Project _____

Item # _____

Quantity _____

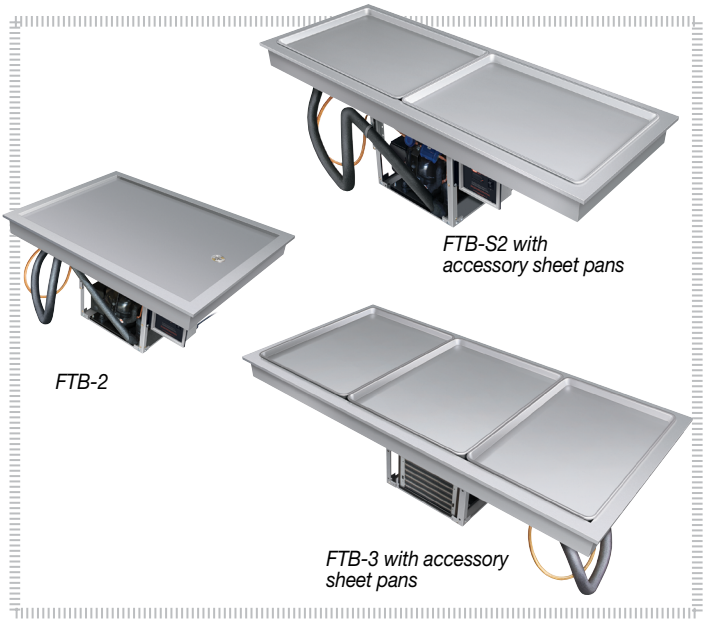
Drop-In Frost Tops

Models: FTB-1, -2, -3, -S2, -S3

Hatco Drop-in Frost Tops keep pre-chilled beverages, snacks, hors d'oeuvres and side dishes cool and ready to serve. Also available in a Slim Line Series, providing wider access to your customer, regardless of the sneeze guards.

Standard features

- Available in 1-, 2- and 3-pan models, as well as 2- and 3-pan slim configurations
- Accommodates full-size and half-size sheet pans
- NSF 7 approved cold wall construction utilizes a refrigerant that keeps food product cold without drying it out
- Condenser utilizes R-513A refrigerant
- Auto-defrost is activated through an advanced electronic controller programmed at the customer location
- 1" NPT brass drain (excluding FTB-1)
- Matches the Hatco line of Heated Wells for an integrated look
- The condensing unit, mounted on the center of the unit, rotates 180° (movable in some models)
- Electronic adjustable temperature control is available to mount on either side of the condensing unit or remotely mounted up to 4' (1219 mm) from the unit (cannot be mounted over the condensing coil)
- Mobile condensing unit can be moved in 3" (76 mm) increments in the FTB-2 and 6.5" (165 mm) increments in the FTB-3, -S2, -S3 (see drawing on page 2)
- Long, flexible refrigerant line (ability to pull out condensing unit) for service



Options (available at time of purchase only)

☐ Additional Four-Year Parts Only Warranty on Compressor (not available for export voltages)

Accessories

☐ Half-Size Pan (18"W x 13"D [457 x 330 mm])

☐ Full-Size Pan (18"W x 26"D [457 x 660 mm])

For operation, location and safety information, please refer to the Installation and Operating Manual.

HATCO CORPORATION | P.O. Box 340500 Milwaukee, WI 53234-0500 U.S.A. | (414) 671-6350

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Drop-In Frost Tops

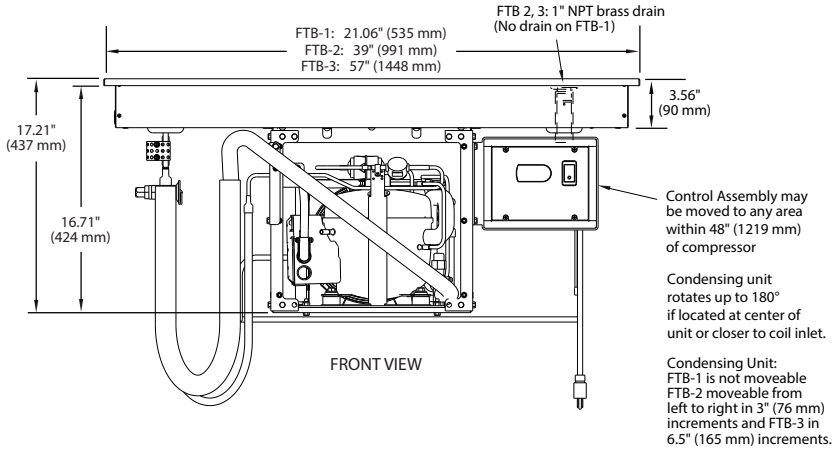
Models: FTB-1, FTB-2, FTB-3, FTB-S2, FTB-S3

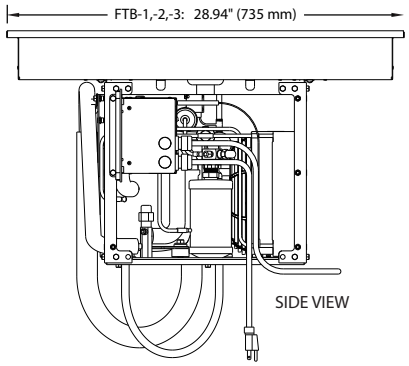
Ordering Instructions:

Please specify the following with each order:

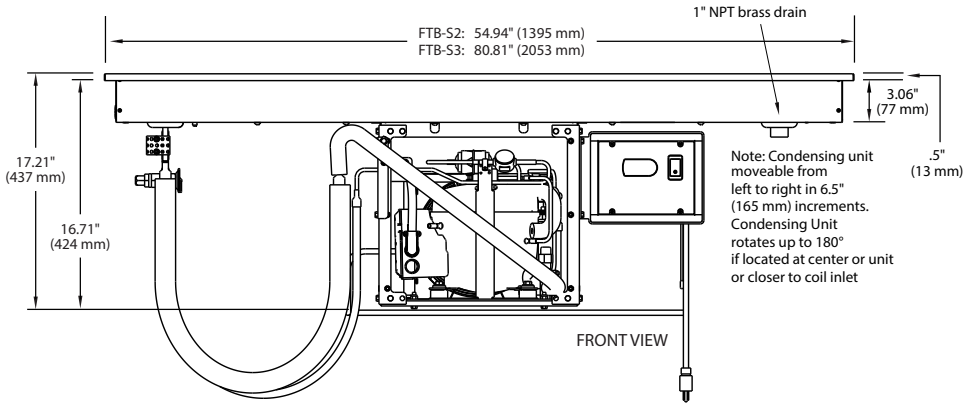
1. **Desired Voltage:**
   120 or 220-240V
2. **Number of Full-Size Sheet Pans Accommodated:**
   1-, 2-, 3-pan as rectangular, sheet pans with Slim or Standard configuration

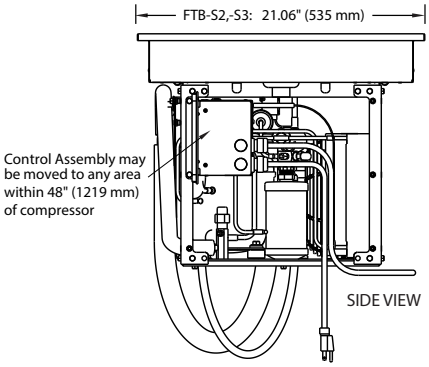
Model FTB-1, -2, -3

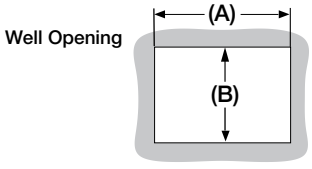




Model FTB-S2, -S3







Cutout Dimensions for Drop-In Frost Tops

Model	Minimum Width (A)	Maximum Width (A)	Minimum Depth (B)	Maximum Depth (B)
FTB-1	19.44" (494 mm)	20.125" (511 mm)	27.44" (697 mm)	28" (711 mm)
FTB-2	37.375" (949 mm)	38" (965 mm)	27.31" (694 mm)	
FTB-3	55.375" (1407 mm)	56" (1422 mm)		
FTB-S2	53.31" (1354 mm)	54" (1372 mm)	19.44" (494 mm)	20.125" (511 mm)
FTB-S3	79.19" (2011 mm)	79.875" (2029 mm)		

Drop-In Frost Tops

Models: FTB-1, FTB-2, FTB-3, FTB-S2, FTB-S3

SPECIFICATIONS
Drop-In Frost Tops

The shaded areas contain electrical information for International models

Model†	Dimensions (Width x Depth x Height)	Voltage	HZ	HP Compressor Size	Watts	Amps	Phase	Plug	Total Heat of Rejection (BTU/Hr)	Ship Weight
FTB-1	21.06" x 28.94" x 17.21" (535 x 735 x 437 mm)	120	60	1/5	300	3.8	Single	NEMA 5-15P	1288	132 lbs. (60 kg)
		220/230/240	50	1/3	1089/1190/1296	5.0/5.2/5.4		BS-1363, CEE 7/7, AS 3112	–	
			60		1129/1234/1344	5.1/5.4/5.6		BS-1363, CEE 7/7	–	
FTB-2	39" x 28.94" x 17.21" (991 x 735 x 437 mm)	120	60	1/5	300	3.8		NEMA 5-15P	1528	170 lbs. (77 kg)
		220/230/240	50	1/3	1089/1190/1296	5.0/5.2/5.4		BS-1363, CEE 7/7, AS 3112	–	
			60		1129/1234/1344	5.1/5.4/5.6		BS-1363, CEE 7/7	–	
FTB-3	57" x 28.94" x 17.21" (1448 x 735 x 437 mm)	120	60	1/5	300	3.8		NEMA 5-15P	1768	213 lbs. (97 kg)
		220/230/240	50	1/3	1089/1190/1296	5.0/5.2/5.4		BS-1363, CEE 7/7, AS 3112	–	
			60		1129/1234/1344	5.1/5.4/5.6		BS-1363, CEE 7/7	–	
FTB-S2	54.94" x 21.06" x 17.21" (1395 x 535 x 437 mm)	120	60	1/5	300	3.8		NEMA 5-15P	1528	182 lbs. (83 kg)
		220/230/240	50	1/3	1089/1190/1296	5.0/5.2/5.4		BS-1363, CEE 7/7, AS 3112	–	
			60		1129/1234/1344	5.1/5.4/5.6		BS-1363, CEE 7/7	–	
FTB-S3	80.81" x 21.06" x 17.21" (2053 x 535 x 437 mm)	120	60	1/5	300	3.8		NEMA 5-15P	1768	239 lbs. (108kg)
		220/230/240	50	1/3	1089/1190/1296	5.0/5.2/5.4		BS-1363, CEE 7/7, AS 3112	–	
			60		1129/1234/1344	5.1/5.4/5.6		BS-1363, CEE 7/7	–	

† Models shipped with electronic temperature control, condensing unit includes a compressor and filter-drier, along with a sight glass, service valves and receiver.

R-513A REFRIGERANT OPERATING SPECIFICATIONS IN 75°F (24°C) AMBIENT

Refer to the Installation section in the Installation and Operating Manual on the Hatco website

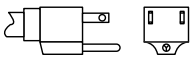
- Suction Pressure: 6-9 PSIG (0.4-0.6 Bar)
- Discharge Pressure : 115-125 PSIG (7.9-8.6 Bar)
- Superheat: 4-10° F
  FTB-1, -2, -3: (2.2-5.6° C)
- Subcooling: 5-10° F
  FTB-1, -2, -3: (2.8-5.6° C)

RECOMMENDED FACTORY FILL RATES for R-513A REFRIGERANT

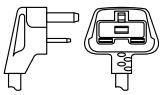
Model	Fill Weight	Model	Fill Weight
FTB-1	1 lb. 3 oz. (0.539 kg)	FTB-S2	1 lb. 7 oz. (0.652 kg)
FTB-2	1 lb. 7 oz. (0.652 kg)	FTB-S3	1 lb. 8 oz. (0.680 kg)
FTB-3	1 lb. 8 oz. (0.680 kg)		

PLUG CONFIGURATIONS

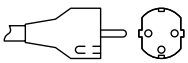
NEMA 5-15P



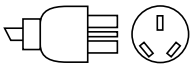
BS 1363



CEE 7-7 SCHUKO



AS 3112



PRODUCT SPECS
Drop-In Frost Tops

The Drop-In Frost Top shall be a Model ... as manufactured by the Hatco Corporation, Milwaukee, WI 53234 U.S.A.

The Frost Top shall be rated at ... watts, ... volts and be ... inches (millimeters) in overall width. It shall utilize R-513A refrigerant and consist of aluminized steel housing, electronic temperature control and a condensing unit which includes a compressor and filter-drier, along with a sight glass, service valves and receiver.

Accessories may include sheet pans.

Warranty consists of 24/7 parts and service assistance (U.S. and Canada only).