



Project _____
Item # _____
Quantity _____

R-290 Hot/Cold Built-In Flush Top Shelves

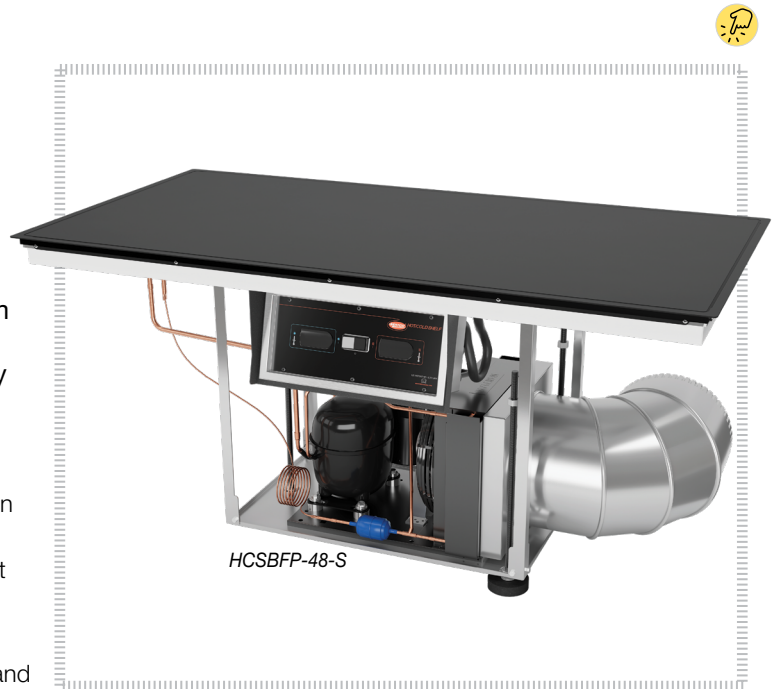
Models:

HCSBFP-24-F, -24-I, -24-S, -36-F, -36-I, -36-S, -48-F, -48-I, -48-S

Maximize merchandising flexibility and simplify daypart transitions with Hatco's R-290 Hot/Cold Built-In Flush Top Shelves. Designed to serve both hot and chilled foods from a single footprint, these versatile shelves help operators create streamlined, cohesive food displays across a variety of serving applications.

Standard features

- Shelves transition from hot mode to cold mode – or vice versa – in as little as 30 minutes
- Condensing unit utilizes environmentally friendly R-290 refrigerant
- Patented thermal break reduces condensation and temperature transfer on adjacent surfaces
- Remote-mountable control box includes a power On/Off switch and two digital temperature controllers
- Condensing unit connects to the evaporator coil with a flexible tubing assembly
- Include a 4' (1219 mm) power cord between the control box and condensing unit, plus a 6' (1829 mm) power cord and plug to power the entire unit
- Models have a foodsafe hardcoat aluminum surface with insulated stainless steel and aluminized housing and are designed to be top mounted



Options (available at time of purchase only)

Condenser Location Beneath Unit

(HCSBFP-24-F, -24-I & -24-S Units are Center Aligned Only)

- ☐ Left-Aligned Condenser (Standard) ☐ Center-Aligned Condenser
- ☐ Additional four year parts only warranty on the compressor available at time of purchase (U.S. and Canada only)

NOTE: Install Remote Box outside Heat Zone or damage will occur.



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



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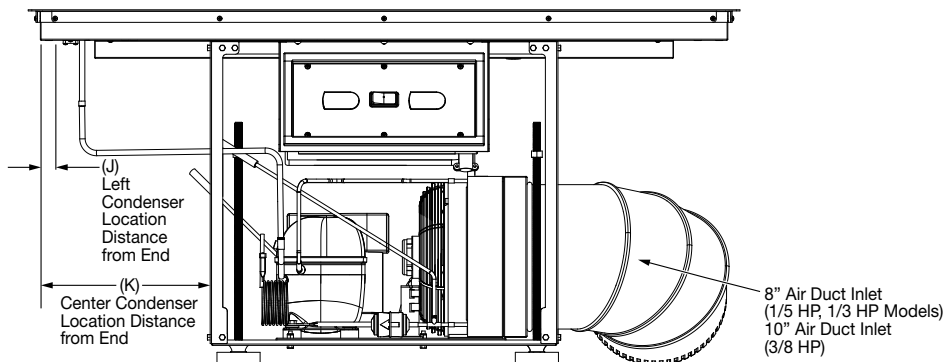
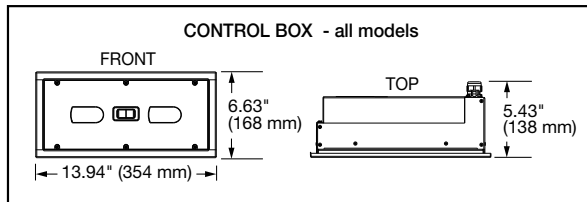
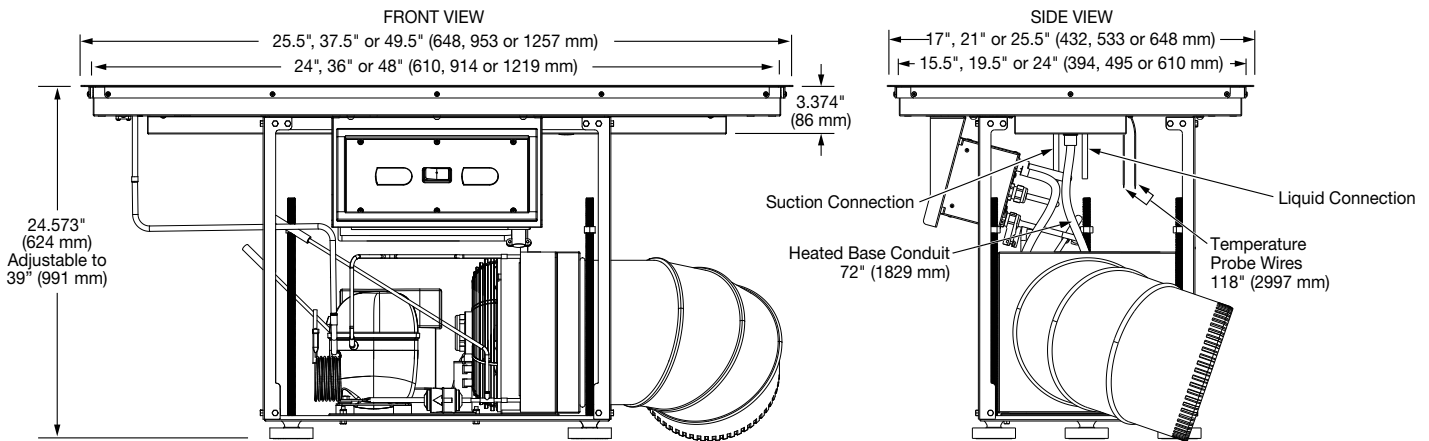
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R-290 Hot/Cold Built-In Flush Top Shelves

Models: HCSBFP-24-F, -24-I, -24-S, -36-F, -36-I, -36-S, -48-F, -48-I, -48-S

HCSBFP



R-290 Condenser Location on R-290 Hot/Cold Built-In Flush Top Shelves

Model	(J) Left Condenser Distance from the Left Side	(K) Center Condenser Distance from the Left Side
HCSBFP-24-F	N/A	.81" (21 mm)
HCSBFP-24-I	N/A	.81" (21 mm)
HCSBFP-24-S	N/A	.81" (21 mm)
HCSBFP-36-F	3.16" (80 mm)	5.81" (148 mm)
HCSBFP-36-I	3.16" (80 mm)	5.81" (148 mm)
HCSBFP-36-S	.91" (302 mm)	5.81" (148 mm)
HCSBFP-48-F	3.16" (80 mm)	11.81" (300 mm)
HCSBFP-48-I	3.16" (80 mm)	11.81" (300 mm)
HCSBFP-48-S	.91" (302 mm)	11.81" (300 mm)





R-290 Hot/Cold Built-In Flush Top Shelves

Models: HCSBFP-24-F, -24-I, -24-S, -36-F, -36-I, -36-S, -48-F, -48-I, -48-S

SPECIFICATIONS

R-290 Hot/Cold Built-In Flush Top Shelves

The shaded areas contain electrical information for International models

Model	Overall Shelf Dimensions W x D x H	Usable Shelf Space W x D of heated/cooled surface	Comp. Size HP	Volts ⚡	Cold Side Watts	Hot Side Watts	Amps	Hz	Total Heat of Rejection (BTU/Hr)	Approx. Ship Weight
HCSBFP-24-F	25.5" x 17" x 18.57" (648 x 432 x 624 mm)	24" x 15.5" (610 x 394 mm)	1/5	120	345	355	5.2	60	1852	110 lbs. (50 kg)
			1/3	220	333	325	3.0	50	2026	
				230	364	355	3.2			
				240	396	387	3.3			
				220	333	325	3.0	60	2026	
				230	364	355	3.2			
				240	396	387	3.3			
HCSBFP-24-I	25.5" x 21" x 18.57" (648 x 533 x 624 mm)	24" x 19.5" (610 x 495 mm)	1/5	120	345	445	5.2	60	1992	126 lbs. (57 kg)
			1/3	220	333	407	3.0	50	2166	
				230	364	445	3.2			
				240	396	485	3.3			
				220	333	407	3.0	60	2166	
				230	364	445	3.2			
				240	396	485	3.3			
HCSBFP-24-S	25.5" x 25.5" x 18.57" (648 x 648 x 624 mm)	24" x 24" (610 x 610 mm)	1/5	120	345	550	5.2	60	2150	142 lbs. (64 kg)
			1/3	220	333	503	3.0	50	2324	
				230	364	550	3.2			
				240	396	599	3.3			
				220	333	503	3.0	60	2324	
				230	364	550	3.2			
				240	396	599	3.3			
HCSBFP-36-F	37.5" x 17" x 18.57" (953 x 432 x 624 mm)	36" x 15.5" (914 x 394 mm)	1/5	120	345	530	5.2	60	2123	138 lbs. (63 kg)
			1/3	220	333	485	3.0	50	2297	
				230	364	530	3.2			
				240	396	577	3.3			
				220	333	485	3.0	60	2297	
				230	364	530	3.2			
				240	396	577	3.3			
HCSBFP-36-I	37.5" x 21" x 18.57" (953 x 533 x 624 mm)	36" x 19.5" (914 x 495 mm)	1/3	120	440	670	6.5	60	2609	157 lbs. (71 kg)
			3/8	220	333	613	3.0	50	2459	
				230	364	670	3.2			
				240	396	730	3.3			
			1/3	220	333	613	3.0	60	2459	
				230	364	670	3.2			
				240	396	730	3.3			
HCSBFP-36-S	37.5" x 25.5" x 18.57" (953 x 648 x 624 mm)	36" x 24" (914 x 610 mm)	1/3	120	440	825	6.9	60	2821	186 lbs. (84 kg)
			3/8	220	333	755	3.0	50	2671	
				230	364	825	3.2			
				240	396	898	3.3			
			1/3	220	333	755	3.0	60	2671	
				230	364	825	3.2			
				240	396	898	3.3			
HCSBFP-48-F	49.5" x 17" x 18.57" (1257 x 432 x 624 mm)	48" x 15.5" (1219 x 394 mm)	1/3	120	440	710	6.5	60	2664	165 lbs. (75 kg)
			3/8	220	333	650	3.0	50	2514	
				230	364	710	3.2			
				240	396	773	3.3			
			1/3	220	333	650	3.0	60	2514	
				230	364	710	3.2			
				240	396	773	3.3			
HCSBFP-48-I	49.5" x 21" x 18.57" (1257 x 533 x 624 mm)	48" x 19.5" (1219 x 495 mm)	1/3	120	440	890	7.4	60	2915	198 lbs. (90 kg)
			3/8	220	333	814	3.0	50	2765	
				230	364	890	3.2			
				240	396	969	3.3			
			1/3	220	333	814	3.0	60	2765	
				230	364	890	3.2			
				240	396	969	3.3			
HCSBFP-48-S	49.5" x 25.5" x 18.57" (1257 x 648 x 624 mm)	48" x 24" (1219 x 610 mm)	5/8	120	560	1100	9.3	60	4318	204 lbs. (93 kg)
			1/2	220	454	1006	4.6	50	4250	
				230	496	1100	4.8			
				240	540	1198	5.0			
			5/8	220	484	1006	4.6	60	4373	
				230	529	1100	4.8			
				240	576	1198	5.0			

✓ All voltages non-CE

HATCO CORPORATION

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R-290 Built-In Flush Top Hot/Cold Shelves

Models: HCSBFP-24-F, -24-I, -24-S, -36-F, -36-I, -36-S, -48-F, -48-I, -48-S

R-290 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: 12-23 PSIG (0.82-1.6 Bar)
- Discharge Pressure : 130-180 PSIG (8.9-12.4 Bar)
- Superheat: 4-50° F (2.2 to 28°C)
- Subcooling: 4-10° F (2.2 to 5.6°C)

FACTORY FILL RATES for R-290 REFRIGERANT

Model	Fill Weight
HCSBFP-24-F	2.9 oz. (0.082 kg)
HCSBFP-24-I	3.0 oz. (0.085 kg)
HCSBFP-24-S	3.1 oz. (0.088 kg)
HCSBFP-36-F	3.1 oz. (0.088 kg)
HCSBFP-36-I	2.7 oz. (0.077 kg)
HCSBFP-36-S	2.8 oz. (0.079 kg)
HCSBFP-48-F	2.7 oz. (0.077 kg)
HCSBFP-48-I	2.9 oz. (0.082 kg)
HCSBFP-48-S	4.2 oz. (0.119 kg)

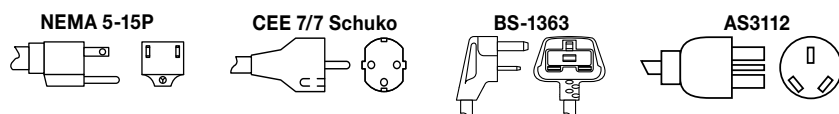
COUNTERTOP CUTOUT SIZE



See Installation and Operating Manuals for more information

Model	Width		Depth	
	Minimum	Maximum	Minimum	Maximum
HCSBFP-24-F	24.6" (625 mm)	25" (635 mm)	16.1" (409 mm)	16.5" (419 mm)
HCSBFP-24-I	24.6" (625 mm)	25" (635 mm)	20.1" (511 mm)	20.5" (521 mm)
HCSBFP-24-S	24.6" (625 mm)	25" (635 mm)	24.6" (625 mm)	25" (635 mm)
HCSBFP-36-F	36.6" (930 mm)	37" (940 mm)	16.1" (409 mm)	16.5" (419 mm)
HCSBFP-36-I	36.6" (930 mm)	37" (940 mm)	20.1" (511 mm)	20.5" (521 mm)
HCSBFP-36-S	36.6" (930 mm)	37" (940 mm)	24.6" (625 mm)	25" (635 mm)
HCSBFP-48-F	48.6" (1234 mm)	49" (1245 mm)	16.1" (409 mm)	16.5" (419 mm)
HCSBFP-48-I	48.6" (1234 mm)	49" (1245 mm)	20.1" (511 mm)	20.5" (521 mm)
HCSBFP-48-S	48.6" (1234 mm)	49" (1245 mm)	24.6" (625 mm)	25" (635 mm)
All Models		Width	Height	
Control Box Cut Out Dimensions		13.125" (333 mm)	5.625" (143 mm)	

PLUG CONFIGURATION



PRODUCT SPECS

R-290 Hot/Cold Built-In Flush Top Shelves

The patented, R-290 Hot/Cold Built-In Flush Top Shelves shall be model ... as manufactured by the Hatco Corporation, Milwaukee, WI 53234 U.S.A.

The R-290 Hot/Cold Built-In Flush Top Shelf model shall be rated at ... watts, ... volts, and ... inches (millimeters) in overall width. It shall consist of an insulated stainless steel and aluminized housing with a foodsafe hardcoat aluminum material surface. The condensing unit shall utilize R-290 refrigerant and be connected to an evaporator

coil with a flexible tubing assembly. Unit shall also utilize a remote-mountable control box consisting of a power On/Off switch, two digital temperature controllers, a 4' (1219 mm) power cord connected to the condensing unit, and a 6' (1829 mm) power cord and plug supplying power to the entire unit.

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

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