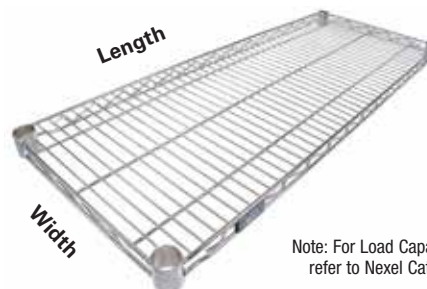
Job No. _____



Simply snap pieces together and slide shelf over clips for positive locking.



Shelves adjust on 1" increments. Numbered posts for quick assembly.



Note: For Load Capacities - refer to Nexel Catalog.

W" x L"	SILVER EP SERIES Model No.	BLACK EP SERIES Model No.	*POLY-Z-BRITE Model No.	*POLY- GREEN Model No.	*NEXELON Model No.	CHROME Model No.	STAINLESS STEEL Model No.	Weight Lbs.
12 x 36	---	---	---	S1236G	---	S1236C	---	7.0
12 x 48	---	---	---	S1248G	---	S1248C	---	9.0
12 x 60	---	---	---	S1260G	---	S1260C	---	11.0
12 x 72	---	---	---	S1272G	---	S1272C	---	13.0
14 x 24	S1424EP	S1424B	S1424Z	S1424G	S1424N	S1424C	---	6.0
14 x 30	S1430EP	S1430B	S1430Z	S1430G	S1430N	S1430C	---	7.0
14 x 36	S1436EP	S1436B	S1436Z	S1436G	S1436N	S1436C	---	8.5
14 x 42	S1442EP	S1442B	S1442Z	S1442G	S1442N	S1442C	---	9.5
14 x 48	S1448EP	S1448B	S1448Z	S1448G	S1448N	S1448C	---	11.0
14 x 54	S1454EP	S1454B	S1454Z	S1454G	S1454N	S1454C	---	13.5
14 x 60	S1460EP	S1460B	S1460Z	S1460G	S1460N	S1460C	---	15.5
14 x 72	S1472EP	S1472B	S1472Z	S1472G	S1472N	S1472C	---	18.0
18 x 24	S1824EP	S1824B	S1824Z	S1824G	S1824N	S1824C	---	7.0
18 x 30	S1830EP	S1830B	S1830Z	S1830G	S1830N	S1830C	---	8.5
18 x 36	S1836EP	S1836B	S1836Z	S1836G	S1836N	S1836C	S1836S	10.0
18 x 42	S1842EP	S1842B	S1842Z	S1842G	S1842N	S1842C	---	11.0
18 x 48	S1848EP	S1848B	S1848Z	S1848G	S1848N	S1848C	S1848S	13.5
18 x 54	S1854EP	S1854B	S1854Z	S1854G	S1854N	S1854C	S1854S	16.0
18 x 60	S1860EP	S1860B	S1860Z	S1860G	S1860N	S1860C	S1860S	18.5
18 x 72	S1872EP	S1872B	S1872Z	S1872G	S1872N	S1872C	S1872S	20.5
21 x 24	S2124EP	S2124B	S2124Z	S2124G	S2124N	S2124C	---	8.0
21 x 30	S2130EP	S2130B	S2130Z	S2130G	S2130N	S2130C	---	9.5
21 x 36	S2136EP	S2136B	S2136Z	S2136G	S2136N	S2136C	---	11.0
21 x 42	S2142EP	S2142B	S2142Z	S2142G	S2142N	S2142C	---	13.0
21 x 48	S2148EP	S2148B	S2148Z	S2148G	S2148N	S2148C	---	13.5
21 x 54	S2154EP	S2154B	S2154Z	S2154G	S2154N	S2154C	---	18.5
21 x 60	S2160EP	S2160B	S2160Z	S2160G	S2160N	S2160C	---	20.0
21 x 72	S2172EP	S2172B	S2172Z	S2172G	S2172N	S2172C	---	23.5
24 x 24	S2424EP	S2424B	S2424Z	S2424G	S2424N	S2424C	---	9.0
24 x 30	S2430EP	S2430B	S2430Z	S2430G	S2430N	S2430C	---	10.0
24 x 36	S2436EP	S2436B	S2436Z	S2436G	S2436N	S2436C	S2436S	13.0
24 x 42	S2442EP	S2442B	S2442Z	S2442G	S2442N	S2442C	---	15.0
24 x 48	S2448EP	S2448B	S2448Z	S2448G	S2448N	S2448C	S2448S	17.0
24 x 54	S2454EP	S2454B	S2454Z	S2454G	S2454N	S2454C	---	20.0
24 x 60	S2460EP	S2460B	S2460Z	S2460G	S2460N	S2460C	S2460S	22.0
24 x 72	S2472EP	S2472B	S2472Z	S2472G	S2472N	S2472C	S2472S	26.5
30 x 36	S3036EP	---	---	---	---	S3036C	---	20.5
30 x 48	S3048EP	---	---	---	---	S3048C	---	24.0
30 x 60	S3060EP	---	---	---	---	S3060C	---	29.0
30 x 72	S3072EP	---	---	---	---	S3072C	---	33.0
36 x 36	S3636EP	---	---	---	---	S3636C	---	22.0
36 x 48	S3648EP	---	---	---	---	S3648C	---	25.0
36 x 60	S3660EP	---	---	---	---	S3660C	---	32.0
36 x 72	S3672EP	---	---	---	---	S3672C	---	37.0

* Includes NEXGard

POST

Rugged 1" dia." steel post is grooved and numbered at 1" increments for easy adjustability. Includes floor leveler and plastic post cap. For easy installation, 63", 74", 86" and 96" posts are now available with a built in leveler in all finishes and can be ordered by adding X to the model.

Height"	SILVER EP SERIES Model No.	BLACK EP SERIES Model No.	*POLY-Z-BRITE Model No.	*POLY- GREEN Model No.	*NEXELON Model No.	CHROME Model No.	STAINLESS STEEL Model No.	Weight Lbs.
6	P6EP	P6B	P6Z	P6G	P6N	P6C	---	0.5
14	P14EP	P14B	P14Z	P14G	P14N	P14C	---	1.0
34	P34EP	P34B	P34Z	P34G	P34N	P34C	---	2.0
42	---	---	---	---	---	P42C	---	3.0
48	---	P48B	---	---	---	---	---	3.0
54	P54EP	P54B	P54Z	P54G	P54N	P54C	---	3.5
63	P63EP	P63B	P63Z	P63G	P63N	P63C	P63S	3.8
66	---	---	P66Z	---	---	P66C	---	3.8
68	P68EP	P68B	P68Z	P68G	P68N	P68C	P68S	4.0
74	P74EP	P74B	P74Z	P74G	P74N	P74C	P74S	5.0
80	P80EP	P80B	P80Z	P80G	P80N	P80C	P80S	5.0
86	P86EP	P86B	P86Z	P86G	P86N	P86C	P86S	6.0
96	---	---	---	---	---	P96C	---	---



S HOOK

Use 2 for each add-on shelf.
Model **AS** - Chrome
Model **ASG** - Green
Model **ASB** - Black

WIRE SHELVING

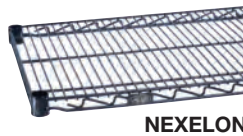
Standard Wire Shelf

Unique design offers high volume, easy access storage in a variety of finishes to suit your needs. Open wire truss reinforced shelves feature front to back welded surface ribs for added strength. Increases light penetration, free air circulation and merchandise visibility. Minimizes moisture and dust accumulation. Easily adjustable and expandable to change with your needs. Shelves adjust on 1" increments.

AVAILABLE IN A VARIETY OF SIZES... INCLUDES SHELF CLIPS



SILVER EP SERIES



NEXELON



CHROME



POLY-Z-BRITE



BLACK EP SERIES



POLY-GREEN



STAINLESS STEEL



* Protected by NEXGard

W" x L"	SILVER EP SERIES	BLACK EP SERIES	*POLY-Z-BRITE	*POLY-GREEN	*NEXELON	CHROME	STAINLESS STEEL	
	Model	Model	Model	Model	Model	Model	Model	Lbs.
14 x 24	S1424EP	—	S1424Z	—	S1424N	S1424C	S1424S	6.0
14 x 30	S1430EP	S1430B	S1430Z	—	S1430N	S1430C	S1430S	7.0
14 x 36	S1436EP	—	S1436Z	—	S1436N	S1436C	S1436S	8.0
14 x 42	S1442EP	—	S1442Z	—	S1442N	S1442C	S1442S	9.5
14 x 48	S1448EP	S1448B	S1448Z	—	S1448N	S1448C	S1448S	10.5
14 x 54	S1454EP	—	S1454Z	—	S1454N	S1454C	S1454S	12.0
14 x 60	S1460EP	—	S1460Z	—	S1460N	S1460C	S1460S	14.0
14 x 72	S1472EP	—	S1472Z	—	S1472N	S1472C	S1472S	17.0
18 x 24	S1824EP	S1824B	S1824Z	S1824G	S1824N	S1824C	S1824S	7.0
18 x 30	S1830EP	S1830B	S1830Z	S1830G	S1830N	S1830C	S1830S	8.0
18 x 36	S1836EP	S1836B	S1836Z	S1836G	S1836N	S1836C	S1836S	9.5
18 x 42	S1842EP	S1842B	S1842Z	S1842G	S1842N	S1842C	S1842S	11.0
18 x 48	S1848EP	S1848B	S1848Z	S1848G	S1848N	S1848C	S1848S	12.0
18 x 54	S1854EP	S1854B	S1854Z	S1854G	S1854N	S1854C	S1854S	14.5
18 x 60	S1860EP	S1860B	S1860Z	S1860G	S1860N	S1860C	S1860S	17.0
18 x 72	S1872EP	S1872B	S1872Z	S1872G	S1872N	S1872C	S1872S	20.0
21 x 24	S2124EP	—	S2124Z	—	S2124N	S2124C	S2124S	8.0
21 x 30	S2130EP	—	S2130Z	—	S2130N	S2130C	S2130S	9.0
21 x 36	S2136EP	—	S2136Z	—	S2136N	S2136C	S2136S	11.0
21 x 42	S2142EP	—	S2142Z	—	S2142N	S2142C	S2142S	12.0
21 x 48	S2148EP	—	S2148Z	—	S2148N	S2148C	S2148S	14.0
21 x 54	S2154EP	—	S2154Z	—	S2154N	S2154C	S2154S	16.0
21 x 60	S2160EP	—	S2160Z	—	S2160N	S2160C	S2160S	18.0
21 x 72	S2172EP	—	S2172Z	—	S2172N	S2172C	S2172S	24.0
24 x 24	S2424EP	S2424B	S2424Z	S2424G	S2424N	S2424C	S2424S	9.0
24 x 30	S2430EP	S2430B	S2430Z	S2430G	S2430N	S2430C	S2430S	11.0
24 x 36	S2436EP	S2436B	S2436Z	S2436G	S2436N	S2436C	S2436S	13.0
24 x 42	S2442EP	S2442B	S2442Z	S2442G	S2442N	S2442C	S2442S	15.0
24 x 48	S2448EP	S2448B	S2448Z	S2448G	S2448N	S2448C	S2448S	19.0
24 x 54	S2454EP	S2454B	S2454Z	S2454G	S2454N	S2454C	S2454S	19.0
24 x 60	S2460EP	S2460B	S2460Z	S2460G	S2460N	S2460C	S2460S	21.0
24 x 72	S2472EP	S2472B	S2472Z	S2472G	S2472N	S2472C	S2472S	26.0
30 x 36	S3036EP	—	—	—	—	S3036C	—	16.0
30 x 48	S3048EP	—	—	—	—	S3048C	—	20.0
30 x 60	S3060EP	—	—	—	—	S3060C	—	24.0
30 x 72	S3072EP	—	—	—	—	S3072C	—	28.0
36 x 36	S3636EP	—	—	—	—	S3636C	—	17.5
36 x 48	S3648EP	—	—	—	—	S3648C	—	22.0
36 x 60	S3660EP	—	—	—	—	S3660C	—	26.5
36 x 72	S3672EP	—	—	—	—	S3672C	—	31.0

Shelves packed four per carton, except 54", 60", 72" long and all extra wide shelves, which are packed two per carton.

All SPECIAL ORDERS subject to 60 piece minimum per size, order quantity and 12 week lead time.

Post

No tools required. Rugged 1" diameter steel post is grooved and numbered. Shelves adjust on 1" increments. Shelf clips snap on post, allowing shelf collar to slide over for a secure fit. Includes floor leveler and plastic post cap.

Size	SILVER EP SERIES	BLACK EP SERIES	*POLY-Z-BRITE	*POLY-GREEN	*NEXELON	CHROME	STAINLESS STEEL	
	Model	Model	Model	Model	Model	Model No.	Model	Lbs.
6	—	—	P6Z	—	P6N	P6C	—	0.5
14	—	P14B	P14Z	—	P14N	P14C	—	1.0
34	P34EP	P34B	P34Z	—	P34N	P34C	—	2.0
42	—	—	—	—	—	P42C	—	3.0
54	P54EP	—	P54Z	—	P54N	P54C	—	3.0
63	P63EP	P63B	P63Z	P63G	P63N	P63C	P63S	3.5
66	—	—	P66Z	—	—	P66C	—	3.8
68	P68EP	P68B	P68Z	P68G	P68N	P68C	P68S	3.8
74	P74EP	P74B	P74Z	P74G	P74N	P74C	P74S	4.0
80	P80EP	P80B	P80Z	P80G	P80N	P80C	P80S	5.0
86	P86EP	P86B	P86Z	P86G	P86N	P86C	P86S	5.0
96	—	—	—	—	—	P96C	—	6.0

Posts are packed four per carton.





BIZERBA

■ ... closer to your business

Bizerba GSP series slicers are now certified to the new NSF ANSI 8 2010 standard.

Safety is our top-priority ...

... GSP HD series – automatic safety slicer ...

Bizerba is the first manufacturer to achieve this world-class standard!

GSP HD

- **Energy Savings – average of 50% savings over competitors' models**
- Widest product carriage for increased capacity
- One piece anodized aluminum construction
- Fast and easy to clean, fewer seams, large radii
- Improved sealing against water and debris
- Largest and easiest to use remnant holder in the industry
- Unique design allows for the smallest end pieces, increased product yield
- The ability to adjust both the speed and the stroke of the carriage "on-the-fly" will speed up your operation
- The ergonomic design of the Bizerba GSP HD series sets the standard for safety, yield, hygiene, durability, and lowest overall cost of ownership
- Safety features: Shut off in slice thickness knob, adjustable blade shut off and start at zero (safe-only)
- Improved liquid and debris diversion from all control surfaces
- Largest thumb guard for maximum protection
- Zero blade exposure during the cleaning process
- Remote sharpener is dishwasher safe for improved safety and hygiene
- One piece carriage with seamless thumb guard for highest hygiene standards
- Servo assist function reduces operator fatigue during manual mode
- Top quality gravity feed slicer with low-profile carriage for heavy product



Best blade in the industry

The unique design of our blade produces clean and consistent slices. The hardness results in a long lasting sharp edge. The life of the blade is dramatically longer than the competition. Our standard blade is the hardest, thinnest, largest, straightest blade in the industry.

- 13" diameter, chromium coated hard alloy
- 60-62 Rockwell hardness at the edge

Project Name _____
 Models _____
 Number _____
 Quantity _____

BIZERBA

... closer to your business

1-phase AC current

- 120 V, specialised Gdte available on request
- 60 Hz
- Frequency of nominal current 2.6 A
- Power consumption 0.240 kW

Blade diameter

- 1.2" (30.48 mm)

Blade speed

- 250 rpm

Max. produce size

- Round: 7.95" (202 mm)
- height: 4.96" (126 mm)
- width: 11.42" (290 mm)

Strokes per minute

- full: 30-40-50
- mid: 35-48-58
- short: 60-68-75

Slice thickness

- 0-0.94" (0-24 mm), infinitely variable

Installation area

- H x W: 23.94" x 17.48" (606 x 444 mm)

External dimensions (carriage inclined at 25°)

- L x W x H: 28.5" x 22.48" x 24.67" (724 x 571 x 627 mm)

Operating area

- L x W: 31.73" x 35.39" (806 x 899 mm)

Protection type

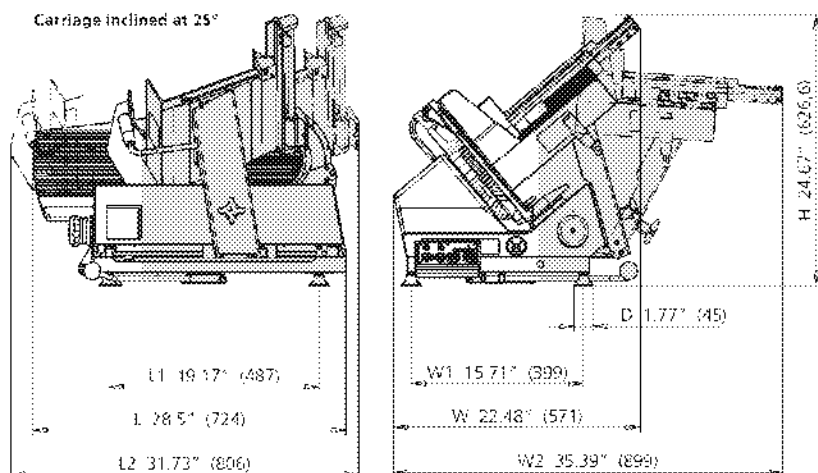
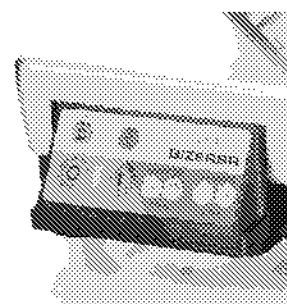
- IP 33

Weight of machine

- 122 lbs, 55 kg

Additional equipment

- Vegetable chute
- Product fences
- PW scale: 120 W/60 Hz, 540 W



Warranty

The GSP H-D safety Slicer carries a one-year, on-site parts and labor warranty against any flaws in materials and workmanship. This period begins with the date of purchase and, provided the unit is used properly in accordance with our instructions, is in full effect for one year from that date. Any work to be performed under this warranty must be performed between the hours of 8:00 a.m. and 4:30 p.m. local time, Monday to Friday. Bizerba will not pay overtime charges for work performed other than during normal business hours. Accessories have a 30-day replacement or repair warranty for the period beginning on the date of purchase. Damages incurred in transit or from installation error, accident, alteration or misuse are not covered. Transit damages should be reported to the carrier immediately. Bizerba shall not be liable for any consequential, compensatory, incidental or special damages. All warranty work must be performed by a factory authorized Bizerba Representative.

Members of the Bizerba Group

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 México
 Tel: +52 55 5663-1397
 Fax: +52 55 5663-1296
 contacto@bizerba.com.mx
 www.bizerba.com.mx

FOLDED TOWEL

- Available in a variety of sizes for compact or high capacity applications
- Designed to dispense any brand or quality of C-Fold or Multifold towels one-at-a-time, reducing waste
- Designed to eliminate overstuffing
- Impact resistant plastic for durability



T1770BKSS

Summit™ Ultrafold™ Multifold/C-Fold Towel **NEW**

- New Summit design coordinates with Summit family
- Designed to eliminate overstuffing

ITEM	COLOR	CAPACITY	DIMENSIONS
T1770*	BKSS, SS, WHCL, CUSTOM	500 Multifold /300 C-Fold	14"H x 11" W x 6"D (356 x 279 x 152 mm)

Construction: Impact resistant plastic



T1755TBK

Ultrafold™ Fusion™ Multifold/C-Fold Towel

- 50% smaller carton to save on warehouse and transportation costs
- Simple, 6 piece assembly

ITEM	COLOR	CAPACITY	DIMENSIONS
T1755*	TBL, TBK	400 Multifold /240 C-Fold	11½"H x 11½" W x 6"D (292 x 292 x 152 mm)

Construction: Impact resistant plastic



T1750TBL

T1759TBK

Ultrafold™ Multifold/C-Fold Towel

- Compact
- Saves money with less towel waste

ITEM	COLOR	CAPACITY	DIMENSIONS
CLASSIC STYLE			
T1750*	TBL, TBK, WH	400 Multifold / 240 C-Fold	11½" H x 11½" W x 6"D (292 x 292 x 152 mm)
OCEANS® STYLE			
T1759*	TBL, TBK	400 Multifold / 240 C-Fold	11½" H x 11½" W x 6"D (292 x 292 x 152 mm)

Construction: Impact resistant plastic





Click to expand

ITEM #29 - UPDATE INTERNATIONAL - SD-32 - 32 OZ SOAP DISPENSER

32 OZ SOAP DISPENSER FEATURES

- 32 oz soap dispenser
- 9 in (H) x 5 1/2 in (W) x 3 3/4 in (Depth)
- Wall mount
- Push button operation
- **Capacity:** 32 oz
- **Placement:** Wall Mount
- **Material:** Plastic
- **Dispense Type:** Push Button

Miller 18" Stainless Steel SpeedWrap Dispenser MD18



SKU #	6034180
Product Dimensions	18" (45.72cm)
Ounce Capacity	n/a
Case Pack	1
Case Weight	8.06 lbs / 3.7kg
Case Cube	.762 ft3 / .022m3
Case Dimensions	n/a
Cases Layer	1
Cases High	1
Cases Pallet	1
UPC Code	72184410102
SCC Code	00 72184410102 8
Product Properties	Stainless Steel Dispenser
Product Application	n/a
Microwave Application	n/a
Sustainability	n/a

Miller Plus 18" Wrapping Shelf 1381800



SKU #	1381800
Product Dimensions	18" (45.72cm) Shelf
Ounce Capacity	n/a
Case Pack	1
Case Weight	9 lbs / 4.1kg
Case Cube	0.97 ft3 / .03m3
Case Dimensions	Contact Anchor for more information.
Cases Layer	1
Cases High	1
Cases Pallet	1
UPC Code	72184410006
SCC Code	00 72184410006 9
Product Properties	n/a
Product Application	n/a
Microwave Application	n/a
Sustainability	n/a

Miller 18" Stainless Steel SpeedWrap Dispenser MD18



SKU #	6034180
Product Dimensions	18" (45.72cm)
Ounce Capacity	n/a
Case Pack	1
Case Weight	8.06 lbs / 3.7kg
Case Cube	.762 ft3 / .022m3
Case Dimensions	n/a
Cases Layer	1
Cases High	1
Cases Pallet	1
UPC Code	72184410102
SCC Code	00 72184410102 8
Product Properties	Stainless Steel Dispenser
Product Application	n/a
Microwave Application	n/a
Sustainability	n/a

Miller Plus 18" Wrapping Shelf 1381800



SKU #	1381800
Product Dimensions	18" (45.72cm) Shelf
Ounce Capacity	n/a
Case Pack	1
Case Weight	9 lbs / 4.1kg
Case Cube	0.97 ft3 / .03m3
Case Dimensions	Contact Anchor for more information.
Cases Layer	1
Cases High	1
Cases Pallet	1
UPC Code	72184410006
SCC Code	00 72184410006 9
Product Properties	n/a
Product Application	n/a
Microwave Application	n/a
Sustainability	n/a



The Signature of Quality

FEDERAL INDUSTRIES

A Standex Company

215 Federal Avenue
Belleville, WI 53508-9201

Phone: 800-356-4206

Fax: 608-424-3234

Email: geninfo@federalind.com

Website: www.federalind.com

Project Name: _____

M4

AIA#

Item #: _____

Model #: _____

Qty: _____

Approval: _____

SIS#

REFRIGERATED SELF-SERVE ISLAND MERCHANDISER

Designed with impulse sales in mind. Get maximum return and increased profits with shop-around merchandising.



Models IMSS84SC-3 and IMSS60SC-2 Shown

MODEL	DIMENSIONS
<input checked="" type="checkbox"/> IMSS60SC-2	60 x 40 x 55 (in) 1524 x 1016 x 1397 (mm)
<input type="checkbox"/> IMSS60SC-3	60 x 40 x 60 (in) 1524 x 1016 x 1524 (mm)
<input type="checkbox"/> IMSS84SC-2	84 x 40 x 55 (in) 2134 x 1016 x 1397 (mm)
<input type="checkbox"/> IMSS84SC-3	84 x 40 x 60 (in) 2134 x 1016 x 1524 (mm)

STANDARD FEATURES

Model Features

- Black metal base, interior and canopy. Choice of six standard laminates on exterior. Other color laminates are optional
- Air Deflector
- Easily accessible light switch and temperature control
- Insulated with high-density foam
- Adjustable Leg Levelers

Refrigeration

- Condensate evaporator provided for a totally self contained system (Models IMSS60SC-3 and IMSS84SC-3)
- Condensate Pump standard on models IMSS60SC-2 and IMSS84SC-2).
- Easy clean, rust-proof insulated evaporator coil compartment
- Refrigeration controls maintain 38°- 40° F. Note: Case temperature will vary if the air curtain is disrupted
- R449a Refrigerant (R449a in Remote Applications)
- Thermometer

Shelving

- Adjustable black metal shelves, two or three tier

Lighting

- 3500K LED top and undershelf lighting

Agency Approvals

- UL Safety and UL Sanitation Listed to NSF Standard No. 7
- DOE 2017 Compliant

OPTIONAL ACCESSORIES

- ☐ Special Color Laminated Exterior Finish
- ☐ Recessed Casters or Legs
- ☐ Cord and Plug
- ☐ Remote Refrigeration (R449a Refrigerant,EEV Included)
- ☐ Condensate Pump
- ☐ Cart Bumper
- ☐ Top-Mounted Electrical
- ☐ Condensate Evaporator Assembly (Field Install)
(Separate 208-240V, 15A Circuit Required)



WARRANTY*
One year Parts and Labor
2nd thru 5th year part
only service compressor
(U.S.A and Canada)

Note: Information is subject to change at any time.
Visit www.federalind.com for the most current specs.

Revised 02/18/2020

AIA#

REFRIGERATED SELF-SERVE ISLAND MERCHANDISER

SIS#

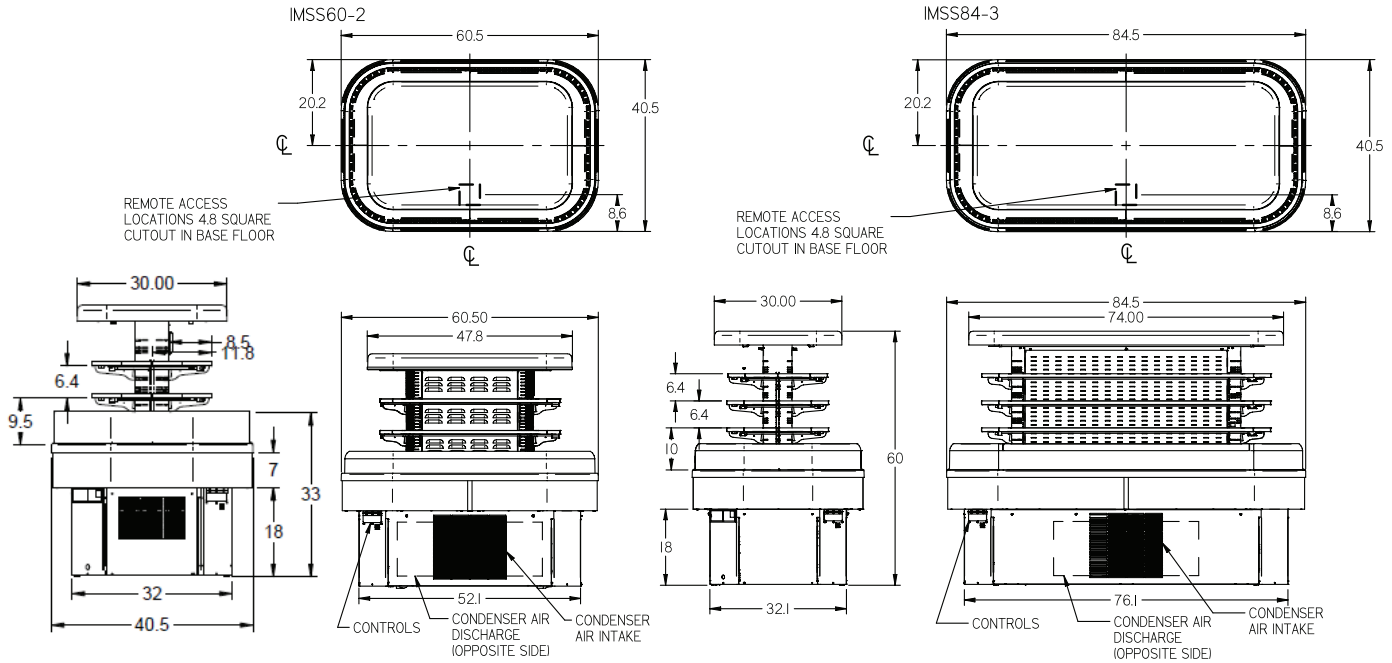
Product Specifications

Intended Environment: Type I - Designed to operate in maximum ambient conditions of 75°F (24°C) and 55% relative humidity unless noted otherwise in system information below.

Zone	Intended Product To Be Displayed	Avg Prod Temp °F/°C
All	Packaged Refrigerated Products	38°F / (3.3°C)

DIMENSION: xx"/(mm)

DIMENSION TOLERANCE +/- 0.25 (6.4)



MODEL	DIMENSIONS				DISPLAY AREA (SQ. FT.)	SHIPPING WHT		SELF CONTAINED Permanently Connected		H.P.	OPTIONAL NEMA PLUG	REMOTE WITH CONDENSATE PAN	
	L	D	H1	UNITS		LBS	KILO	VOLTAGE	AMPS		CONFIG (SC)	VOLTAGE	AMPS
IMSS60SC-2	60	40	55	in.	2 TIERS - 24.0	860	390	208-240/60/1	30 AMPS	1-1/2 HP	NEMA 6-20P	208-240/60/1	10 AMPS
	1524	1016	1397	mm.									
IMSS60SC-3	60	40	60	in.	3 TIERS - 31.3	910	413	208-240/60/1	30 AMPS	1-1/2 HP	NEMA 6-20P	208-240/60/1	10 AMPS
	1524	1016	1524	mm.									
IMSS84SC-2	84	40	55	in.	2 TIERS - 31.7	1000	454	208-240/60/1	30 AMPS	1-1/2 HP	NEMA 6-20P	208-240/60/1	10 AMPS
	2134	1016	1397	mm.									
IMSS84SC-3	84	40	60	in.	3 TIERS - 41.4	1375	624	208-240/60/1	30 AMPS	1-1/2 HP	NEMA 6-20P	208-240/60/1	12 AMPS
	2134	1016	1524	mm.									

- Case temperature will vary if the air curtain disrupted
- Refrigerated cases are designed to operate in a maximum of 75°F (24°C) ambient and 55% relative humidity.
- Due to continuing engineering improvements, specifications are subject to change without notice.

DOE 2017
Energy Efficiency
Compliant

The Signature of Quality®

FEDERAL INDUSTRIES

A Standex Company

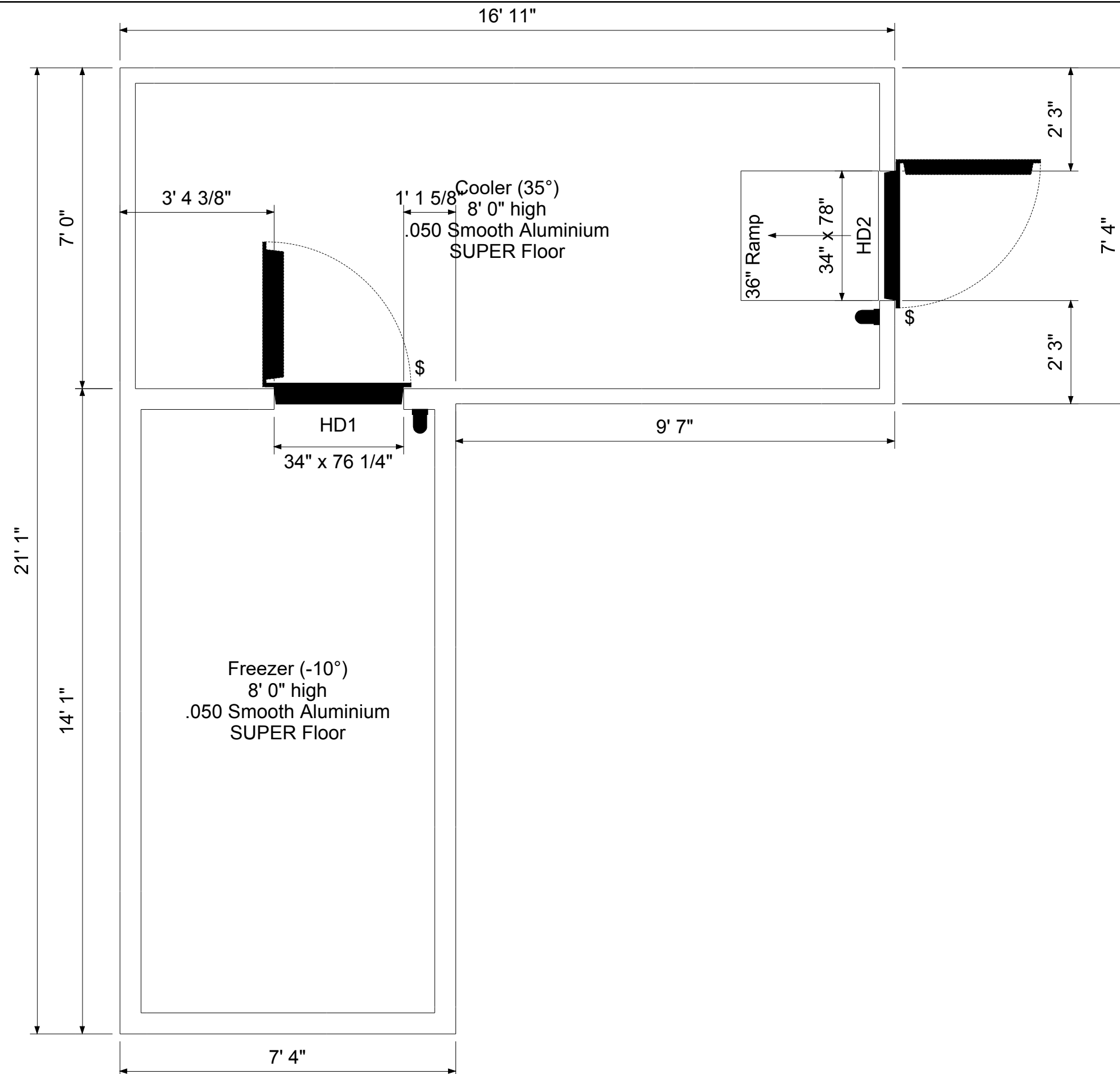
215 Federal Avenue Belleville, Wisconsin 53508-9201

Phone: 800-356-4206

Fax: 608-424-3234

Email: Geninfo@Federalind.com

Website: Federalind.com



SPECIFICATIONS

Size:

16' 11" x 21' 1" x 8'

Freezer Panel Thickness:

5 1/2" Walls & 5 1/2" Ceiling

Freezer Floor Panel Thickness:

5 1/4"

Cooler Panel Thickness:

4" Walls & 4" Ceiling

Cooler Floor Panel Thickness:

5 1/4"

Finishes:

26 Ga Stucco Galv Interior Wall and Ceiling

26 Ga Stucco Galv Exterior Wall, Ceiling
and Floor

Ceiling Type:

Lag down

Door Description:

HD2: Door Cooler (35°), 34" x 78"

Overlap Mount, Right Hand Hinge,
Interior Same As Wall, Exterior Same

As Wall

Door Description:

HD1: Door Freezer (-10°), 34" x 76 1/4"
Overlap Mount, Right Hand Hinge,

Interior Same As Wall, Ex

Disclaimers

**IT IS THE CUSTOMER'S RESPONSIBILITY TO
VERIFY ALL ITEMS ON THE APPROVAL. ALL
NECESSARY REVISIONS MUST BE NOTED ON
THIS DRAWING. FINAL DRAWING WILL BE
PRODUCED USING A SIGNED APPROVAL DWG.**

THE BUYER ACKNOWLEDGES & CONFIRMS THAT THE AGREEMENT BETWEEN BUYER AND SELLER CONSISTS OF THE (I) DESCRIPTIONS AND QUANTITIES OF THE GOODS STATED ON SUCH PURCHASE ORDER, AND (II) THE PRICES, DELIVERY DATES, AND TERMS & CONDITIONS STATED ON SUCH QUOTE. BUYER FURTHER ACKNOWLEDGES THAT SUCH TERMS & CONDITIONS SUPERSEDE AND REPLACE ANY AND ALL TERMS AND CONDITIONS APPEARING ON/IN THE BUYER'S PURCHASE ORDER FORM.

**ENGINEERED FOR ON GRADE INSTALLATION.
IF ANY PORTION OR ALL OF THIS WALK-IN IS TO
BE INSTALLED IN A DEPRESSION, CONTACT
THE LEER SALES DEPT. IMMEDIATELY
1-800-764-6834.**

LEER MUST KNOW IF YOU ARE USING QUARRY TILE IN THE WALK-IN OR BUTTING UP TO THE WALK-IN. ROUGH OPENING FOR PASS THRU DOORS AND LEER DOORS WILL NEED MODIFICATION TO ALLOW THE DOORS TO OPEN AND CLOSE PROPERLY.

THIS WALK-IN IS DESIGNED TO SUPPORT ONLY ITS OWN WEIGHT. STORAGE ON TOP, MOUNTING TO OR MODIFYING THE WALK-IN MAY VOID ALL MANUFACTURER'S WARRANTIES. ANY OUTDOOR WALK-IN MUST BE DESIGNED TO MEET STATE & LOCAL SNOW LOAD AND LIVE LOAD REQUIREMENTS.

EXTREMELY IMPORTANT TO VENTILATE THE WALK-IN PROPERLY WHILE CONCRETE IS CURING.

EXTRA CARE MUST BE TAKEN WHEN USING MURIATIC ACID OR OTHER HARSH CLEANING MATERIALS.

THE SHEET METAL FACING INSIDE THIS WALK-IN MAY STAIN OR OXIDIZE DUE TO EXCESSIVE MOISTURE CREATED BY HYDRATION OF CONCRETE MATERIALS.



- Accessories:**
(2) Vapor Proof Light
(4) Kason 1248 Hinge
(1) Heated Vent
(2) Digital / Switch Thermometer
(1) Heated Frame
(1) Heated Plug
(2) Inside Release Push Handle
(1) Interior Ramp(36" Depth)
(2) 1092 Door Closer
(2) Strike Brushed Chrome



WILMINGTON INTERNATIONAL AIRPORT (ILM)

1740 AIRPORT BLVD.

WILMINGTON, NC 28405

SPACE: A, B, C - BOARDING LEVEL, ZONE 1

60% SUBMITTAL

- LIGHTING

Applications

TCP LED Direct Troffer luminaires are cost-effective, high-efficiency alternatives to traditional T5, T8 and T12 linear fluorescent troffers. Featuring a slim, low-profile design, our LED Direct Troffers use back-lit technology to deliver full panel diffusion and superior uniformity that meets or exceeds the output from edge-lit panels. Applications include offices, schools, retail locations, healthcare, hospitality and other T-grid and commercial ceilings.

Construction

- Rectangular white frame
- Lens: frosted white diffuser
- IP20 rated
- IC rated for direct contact with insulation
- Designed for easy drop into T-bar grid ceilings

Electrical

- UL/cUL damp location rated
- 0-10V dimming driver (standard)
- LED driver with integrated junction box
- System rated for long 50,000 hour life

Optics

- Back-lit technology provides even uniform lighting
- 120° beam angle
- Frosted diffuser for reduced glare and aesthetic appeal
- Meets or exceeds the look and performance of edge-lit panels

Item Number	LIGHT TYPE FIXTURE: A 2X4 TROFFER, 39W, 3000K, COLOR: WHITE TCP-DTF4UZD3930K	
Notes	IF PROJECT IS IN CHICAGO CONSIDER THE CHICAGO PLENUM OPTION	Type



Listings

UL/cUL Listed
IC Rated
RoHS Compliant
DLC 5.0 Standard

Lumen Maintenance

L70 > 54000 hours

Warranty

Five year limited warranty against defects in manufacturing.

Catalog Ordering Matrix

Example: DTF4UZD2941K

DT	F	4	U	ZD	39	30K			
FAMILY	LENS TYPE	SIZE	VOLTAGE	DIMMING	WATTAGE ^{1,2,3}	COLOR TEMPERATURE	OPTIONS	FRAME OPTIONS	CONTROL
DT = Direct Back Lit Troffer	F = Frosted P = Prismatic lens	4 = 2' x 4'	U = 120V-277V H = 120V-347V	ZD = 0-10V Dimming 1D = 120V Triac Dimming ZD = 0-10V Dimming	29 = 3300 Lumens 39 = 4400 Lumens 46 = 5100 Lumens (Wattage Selectable to 46W/39W/29W)	30K = 3000K 35K = 3500K 41K = 4100K 50K = 5000K	BLANK = None EB = Battery Back-up CP = Chicago Plenum	BLANK = "White Frame" BLK = Black Frame	SM = Smart Box SBS = Smart Box with Sensor

¹Approximate lumen output. Actual performance may vary based on CCT, options selected and end user application.

²Actual wattage may differ by +/- 5%; when operating between 120-277V +/- 10%.

³29W and 39W are permanently fixed; 46W is adjustable to 39W or 29W.

Accessories:

Item Number	Description
YHANGER6PK	Y FIT CABLE HANGER 6 PACK
DTSK4	SURFACE MOUNT KIT FOR DIRECT TROFFER 2X4
DTFLK4	RECESS MOUNT FLANGE KIT FOR 2X4 TROFFERS AND PANELS
DRVEXTCABLE	3FT DRIVER EXTENSION CABLE

For the most up-to-date specs and warranty information, please visit www.tcpil.com

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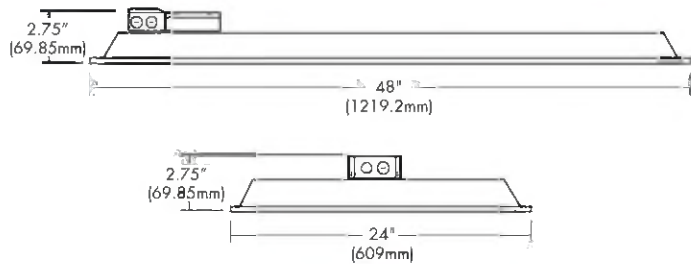


5 YEAR WARRANTY

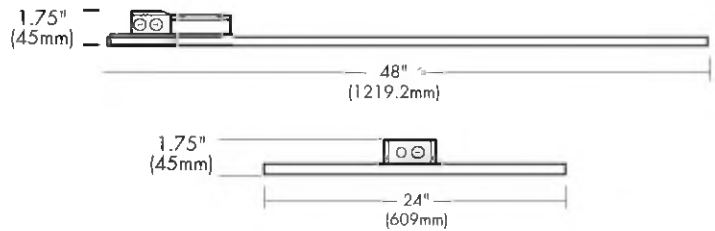
Not all versions of this product are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/apl.

Dimensions and Mounting Data

Back-lit Direct Troffer



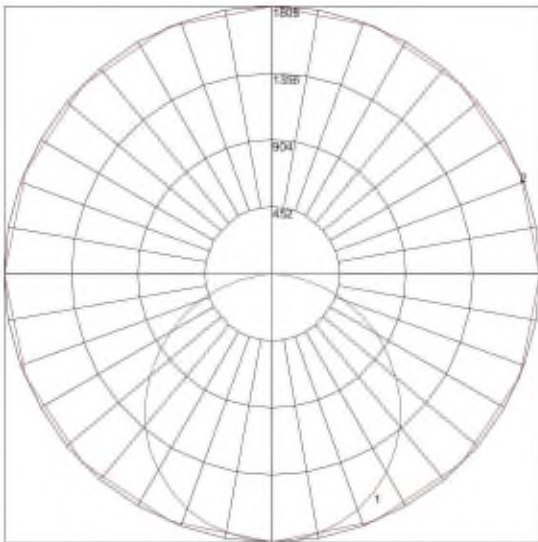
Edge-lit Flat Panel



Photometric Report

Based on photometric data for
TCP Item # DTF4UZD4630K (46W)

Polar Graph



Maximum Candela = 1808.2 Located At Horizontal Angle = 0, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)

Average Luminance candelas/square meter (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	2333	2317	2318
55	2254	2237	2229
65	2125	2092	2083
75	1904	1866	1822
85	1499	1470	1394

Coefficients of Utilization – Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	109	104	99	95	106	101	97	94	97	94	91	93	91	88	90	87	85	83	83	83	83
2	99	90	83	78	96	88	82	77	85	79	75	81	77	73	78	75	71	69	69	69	69
3	90	79	71	64	87	78	70	64	75	68	63	72	66	61	69	64	60	58	58	58	58
4	82	70	61	54	80	69	60	54	66	59	53	64	58	52	62	56	52	50	50	50	50
5	76	63	53	47	73	61	53	46	59	52	46	57	51	45	55	50	45	43	43	43	43
6	70	56	47	41	68	55	47	41	53	46	40	52	45	40	50	44	39	37	37	37	37
7	65	51	42	36	63	50	42	36	49	41	36	47	40	35	46	40	35	33	33	33	33
8	60	46	38	32	59	46	38	32	44	37	32	43	36	31	42	36	31	29	29	29	29
9	56	43	34	29	55	42	34	29	41	34	29	40	33	28	39	33	28	26	26	26	26
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24	24	24	24

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-20	661.93	N.A.	12.70
0-30	1407.56	N.A.	26.90
0-40	2309.2	N.A.	44.20
0-60	4094.49	N.A.	78.40
0-80	5115.44	N.A.	97.90
0-90	5222.48	N.A.	100.00
10-90	5051.35	N.A.	96.70
20-40	1647.27	N.A.	31.50
20-50	2584.72	N.A.	49.50
40-70	2431.84	N.A.	46.60
60-80	1020.95	N.A.	19.50
70-80	374.40	N.A.	7.20
80-90	107.04	N.A.	2.00
90-110	0.62	N.A.	0.00
90-120	0.62	N.A.	0.00
90-130	0.62	N.A.	0.00
90-150	0.67	N.A.	0.00
90-180	1.55	N.A.	0.00
110-180	0.94	N.A.	0.00
0-180	5224.04	N.A.	100.00

Total Luminaire Efficiency = N.A.%

Specifications and dimensions subject to change without notice.

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5 YEAR WARRANTY

Not all versions of this product are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/qpl

Applications

TCP LED Direct Troffer luminaires are cost-effective, high-efficiency alternatives to traditional T5, T8 and T12 linear fluorescent troffers. Featuring a slim, low-profile design, our LED Direct Troffers use back-lit technology to deliver full panel diffusion and superior uniformity that meets or exceeds the output from edge-lit panels. Applications include offices, schools, retail locations, healthcare, hospitality and other T-grid and commercial ceilings.

Construction

- Rectangular white frame
- Lens: frosted white diffuser
- IP20 rated
- IC rated for direct contact with insulation
- Designed for easy drop into T-bar grid ceilings

Electrical

- UL/cUL damp location rated
- 0-10V dimming driver (standard)
- LED driver with integrated junction box
- System rated for long 50,000 hour life

Optics

- Back-lit technology provides even uniform lighting
- 120° beam angle
- Frosted diffuser for reduced glare and aesthetic appeal
- Meets or exceeds the look and performance of edge-lit panels

Item Number	LIGHT TYPE FIXTURE: A1 2X2 TROFFER, 29W, 3000K, COLOR: WHITE TCP-DTF2UZD2930K	
Notes	IF PROJECT IS IN CHICAGO CONSIDER THE CHICAGO PLENUM OPTION	Type



Listings

UL/cUL Listed
IC Rated
RoHS Compliant
DLC 5.0 Standard

Lumen Maintenance

L70 > 54000 hours

Warranty

Five year limited warranty against defects in manufacturing.

Catalog Ordering Matrix Example: DTF2UZD2341K

DT	F	2	U	ZD	29	30K			
FAMILY	LENS TYPE	SIZE	VOLTAGE	DIMMING	WATTAGE ^{1,2,3}	COLOR TEMPERATURE	OPTIONS	FRAME OPTIONS	CONTROL
DT = Direct Back Lit Troffer	F = Frosted P = Prismatic lens	2 = 2' x 2'	U = 120V-277V H = 120V-347V	ZD = 0-10V Dimming 1D = 120V Triac Dimming ZD = 0-10V Dimming	23 = 2600 Lumens 29 = 3200 Lumens 38 = 4200 Lumens (Wattage Selectable to 38W/29W/23W)	30K = 3000K 35K = 3500K 41K = 4100K 50K = 5000K	BLANK = None EB = Battery Back-up CP = Chicago Plenum	BLANK = "White Frame" BLK = Black Frame	SM = Smart Box SBS = Smart Box with Sensor

¹ Approximate lumen output. Actual performance may vary based on CCT, options selected and end user application.

² Actual wattage may differ by +/- 5%; when operating between 120-277V +/- 10%.

³ 23W and 29W are permanently fixed; 38W is adjustable to 29W or 23W.

Accessories:

Item Number	Description
YHANGER6PK	Y FIT CABLE HANGER 6 PACK
DTSK2	SURFACE MOUNT KIT FOR DIRECT TROFFER 2X2
DTFLK2	RECESS MOUNT FLANGE KIT FOR 2X2 TROFFERS AND PANELS
DRVEXTCABLE	3FT DRIVER EXTENSION CABLE

For the most up-to-date specs and warranty information, please visit www.tcp.com

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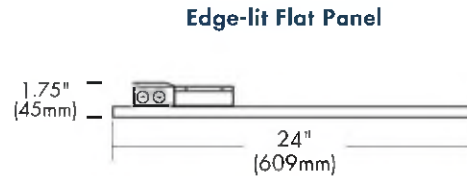
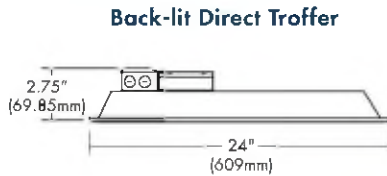
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5 YEAR WARRANTY

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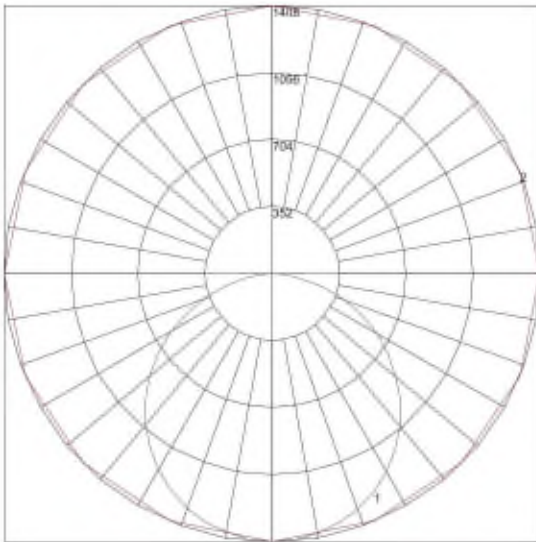
Dimensions and Mounting Data



Photometric Report

Based on photometric data for
TCP Item # DTF2UZD3830K (38W)

Polar Graph



Maximum Candela = 1407.6 Located At Horizontal Angle = 0, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)

Average Luminance candelas/square meter (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	3631	3602	3585
55	3506	3474	3437
65	3292	3239	3179
75	2892	2795	2680
85	2165	1983	1746

Coefficients of Utilization – Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	109	104	100	96	106	102	98	94	97	94	91	93	91	88	90	88	86	84	84	84	84
2	99	90	84	78	96	89	82	77	85	80	75	82	77	73	79	75	72	69	69	69	69
3	90	79	71	64	87	78	70	64	75	68	63	72	66	62	69	65	61	58	58	58	58
4	82	70	61	55	80	69	61	54	66	59	53	64	58	53	62	56	52	50	50	50	50
5	76	63	54	47	73	62	53	47	59	52	46	57	51	46	56	50	45	43	43	43	43
6	70	56	47	41	68	55	47	41	54	46	40	52	45	40	50	44	40	38	38	38	38
7	65	51	42	36	63	50	42	36	49	41	36	47	40	35	46	40	35	33	33	33	33
8	60	47	38	32	59	46	38	32	45	37	32	43	37	32	42	36	31	29	29	29	29
9	56	43	34	29	55	42	34	29	41	34	29	40	33	28	39	33	28	26	26	26	26
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24	24	24	24

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-20	515.20	N.A.	12.70
0-30	1095.31	N.A.	27.10
0-40	1796.69	N.A.	44.40
0-60	3184.62	N.A.	78.70
0-80	3967.55	N.A.	98.10
0-90	4044.17	N.A.	100.00
10-90	3910.96	N.A.	96.70
20-40	1281.49	N.A.	31.70
20-50	2010.58	N.A.	49.70
40-70	1887.56	N.A.	46.70
60-80	782.93	N.A.	19.40
70-80	283.30	N.A.	7.00
80-90	76.63	N.A.	1.90
90-110	0.00	N.A.	0.00
90-120	0.00	N.A.	0.00
90-130	0.00	N.A.	0.00
90-150	0.01	N.A.	0.00
90-180	0.76	N.A.	0.00
110-180	0.76	N.A.	0.00
0-180	4044.93	N.A.	100.00

Total Luminaire Efficiency = N.A. %

Specifications and dimensions subject to change without notice.

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5 YEAR
WARRANTY

Not all versions of this product are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/qpl

NIO-4RND**4" Iolite Round Reflector with Round Aperture**

Source: 14W to 28W LED

800lm to 2500lm

PRODUCT DESCRIPTION

4" Iolite LED luminaire can be specified for use with Iolite new construction or remodel housings. Deep regressed cone reflectors optimize visual cut-off.

FEATURES

- 800lm, 1000lm, 1500lm, 2000lm or 2500lm LED packages
- 2700K, 3000K, 3500K, 4000K, 5000K @ 90+ CRI
- Comfort Dim (warm dimming) also available in 800lm only
- Flood optic, narrow flood and spot optics (included)
- 5-Year limited warranty

SPECIFICATION

Construction: Trims are constructed of heat dissipating, die-cast aluminum. The aluminum die-cast LED heat sink is threaded to fit the reflector and transfer heat.

Mounting: Trim includes friction blades to mount securely to housing.

OPTICS

800-1000lm: Each luminaire includes field changeable optics (27° spot, 41° narrow flood and 60° flood - preinstalled). Premium 15° and 25° TIR optics are also available.

1500-2500lm: Each luminaire includes field changeable TIR optics (30° spot, 45° narrow flood - preinstalled and 65° flood).

ELECTRICAL

Lumens / Wattage: 800lm / 14W, 1000lm / 14W, 1500lm / 20W, 2000lm / 24W, 2500lm / 28W

Color Temperature: 2700K, 3000K, 3500K, 4000K, 5000K

Color Rendering Index: 90+ CRI

Operating Temperature: Specified by housing

Lifetime: 50,000 hours @ L70

Comfort Dim: Comfort Dim color tunes the temperature from a bright 3100K, to a romantic and comfortable 2000K on a gradual, even curve. Available in 800lm only.

Dimming: Specified by housing

COMPATIBLE HOUSINGS

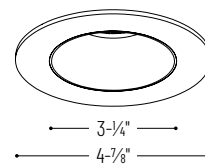
Luminaires are compatible with respective Iolite housings manufactured by Nora Lighting.

CATALOG NO.	DESCRIPTION	LUMENS / WATTAGE
NHIOICD-48	ICAT New Construction	800-1000lm / 14W
NHIOICDP-48	Chicago Plenum	800-1000lm / 14W
NHRIOIC-48	ICAT Remodel	800-1000lm / 14W
NHIOICD-415	ICAT New Construction	1500lm / 20W
NHIOICDP-415	Chicago Plenum	1500lm / 20W
NHIOICD-420	ICAT New Construction	2000lm / 24W
NHIOICDP-420	Chicago Plenum	2000lm / 24W
NHIOICD-425	ICAT New Construction	2500lm / 28W
NHIOICDP-425	Chicago Plenum	2500lm / 28W

Accessories: Luminaires can accommodate (1) hex louver and (1) translucent deco collar or opaque snoot, no accessory holder is required, see accessories page. Flush mount mud ring is available to give the appearance of a trimless, compatible with new construction housing only.

LABELS AND LISTINGS

- cULus Listed for Wet Locations
- ENERGY STAR certified
- [5-Year Limited Warranty](#)
- RoHS Compliant
- Certified to the high efficacy requirements of California Title 24 JA8-2019

**Type****Project****Catalog No.****Notes****PRODUCT IMAGES & DIMENSIONS****NIO-4RND**

Round Reflector with Round Aperture
Non-Adjustable

**BB**

Black Reflector
Black Flange

**BW**

Black Reflector
White Flange

**BZ**

Bronze Reflector
Bronze Flange

**CHMPW**

Champagne Haze Reflector
Matte Powder White Flange

**CMPW**

Specular Clear Reflector
Matte Powder White Flange

**HW**

Haze Reflector
White Flange

**HZMPW**

Haze Reflector
Matte Powder White Flange

**MPW**

Matte Powder White Reflector
Matte Powder White Flange

**NN**

Natural Metal Reflector
Natural Metal Flange

**WW**

White Reflector
White Flange

4" Iolite Round Reflector with Round Aperture - Dedicated Housing Required

Trim Type	Color Temperature	Finish	Lumens / Wattage
NIO-4RND = Round Reflector with Round Aperture	50X = 5000K*	BB = Black / Black	(blank) = 800lm / 14W
	CDX = Comfort Dim†	BW = Black / White	
	27X = 2700K	BZ = Bronze / Bronze	
	30X = 3000K	CHMPW = Champagne / Matte Powder White	/10 = 1000lm / 14W
	35X = 3500K	CMPW = Specular Clear / Matte Powder White	/HL = 1500-2500lm (varies by housing)
	40X = 4000K	HW = Haze / White	
	50X = 5000K	HZMPW = Haze / Matte Powder White	
		MPW = Matte Powder White	
		NN = Natural Metal / Natural Metal	
		WW = White / White	

* 5000K LED modules in 800lm are while supplies last

† Comfort Dim available in 800lm only and 1" Iolite uses a different dimming curve than 2" & 4" Iolite

Compatible Housings

Housing Type
NHIOICD-48 = ICAT New Construction / 800-1000lm / 14W
NHIOICDP-48 = Chicago Plenum / 800-1000lm / 14W
NHRIOIC-48 = ICAT Remodel / 800-1000lm / 14W
NHIOICD-415 = ICAT New Construction / 1500lm / 20W
NHIOICDP-415 = Chicago Plenum / 1500lm / 20W
NHIOICD-420 = ICAT New Construction / 2000lm / 24W
NHIOICDP-420 = Chicago Plenum / 2000lm / 24W
NHIOICD-425 = ICAT New Construction / 2500lm / 28W
NHIOICDP-425 = Chicago Plenum / 2500lm / 28W

Example: **NIO-4RND50XWW** = 4" Iolite Round Reflector with Round Aperture, 5000K, White finish, 800lm / 14W

4" Iolite Accessories

4" Iolite Round Reflector with Round Aperture

Type

Project

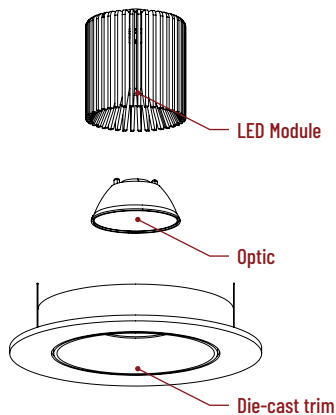
Catalog No.

Notes

FIELD CHANGEABLE OPTICS

Iolite luminaires include spot, narrow flood and flood optics. Optics can be changed in the field by removing LED module from die-cast trim. Replacement optics include an optional frosted lens.

Note: Frosted filter-optics and Premium TIR optics are not compatible with /HL LED modules.



Frosted Filter-Optic

NIO-REFL15FR
NIO-REFL25FR
NIO-REFL38FR
NIO-REFL60FR

15° Optic
27° Optic
40° Optic
60° Optic

Optic assembly includes optional frosted lens. 27°, 40° and 60° optics are included with 800lm and 1000lm modules.
Not compatible with /HL LED module.



Premium TIR Optics

NIO-REFLTIR15
NIO-REFLTIR25

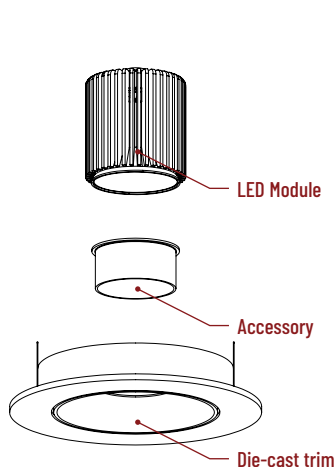
15° Optic
25° Optic

Not compatible with /HL LED module or Comfort Dim (CDX) technology

ACCESSORIES

Iolite accessories can be added at any point in the design process. Accessories easily install between LED module and die-cast trim.

Luminaire will accommodate (1) hex louver and (1) collar accessory, no accessory holder required.



Translucent Decorative Collar

NIO-AS14(color) 5/8" length
NIO-AS19(color) 3/4" length
NIO-AS26(color) 1" length
Color:
AM (amber), BLU (blue), FR (frosted), R (red)

Translucent collars color the aperture with the specified color while producing white general light. Collars are available in different lengths. Use to add interest, create a theme, match a theme or define a space.



Opaque Collar Snoot

NIO-AS14(color) 5/8" length
NIO-AS19(color) 3/4" length
NIO-AS26(color) 1" length
Color:
BLK (black), MPW (matte powder white), WH (white)

Opaque snoot greatly reduces aperture brightness while preserving light output. (Note: Black snoot will reduce light)



Hex Cell Louver

NIO-HC Black
Hex cell louver subtly reduces aperture brightness by reducing light output by about 20%.

FLUSH MOUNT

4" Iolite trims can be installed flush with the drywall for a flush mount appearance. A flush mount mud ring is installed after the drywall and a professional drywall finisher floats the ceiling to blend in the mud ring.



Flush Mount Mud Ring

NIO-FMMR-4R Round Mud Ring

Mounts trim flush to ceiling with flange visible. Mud ring attaches to drywall. **Only for use with NH10ICD-48 or NH10ICDCP-48 new construction housings and NIO-4R trims.**

Dimensions: 7-1/8" diameter 1/2" thick

PHOTOMETRICS

4" Iolite Round Reflector with Round Aperture 1000 lumens

Type

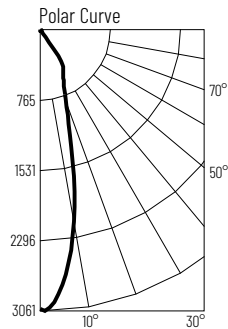
Project

Catalog No.

Notes

Test Information

Test Number: NTR11291
Part Number: NIO-4RNDC30XBW/10
Beam Spread: 27° Spot
Lumens: 1089lm
Wattage: 13.53W
Efficacy: 81lpw
CCT / CRI: 3000K / 90 CRI
Spacing Criteria (0°-180°): 0.46
Spacing Criteria (90°-270°): 0.48



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	189fc	1'-11"
6'	84.1fc	2'-11"
8'	47.3fc	3'-11"
10'	30.3fc	4'-10"
12'	21fc	5'-10"

Zonal Lumen Summary

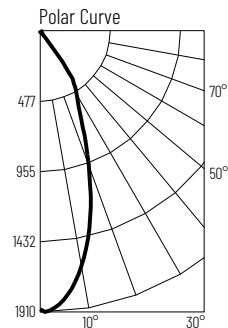
Zone	Lumens	% Luminaire
0-30	884	81.1
0-40	1062	97.5
0-60	1085	99.6
0-90	1085	99.6
90-180	4	0.4
0-180	1089	100

Candela Table

Vertical Angles	Candela
0	3027
5	2721
15	1292
25	586
35	329
45	24

Test Information

Test Number: NTR11230
Part Number: NIO-4RNDC30XBW/10
Beam Spread: 41° Narrow Flood
Lumens: 1059lm
Wattage: 13.42W
Efficacy: 79lpw
CCT / CRI: 3000K / 90 CRI
Spacing Criteria (0°-180°): 0.66
Spacing Criteria (90°-270°): 0.66



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	118fc	3'
6'	52.6fc	4'-6"
8'	29.6fc	5'-11"
10'	18.9fc	7'-5"
12'	13.1fc	8'-11"

Zonal Lumen Summary

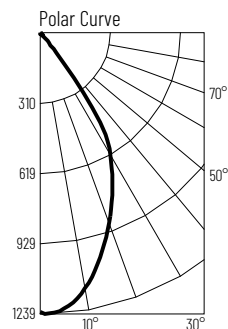
Zone	Lumens	% Luminaire
0-30	851	80.4
0-40	1028	97
0-60	1055	99.6
0-90	1055	99.7
90-180	4	0.3
0-180	1059	100

Candela Table

Vertical Angles	Candela
0	1893
5	1805
15	1305
25	681
35	279
45	19

Test Information

Test Number: NTR11232
Part Number: NIO-4RNDC30XBW/10
Beam Spread: 60° Flood
Lumens: 1042lm
Wattage: 13.5W
Efficacy: 77lpw
CCT / CRI: 3000K / 90 CRI
Spacing Criteria (0°-180°): 0.9
Spacing Criteria (90°-270°): 0.88



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	76.6fc	4'-6"
6'	34fc	6'-8"
8'	19.1fc	9'
10'	12.2fc	11'-2"
12'	8.5fc	13'-6"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	744	71.4
0-40	979	94
0-60	1037	99.6
0-90	1038	99.7
90-180	4	0.3
0-180	1042	100

Candela Table

Vertical Angles	Candela
0	1225
5	1194
15	1024
25	767
35	367
45	57

Lumen Output Multipliers

Color Temperature: 2700K (0.98), 3000K (1.00), 3500K (1.09), 4000K (1.19), 5000K (1.16)

PHOTOMETRICS

4" Iolite Round Reflector with Round Aperture 1500 lumens

Type

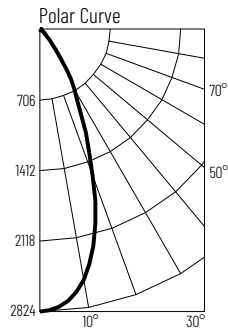
Project

Catalog No.

Notes

Test Information

Test Number: NTR1659R1
Part Number: NIO-4RNDC30XWW/HL
Beam Spread: 42° Spot
Lumens: 1744lm
Wattage: 19.4W
Efficacy: 90lpw
CCT / CRI: 3000K / 90 CRI
Spacing Criteria (0°-180°): 0.7
Spacing Criteria (90°-270°): 0.7



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
6'	78.4fc	4'-8"
8'	44.1fc	6'-4"
10'	28.2fc	7'-10"
12'	19.6fc	9'-5"
14'	14.4fc	10'-11"

Zonal Lumen Summary

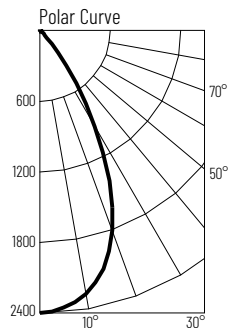
Zone	Lumens	% Luminaire
0-30	1318	75.5
0-40	1574	90.3
0-60	1698	97.3
0-90	1733	99.4
90-180	11	0.6
0-180	1744	100

Candela Table

Vertical Angles	Candela
0	2824
5	2755
15	2126
25	1043
35	417
45	100

Test Information

Test Number: NTR1661R1
Part Number: NIO-4RNDC30XWW/HL
Beam Spread: 54° Narrow Flood
Lumens: 1915lm
Wattage: 19.4W
Efficacy: 99lpw
CCT / CRI: 3000K / 90 CRI
Spacing Criteria (0°-180°): 0.88
Spacing Criteria (90°-270°): 0.86



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
6'	66.7fc	6'-1"
8'	37.5fc	8'-2"
10'	24fc	10'-2"
12'	16.7fc	12'-4"
14'	12.2fc	14'-4"

Zonal Lumen Summary

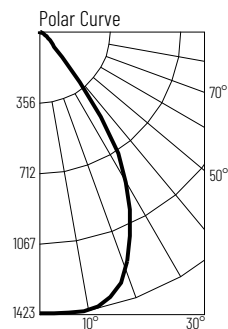
Zone	Lumens	% Luminaire
0-30	1422	74.3
0-40	1765	92.1
0-60	1879	98.1
0-90	1903	99.4
90-180	12	0.6
0-180	1915	100

Candela Table

Vertical Angles	Candela
0	2400
5	2365
15	2095
25	1408
35	547
45	86

Test Information

Test Number: NTR1663R1
Part Number: NIO-4RNDC30XWW/HL
Beam Spread: 66° Flood
Lumens: 1591lm
Wattage: 19.26W
Efficacy: 83lpw
CCT / CRI: 3000K / 90 CRI
Spacing Criteria (0°-180°): 1.02
Spacing Criteria (90°-270°): 1.02



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
6'	39.4fc	7'-10"
8'	22.1fc	10'-6"
10'	14.2fc	13'-1"
12'	9.8fc	15'-8"
14'	7.2fc	18'-4"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1016	63.9
0-40	1354	85.1
0-60	1533	96.4
0-90	1582	99.5
90-180	9	0.6
0-180	1591	100

Candela Table

Vertical Angles	Candela
0	1417
5	1420
15	1383
25	1083
35	594
45	104

Lumen Output Multipliers

Color Temperature: 2700K (0.92), 3000K (1.00), 3500K (1.1), 4000K (1.12), 5000K (1.18)

PHOTOMETRICS

4" Iolite Round Reflector with Round Aperture 2000 lumens

Type

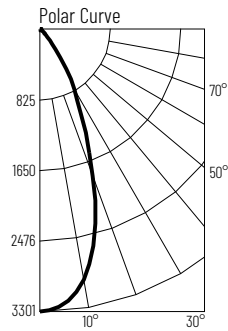
Project

Catalog No.

Notes

Test Information

Test Number: NTR1660R1
Part Number: N10-4RNDC30XWW/HL
Beam Spread: 43° Spot
Lumens: 2047lm
Wattage: 23.38W
Efficacy: 88lpw
CCT / CRI: 3000K / 90 CRI
Spacing Criteria (0°-180°): 0.7
Spacing Criteria (90°-270°): 0.7



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
12'	22.9fc	9'-5"
14'	16.8fc	11'
16'	12.9fc	12'-7"
18'	10.2fc	14'-1"
20'	8.3fc	15'-8"

Zonal Lumen Summary

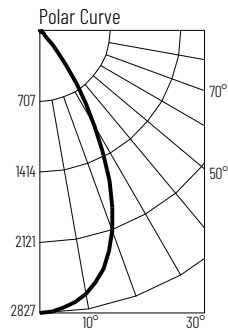
Zone	Lumens	% Luminaire
0-30	1545	75.5
0-40	1847	90.3
0-60	1992	97.3
0-90	2034	99.4
90-180	13	0.6
0-180	2047	100

Candela Table

Vertical Angles	Candela
0	3301
5	3208
15	2461
25	1248
35	481
45	117

Test Information

Test Number: NTR1662R1
Part Number: N10-4RNDC30XWW/HL
Beam Spread: 54° Narrow Flood
Lumens: 2249lm
Wattage: 23.4W
Efficacy: 96lpw
CCT / CRI: 3000K / 90 CRI
Spacing Criteria (0°-180°): 0.88
Spacing Criteria (90°-270°): 0.86



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
12'	19.6fc	12'-4"
14'	14.4fc	14'-4"
16'	11fc	16'-4"
18'	8.7fc	18'-5"
20'	7.1fc	20'-5"

Zonal Lumen Summary

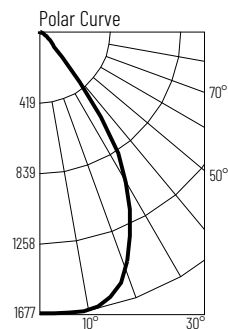
Zone	Lumens	% Luminaire
0-30	1671	74.3
0-40	2072	92.1
0-60	2206	98.1
0-90	2234	99.4
90-180	15	0.6
0-180	2249	100

Candela Table

Vertical Angles	Candela
0	2827
5	2783
15	2473
25	1652
35	628
45	107

Test Information

Test Number: NTR1664R1
Part Number: N10-4RNDC30XWW/HL
Beam Spread: 66° Flood
Lumens: 1878lm
Wattage: 23.43W
Efficacy: 80lpw
CCT / CRI: 3000K / 90 CRI
Spacing Criteria (0°-180°): 1.02
Spacing Criteria (90°-270°): 1.02



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
12'	11.6fc	15'-8"
14'	8.5fc	18'-4"
16'	6.5fc	20'-11"
18'	5.2fc	23'-6"
20'	4.2fc	26'-1"

Zonal Lumen Summary

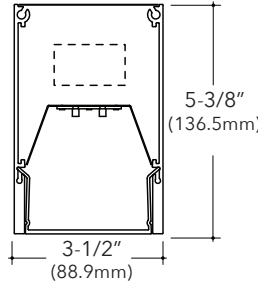
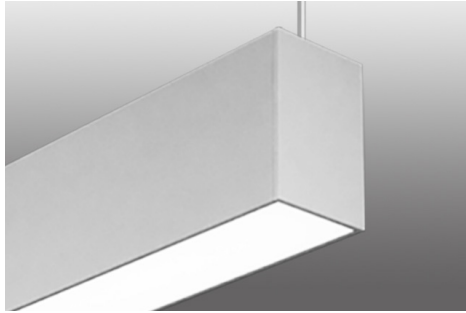
Zone	Lumens	% Luminaire
0-30	1199	63.9
0-40	1598	85.1
0-60	1808	96.4
0-90	1867	99.5
90-180	11	0.6
0-180	1878	100

Candela Table

Vertical Angles	Candela
0	1672
5	1675
15	1628
25	1278
35	700
45	121

Lumen Output Multipliers

Color Temperature: 2700K (0.94), 3000K (1.00), 3500K (1.13), 4000K (1.13), 5000K (1.2)



EDGE EX3

3" Suspended Direct Linear

Key Features

- 6063-T5 Extruded aluminum housing
- Highly reflective die-formed white painted reflector
- Wiring access available through bottom of housing
- 5-year limited warranty covers LED, driver and fixture
- UL and cUL listed
- Approved for dry/damp location unless otherwise noted
- Maximum weight is 20 lbs. for a standard 4' fixture
- Buy American Act compliant



Example Part #: EX3-HE-N-830HO-26'-AC48G1-U-OL1-1-0-W

EX3 - **DIRECT SHIELDING** - **N** - **INDIRECT SHIELDING** - **CRI, CCT & OUTPUT** - **LENGTH OR PATTERN** - **MOUNTING** - **VOLTAGE** - **DRIVER** - **CIRCUITING** - **BATTERY & EMERGENCY** - **FINISH** - **FIXTURE OPTIONS** - **CONTROLS**

---	N	-----	---
DIRECT SHIELDING	INDIRECT SHIELDING	CRI, CCT & OUTPUT ¹	LENGTH OR PATTERN ²
A - Satine Lens <i>10QS</i> AL - Drop Lens HE - High Efficiency H - Arched Regress R - Flat Regress <i>Shielding pg. 2</i>	N - None <i>10QS</i> <i>Shielding pg. 2</i>	27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K CL - Custom Lumens CW - Custom Watts <i>Lumen Output pg. 2</i> <i>Example: 830HO is 8 = 80 CRI; 30 = 3000K; HO = High Output; Blank = Standard Output</i>	--- - Individual Fixture <i>10QS</i> --- - Continuous Row <i>10QS</i> S - Square <i>10QS</i> R_x - Rectangle <i>10QS</i> L_x - L Shape <i>10QS</i> U_x - U-Shape <i>10QS</i> M - Mod Layout <i>Length and Pattern pg. 2-3</i>
-----	-	---	-
MOUNTING ³	VOLTAGE	DRIVER	CIRCUITING
AC_G - (M)AC to Grid <i>10QS</i> AC_JB - (M)AC to J Box <i>10QS</i> AC_ST - (M)AC to Structure <i>10QS</i> AC5_G - 5" Non-Power Canopy AC5_JB - 5" Non-Power Canopy SQ_G - 5" Square Canopy SQ_JB - 5" Square Canopy WA - Wall Mount <i>10QS</i> S - Surface Mount <i>10QS</i> <i>Mounting pg. 3</i>	U - Universal (120 thru 277V) <i>10QS</i> 1 - 120V <i>10QS</i> 2 - 277V <i>10QS</i> 3 - 347V <i>Voltage pg. 4</i>	OL1 - Osram (10%, 0-10v, standard) <i>10QS</i> OL2 - Osram (1%, 0-10v) OL3 - Osram 347v (10%, 0-10v) EE1 - eldoLED Ecodrive (1%, 0-10v) EE3 - eldoLED Ecodrive (1%, DALI) PL2 - Philips Xitanium (1%, 0-10v) PS1 - Philips Xitanium (50%/100%) LH1 - Lutron Hi-lume (1%, EcoSystem) <i>10QS</i> LH3 - Lutron Hi-lume (1%, 3-wire) L51 - Lutron 5-Series (5%, EcoSystem) ND - Non-Dimming <i>Driver pg. 4</i>	1 - Single Circuit <i>10QS</i> M - Multi Circuit E - Emergency (entire fixture) <i>10QS</i> N - Night Light (entire fixture) <i>10QS</i> <i>Circuiting pg. 4</i>
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BATTERY & EMERGENCY ⁴	FINISH	FIXTURE OPTIONS	CONTROLS
0 - None <i>10QS</i> P - Philips Bodine 10W <i>10QS</i> I - Iota 10W Integral <i>10QS</i> IC - Iota 10W Integral CEC Listed E - Emergency Section N - Night Light Section L - Life Safety Section G - Philips Bodine GTD <i>Battery and Emergency pg. 4</i>	W - White <i>10QS</i> S - Metallic Silver BL - Textured Black BR - Bronze GR - Graphite CC - Custom Color <i>Finish pg. 5</i>	QS - QuickShip ⁵ <i>10QS</i> MRF - Fixed MR16 Halogen LMRF - Fixed MR16 LED CC-C - Custom Color Canopy <i>Fixture Options pg. 5</i>	<i>Pinnacle is able to accommodate different control solutions from different manufacturers. Consult Factory for more information.</i>

¹For Quickship CRI, CCT & Output see chart on page 5 ²Individual fixtures come in 2', 3', 4', 5', 6' & 8' lengths. Continuous row come in 1' increments. For Mod layouts specify pattern shape and overall dimensions. Example: L6x4: L pattern that is 6'x4'. ³Specify AC Cable: Standard single AC = AC or Movable AC = MAC; Specify AC length standard AC is 48"; Specify grid: G1=15/16", G9=9/16", G5=Screw Slot. Example: AC48G1 ⁴Enter quantity for Battery and Emergency, Example 2P. ⁵QS must be included at the end of the part number in order to qualify.



Direct Shielding

A	AL	HE	H	R
Satine Lens	Drop Lens <i>Individual fixtures only</i>	High Efficiency	Arched Regress	Flat Regress

Indirect Shielding

N
None

Output

- Specify either 80 or 90 CRI
- Longer lead-time may apply for 90 CRI. Consult factory.
- 80 CRI = R9≥19 and 90 CRI = R9≥61

Custom Output- Lumens OR Wattage

CL _____	Specify CRI, CCT and desired lumens (i.e. CL835500)	Specify lumens between standard offering listed below. Lumens are specified per color temp
CW _____	Specify CRI, CCT and desired wattage (i.e. CW9407)	Specify watts between standard offering listed below

80 CRI

	Color	Output	Watts per foot	Shielding									
				A Satine Lumens/ft	LPW	AL Drop Lumens/ft	LPW	HE High Efficiency Lumens/ft	LPW	H Arched Regress Lumens/ft	LPW	R Regressed Lumens/ft	LPW
830	3000K	Standard	4.6	335	72.9	401	87.2	394	85.7	296	64.3	354	76.9
830HO	3000K	High	8.6	612	71.0	739	85.7	727	84.3	540	62.6	646	74.9
835	3500K	Standard	4.6	345	75.0	413	89.7	406	88.2	304	66.2	364	79.1
835HO	3500K	High	8.6	630	73.0	760	88.1	748	86.8	555	64.4	664	77.0
840	4000K	Standard	4.6	352	76.4	421	91.4	413	89.8	310	67.4	371	80.6
840HO	4000K	High	8.6	642	74.4	775	89.8	763	88.4	566	65.6	677	78.5

90 CRI

927	2700K	Standard	4.6	265	57.6	317	68.9	312	67.7	234	50.8	280	60.8
927HO	2700K	High	8.6	484	56.1	584	67.7	575	66.6	426	49.4	510	59.1
930	3000K	Standard	4.6	309	67.2	370	80.4	364	79.1	273	59.3	326	70.9
930HO	3000K	High	8.6	564	65.4	681	79.0	670	77.7	498	57.7	595	69.0
935	3500K	Standard	4.6	311	67.6	371	80.7	365	79.3	274	59.6	328	71.3
935HO	3500K	High	8.6	566	65.6	684	79.3	673	78.0	500	58.0	598	69.3
940	4000K	Standard	4.6	314	68.3	376	81.7	369	80.2	277	60.2	331	72.0
940HO	4000K	High	8.6	573	66.4	691	80.1	681	79.0	505	58.6	604	70.0

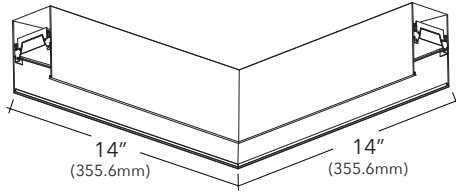
Length

- All individual units cannot be joined, end plates are factory installed and cannot be removed
- For Continuous Runs, add 1/4" (6.4mm) for each end plate or 1/2" (12.7mm) to the overall length of the row
- For patterns, refer to Pattern section on next page

2	3	4	5	6	8	—
Indiv. Fixture	Indiv. Fixture	Indiv. Fixture	Indiv. Fixture	Indiv. Fixture	Indiv. Fixture	Cont. Run Specify nominal overall row length to the 1'
24" (609.6mm)						
36" (914.4mm)						
48" (1219.2mm)						
60" (1524mm)						
72" (1828.8mm)						
96" (2438.4mm)						
Specify to the 1' >>>						

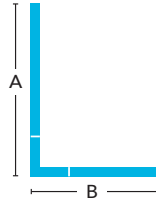
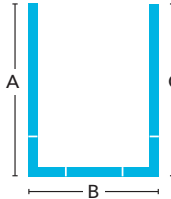
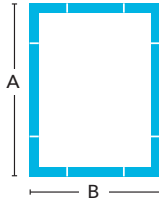
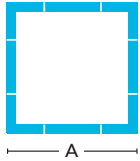


Pattern

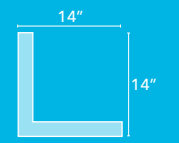


- Specify pattern shape and overall dimensions (includes corner dimensions)
- Refer to dimensions table below for available standard lengths
- All connectors are direct only
- 90 degree horizontal corners are 14"x14" (overall, outside dimension)
- Angles and shapes not shown require Mod Pattern; consult factory
- Only available with "A" and "HE" lens options

S_	R_x_	U_x_x_	L_x_	M
Square Provide A dimension Example: S4' Minimum Length- 4'4"x4'4"	Rectangle Provide AxB dimensions Example: R4'x8' Minimum Length- 4'4"x4'4"	U-Shape Provide AxBxC dimen- sions Example: U4'x8'x8' Minimum Length- 3'2"x4'4"x3'2"	L-Shape Provide AxB dimensions Example: L4'x8' Minimum Length- 3'2"x3'2"	Mod Layout For patterns or lengths not shown or standard



Horizontal Details

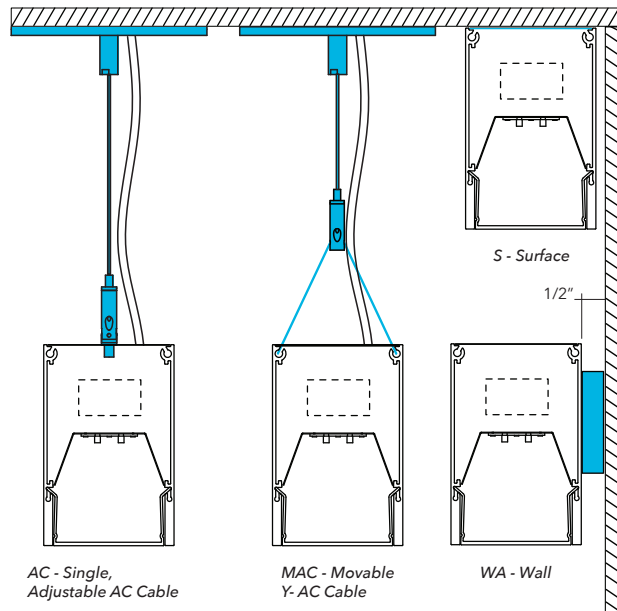


Mounting

- Specify cable length in ordering code (AC48G1)
- Standard 48" adjustable cable. Specify up to 350"
- End plates and power cord attached at factory
- Aircraft cable (AC) mounts on 4' (1219.2mm) and 8' (2438.4mm) centers
- Aircraft Cable supplied with 5" (127mm) power and 2" (50.8mm) non-power canopies

- Canopies are painted white unless otherwise specified
- Canopy color specified in fixture options section
- Approved for dry/damp location unless otherwise noted
- Refer to installation instructions during installation at the job site
- Maximum fixture weight is 20 lbs for a standard 4' fixture

AC_G1	Aircraft Cable 1" (15/16") T-Bar
AC_G9	Aircraft Cable 9/16" T-Bar
AC_GS	Aircraft Cable Screw Slot T-Bar
AC_JB	Aircraft Cable Junction Box
AC_ST	Aircraft Cable Structure
AC5_G	Aircraft Cable 5" (127mm) Non-Power Canopy
AC5_JB	Aircraft Cable 5" (127mm) Non-Power Canopy
SQ_G	Aircraft Cable 5" (127mm) Square Canopy
SQ_JB	Aircraft Cable 5" (127mm) Square Canopy
MAC_G1	Moveable AC 1" (15/16") T-Bar
MAC_G9	Moveable AC 9/16" T-Bar
MAC_GS	Moveable AC Screw Slot T-Bar
MAC_JB	Moveable AC Junction Box
MAC_ST	Moveable AC Structure
MAC5_G	Moveable AC 5" (127mm) Non-Power Canopy
MAC5_JB	Moveable AC 5" (127mm) Non-Power Canopy
MSQ_G	Moveable AC 5" (127mm) Square Canopy
MSQ_JB	Moveable AC 5" (127mm) Square Canopy
WA	Wall Mount
S	Surface Mount





Voltage

- Some EX3 configurations will not accommodate all voltage options; consult with factory

U	Universal
1	120 volt
2	277 volt
3	347 volt

Driver

- Standard Driver Option = OL1
- Driver Lifetime: 50,000 hours at 25°C ambient operating conditions
- For more driver options see Pinnacle Resource Guide
- Some EX3 configurations will not accommodate all driver options; consult with factory

OL1	Osram Optotronic 10%, 0-10v
OL2	Osram Optotronic 1%, 0-10v, nominal 1% dimming range
OL3	Osram Optotronic 347v 10%, 0-10v, requires 347v option
EE1	eldoLED ECOdrive 1%, 0-10v Logarithmic
EE3	eldoLED ECOdrive 1%, DALI Logarithmic
PL2	Philips Advance Xitanium 1%, 0-10v
PS1	Philips Advance Xitanium Step Dimming 50%/100%
LH1	Lutron Hi-lume Soft-on, Fade-to-black 1%, EcoSystem, LDE1
LH3	Lutron Hi-lume 1%, 3-wire, Lutron-L3DA3W
L51	Lutron 5-Series 5%, EcoSystem, LDE5
ND	Non-Dimming

How to specify Circuiting, Battery and Emergency

1

- Select fixture circuiting from options below
- Some EX3 configurations will not accommodate all circuiting options, consult with factory

Circuiting

1	Single Circuit
M	Multi Circuit
E	Emergency Circuit only
N	Night Light Circuit only

2

+

3

- Battery and emergency section options are available in addition to fixture circuit
- Select battery and emergency section options below; factory shop drawing required
- Some EX3 configurations will not accommodate all circuiting options, consult with factory

Battery and/or Emergency If Required

0	No battery or specific emergency section required
---	---------------------------------------------------

Battery

- Select battery section type if required, indicate total QTY. *Example 2P*
- 90 minute battery runtime; test button is remote to fixture and requires an additional drop
- No battery option available for 2' lengths
- Entire direct fixture housing is on battery for lengths up to 5'
- Half of direct fixture is on battery for 6' or 8' housing lengths
- For more battery options available, see Pinnacle Resource Guide

0	No battery
_P	Philips Bodine 10w Integral
_I	Iota 10w Integral
_IC	Iota 10w Integral <i>CEC Listed</i>

Emergency

- Select emergency section type if required, indicate total QTY. *Example 1E*
- Combine battery and emergency section ordering codes if both options are selected

_E	Emergency circuit section
_N	Night Light circuit section
_L	Life Safety circuit section NO THROUGH WIRE
_G	Philips Bodine GTD, Generator Transfer Device section

For Approximate Battery Lumen Output

- Multiply battery wattage X fixture LPW shown on Lumen Table
- $92.3 \text{ (LPW)} \times 10 \text{ (watts)} = 923 \text{ battery lumen output}$

Battery OR Emergency Ordering Examples

- Single circuit, 10w Integral Battery Ordering Code: 1-1P
- Emergency only, 10w Integral Battery Ordering Code: E-1P
- Single circuit, GTD required Ordering Code: 1-1G

Combination Section Ordering Examples

- Single circuit, (1) 10w battery, (1) emergency section Ordering Code: 1-1P1E
- Multi circuit, (2) 10w battery, (2) emergency sections Ordering Code: M-2P2E
- Single circuit, (1) night light section Ordering Code: 1-1N



Finish

- Standard powder-coat textured white, metallic silver, textured black, graphite or bronze painted finish; consult factory for chip of standard paint finishes
- Selecting a fixture finish other than white may impact lumen output; consult factory for more information

W	White
S	Metallic Silver
BL	Textured Black
GR	Graphite
BR	Bronze
CC	Custom Color

Fixture Options

- Additional options to enhance the fixture and finish of the product
- Consult factory for MR16 configurations
- Specify CC-C to match housing. If not specified, canopy will be standard matte white

QS	QuickShip
CC-C	Custom Canopy Color
MRF	Fixed MR16 Halogen
LMRF	Fixed MR16 LED

Quick Ship

Shielding	CRI, CCT & Output	Mounting		Voltage		Driver		Circuiting		Battery		Finish	
10-Day													
A	80 CRI, all color temperatures, all lumen packages See pg 2	(M)AC48G (M)AC48JB (M)AC48ST W S	(M)AC to Grid (M)AC to J-BOX (M)AC to Structure Wall Mount Surface MOUNT	U 1 2	Universal (120-277) 120V 277V	OL1 LH1	Osram 0-10v, 10% Lutron LDE1	1 E N	Single Circuit Emergency Night Light	_P _I	Philips Bodine 10w Integral Iota 10w Integral	W	White

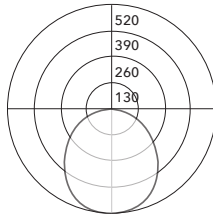
Controls

- Pinnacle is able to accommodate different control solutions from different manufacturers. Consult Factory for more information.

Photometrics

Satine Lens

Test #	ITL86382
Catalog #	EX3-A-N-840-4
Lumens	1406 lm
Watts	18.4 W
Efficacy	76 LPW



Candela Distribution

Vert Angle	Horizontal Angle				
	0	22.5	45	67.5	90
0	520	520	520	520	520
5	517	516	515	515	515
10	510	505	505	504	504
15	496	492	491	490	488
20	479	471	472	470	468
25	455	446	447	444	441
30	428	419	419	415	413
35	397	389	388	384	382
40	363	357	355	351	348
45	327	321	320	316	315
50	290	285	284	279	279
55	252	249	247	243	243
60	214	210	209	206	206
65	175	172	170	168	168
70	138	135	132	131	131
75	100	98	97	96	96
80	64	62	61	61	61
85	32	31	30	29	29
90	0	0	0	0	0

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	5080	4970	4891
55	4819	4722	4644
65	4555	4422	4369
75	4238	4108	4065
85	3981	3724	3595



Applications & Certificates

Construction: 6063-T5 Extruded aluminum housing. Highly reflective die-formed white painted reflector.

Shielding: Diffuse snap-in acrylic lens, removable for maintenance.

Mounting: Aircraft cable and wall mount available. Select from 2 aircraft cable options. Select the straight aircraft cable that mounts on 4'-0" (1219.2mm) and 8'-0" (2438.4mm) centers or the moveable adjustable Y-cable mount. The Y-Cable design allows for adjustable mounting locations. Aircraft Cable supplied with 5" (127mm) power and 2" (50.8mm) non-power canopies. Refer to installation instructions for appropriate ceiling detail. Canopies are painted white unless otherwise specified. Maximum fixture weight is 20 lbs. for a standard 4' fixture.

LED: 25°C test environment. Lumen output/wattage has a margin of +/- 5%. All luminaire configurations tested in accordance with IES LM-79. Diodes tested in accordance with IES LM-80. Minimum lifetime greater than 60,000 hours. L70 = 136,200 hours and L90 = 41,100 hours. MacAdam 3-Step Ellipses. Not all products are Lighting Facts listed. For all available IES files, please visit our website at pinnacle-ltg.com.

CRI, CCT & Output: Two lumen packages available. Standard and High (HO). Custom outputs are available. Specify custom lumens or watts between standard offering listed on CRI, CCT & Output page. 80 CRI is available for 3000K, 3500K, and 4000K. 90 CRI is available for 2700K, 3000K, 3500K, and 4000K. 80 CRI = R9≥19 and 90 CRI = R9≥61.

Voltage: Universal (U), 120 volt (1), 277 volt (2) and 347 volt (3) options available. Must specify OL3 in Driver section when 347 volt (3) is selected. Some EX configurations will not accommodate all voltage options; consult with factory.

Driver: Standard Driver Option is Osram 0-10V, 10% = OL1. Electronic driver, Power factor is >0.9 with a THD <20%. Driver Lifetime: 50,000 hours at 25°C ambient operating conditions. Ambient operating range: -20°F/-30°C to 120°F/49°C. For more driver options, see Pinnacle Resource Guide. Some EX configurations will not accommodate all driver options.

Circuiting: Select from single circuit (1), Multi circuit (M), Emergency circuit (E) or Night Light circuit (N). For emergency circuiting situations that require no through wire or circuit separation, Life Safety Circuit should be selected. This will provide a separate power feed and only the Life Safety Circuit in that section. Some EX configurations will not accommodate all circuiting options, consult with factory.

Battery & Emergency: Select battery or emergency options if required. If battery or emergency option is not required, enter 0. Battery duration is 90 minutes as standard. Test button is remote to fixture. For more Battery options, see Pinnacle Resource Guide.

Finish: Standard powder-coat textured white, metallic silver, textured black, graphite or bronze painted finish; consult factory for chip of standard paint finishes. Canopies painted white unless specified differently in the options section of the part number. Contact factory for additional custom color and finish options.

MR16: Ideal for conference rooms, corridors, wall washing, retail spaces and training facilities where accent lighting is required. Fully enclosed compartment eliminates light from entering into our fixture areas. For LED and Halogen lamps (lamps are not included). Consult factory for other lamp types. Standard 60 watt max LED electronic transformer (120v or 277v), 50 watt max halogen lamp electronic transformer (120v or 277v), MR16 installed as an independent circuit. MR16 to match fixture voltage. 277v dimmer must be sourced. Consult factory for MR16 configurations.

Controls: Consult factory.

Labels: UL and cUL Listed. Standard and HO lumen packages are approved for dry/damp location unless otherwise noted.

Fixture Weight: Maximum fixture weight is 20 lbs. for a standard 4' fixture.

Buy American Act Compliant

Warranty: EX LED offered with a 5-year limited warranty. Covers LED, driver and fixture.



WILMINGTON INTERNATIONAL AIRPORT (ILM)

1740 AIRPORT BLVD.

WILMINGTON, NC 28405

SPACE: A, B, C - BOARDING LEVEL, ZONE 1

60% SUBMITTAL

- FURNITURE

Project Name: ILM – Dunkin’/Jimmy John’s/The Market @ ILM

Item: C-1

Location: Concourse

Vendor / Contact: George Agcaoili

T: 310-307-0239 / E: GEORGE@CONTRACTFURNITURE.COM

Manufacturer: Contract Furniture

Model #: Pesaro Side Chair

Size: 32.5”H x 19”W x 16.5”D x 19”SH

Color / Finish: Pewter Metal Frame with COM (FB-1) Symphony Classic Collection, Reef SCL-111

Comments:



Project Name: ILM – Dunkin’/Jimmy John’s/The Market @ ILM

Item: TB-1

Location: Concourse

Vendor / Contact: George Agcaoili

T: 310-307-0239 / E: GEORGE@CONTRACTFURNITURE.COM

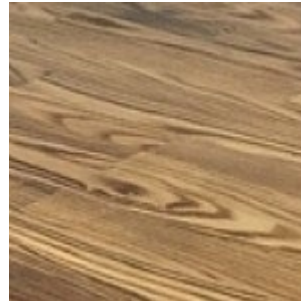
Manufacturer: Contract Furniture

Model #: 24” x 30” Dining Table

Size: 24”W x 30”D x 28”H

Color / Finish: 24"x30" ANTIQUE ASH TABLETOP WITH LIGHT FLAME FINISH, EASED EDGES AND CORNERS, 17" ROUND TABLE BASE, 28" OVERALL HEIGHT, FINISH: BLACK

Comments:



Project Name: ILM – Dunkin’/Jimmy John’s/The Market @ ILM

Item: TB-2

Location: Concourse

Vendor / Contact: George Agcaoili

T: 310-307-0239 / E: GEORGE@CONTRACTFURNITURE.COM

Manufacturer: Contract Furniture

Model #: 30” x 48” Dining Table

Size: 48”W x 30”D x 28”H

Color / Finish: 30"x48" ANTIQUE ASH TABLETOP WITH LIGHT FLAME FINISH, EASED EDGES AND CORNERS, 2900 SERIES CROSS BASE, 28" OVERALL HEIGHT, FINISH: BLACK

Comments:





WILMINGTON INTERNATIONAL AIRPORT (ILM)

1740 AIRPORT BLVD.

WILMINGTON, NC 28405

SPACE: A, B, C - BOARDING LEVEL, ZONE 1

60% SUBMITTAL

- MISCELLANEOUS

Specification

QM-H Series Digital Signage (QM49H)

Series Name

Series Name

QM49H

Display

Screen Size

49"

Aspect Ratio

16:9

Viewing Angle (H/V)

178/178

Connectivity

Input

RGB: DVI-D, Display Port 1.2 (1)

VIDEO: HDMI 2.0 (2)

HDCP: HDCP2.2

AUDIO: Stereo mini Jack, DVI, HDMI

USB: USB 2.0 x 2

Sensor

IR

Power

Power Supply

AC 100 - 240 V~ (+/- 10 %), 50/60

Hz

Features

Special

Hardware: Temperature Sensor,

Pivot Display, Clock Battery (168hrs

Clock Keeping), Videowall Daisy

Panel Technology

60Hz E-LED BLU

Brightness

500nit

Response Time

8ms

Output

RGB: HDMI 2.0 (Loop-out)

AUDIO: Stereo mini Jack

Resolution

3840x2160

Contrast Ratio (Typical)

4000:1

External Control

RS232C(in/out), RJ45

Power Consumption (Typical/Max)

101W (Typical) / 154W (Max)

Power Consumption (Standby)

less than 0.5W

SMART Signage Platform

Yes

24/7 Operation

Yes



Clock Keeping), Videowall Daisy Chain (HDCP2.2: 4EA, HDCP1.4: 7EA), IP5x, Wi-Fi/BT

Software: Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot key option, Plug & Play (Initial Setting)

Wi-Fi

Yes

Built-in Speakers

2 (10W + 10W)

Dimensions

Without Stand (W x H x D)

43.28" x 24.9" x 1.4"

Packaging (W x H x D)

47" x 28.4" x 7"

Bezel Width

11.0mm (Top) /11.0mm (Side) / 12.0mm (Bottom)

Weight

Product Weight

30.2 lbs

Package Weight

41 lbs

Accessories

Included in Box

Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries

Optional Wall Mount Kit

WMN4270SD

Optional Stand

STN-L4655E

Optional Media Player

SBB

Mechancial Specs

VESA Mount

400x400

Operation

Operating Temperature

32F~ 104F

Operating Humidity

10~80%

