



Project _____
Item # _____
Quantity _____

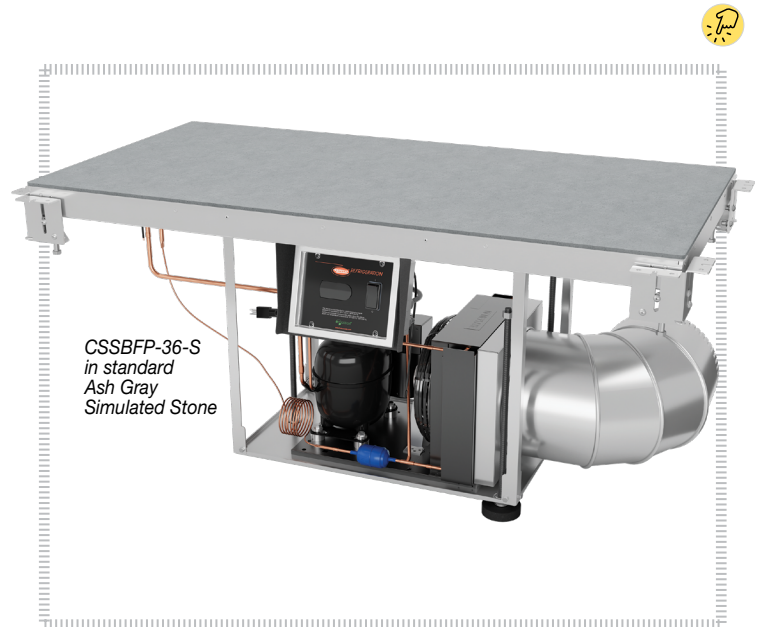
R-290 Cold Built-In Flush Top Simulated Stone Shelves

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

Hatco's R-290 Cold Built-In Flush Top Simulated Stone Shelves are designed to keep your products in the perfect chill zone using environmentally friendly R-290 refrigerant. They are a must for buffet lines in cafeterias, restaurants and much more! These sturdy, foodsafe shelves are available in three attractive simulated stone colors.

Standard features

- CSSBFP condenser utilizes environmentally friendly R-290 refrigerant
- Patented thermal break reduces condensation and temperature transfer on adjacent surfaces
- All units have an Electronic Temperature Control Box with a 4' (1219 mm) lead wire (Standard)
- Control box can be mounted on the front of the cabinet, 4' (1219 mm) from center of shelf
- All models are bottom mount units, flush to countertop
- All models not available with CE Mark
- Models with simulated stone finishes are Swanstone®



Options (available at time of purchase only)

Simulated Stone Finishes – Swanstone – Ash Gray Standard –
Non-standard colors are non-returnable
☐ Birch ☐ Ice

Condenser Location Beneath Unit
(CSSBFP-24-F, -24-I & -24-S Units are Center Aligned Only)
☐ Left-Aligned Condenser (Standard) ☐ Center-Aligned Condenser



For colors and finishes, please refer to the Color Chip Chart.



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



(For 120V only)

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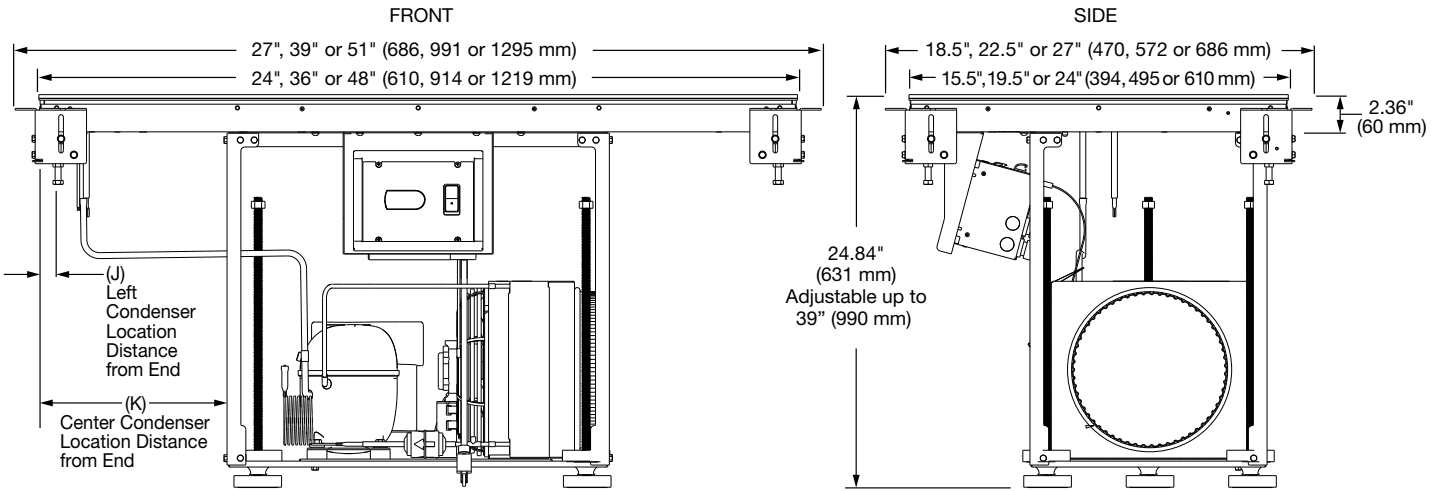
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R-290 Cold Built-In Flush Top Simulated Stone Shelves

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

CSSBFP



R-290 Condenser Location on Cold Built-In Flush Top Simulated Stone Shelves

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

CUTOUT DIMENSIONS

[Refer to the Installation and Operating Manual for more information.](#)

Model	Width	Depth
	with 0.375" (10 mm) radii	with 0.375" (10 mm) radii
CSSBFP-24F	24.375" (619 mm)	15.875" (403 mm)
CSSBFP-24-I	24.375" (619 mm)	19.875" (505 mm)
CSSBFP-24-S	24.375" (619 mm)	24.375" (619 mm)
CSSBFP-36-F	36.375" (924 mm)	15.875" (403 mm)
CSSBFP-36-I	36.375" (924 mm)	19.875" (505 mm)
CSSBFP-36-S	36.375" (924 mm)	24.375" (619 mm)
CSSBFP-48-F	48.375" (1229 mm)	15.875" (403 mm)
CSSBFP-48-I	48.375" (1229 mm)	19.875" (505 mm)
CSSBFP-48-S	48.375" (1229 mm)	24.375" (619 mm)

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R-290 Cold Built-In Flush Top Simulated Stone Shelves

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

SPECIFICATIONS

R-290 Cold Built-In Flush Top Simulated Stone Shelves

The shaded areas contain electrical information for International models

Model	Overall Dimension [‡] W x D x H	Usable Shelf Space W x D of cooled surface	Compressor Size HP	Voltage*	Watts	Amps	Hz	Plug	Total Heat of Rejection (BTU/Hr)	Approx. Ship Weight
CSSBFP-24-F	27" x 18.5" x 24.84" (686 x 470 x 631 mm)	24" x 15.5" (610 x 394 mm)	1/5	120	345	5.2	60	NEMA 5-15P	1852	114 lb. (52 kg)
			1/3	220	333	3.0	50	CEE 7-7 Schuko, BS-1363, AS3112	2026	
				230	364	3.2				
				240	396	3.3				
				220	333	3.0	60	CEE 7-7 Schuko BS-1363	2026	
				230	364	3.2				
240	396	3.3								
CSSBFP-24-I	27" x 22.5" x 24.84" (686 x 572 x 631 mm)	24" x 19.5" (610 x 495 mm)	1/5	120	345	5.2	60	NEMA 5-15P	1992	124 lb. (56 kg)
			1/3	220	333	3.0	50	CEE 7-7 Schuko, BS-1363, AS3112	2166	
				230	364	3.2				
				240	396	3.3				
				220	333	3.0	60	CEE 7-7 Schuko BS-1363	2166	
				230	364	3.2				
240	396	3.3								
CSSBFP-24-S	27" x 27" x 24.84" (686 x 686 x 631 mm)	24" x 24" (610 x 610 mm)	1/5	120	345	5.2	60	NEMA 5-15P	2150	134 lb. (61 kg)
			1/3	220	333	3.0	50	CEE 7-7 Schuko, BS-1363, AS3112	2324	
				230	364	3.2				
				240	396	3.3				
				220	333	3.0	60	CEE 7-7 Schuko BS-1363	2324	
				230	364	3.2				
240	396	3.3								
CSSBFP-36-F	39" x 18.5" x 24.84" (991 x 470 x 631 mm)	36" x 15.5" (914 x 394 mm)	1/5	120	345	5.2	60	NEMA 5-15P	2123	143 lb. (65 kg)
			1/3	220	333	3.0	50	CEE 7-7 Schuko, BS-1363, AS3112	2297	
				230	364	3.2				
				240	396	3.3				
				220	333	3.0	60	CEE 7-7 Schuko BS-1363	2297	
				230	364	3.2				
240	396	3.3								
CSSBFP-36-I	39" x 22.5" x 24.84" (991 x 572 x 631 mm)	36" x 19.5" (914 x 495 mm)	1/3	120	440	6.5	60	NEMA 5-15P	2609	155 lb. (70 kg)
			3/8	220	333	3.0	50	CEE 7-7 Schuko, BS-1363, AS3112	2459	
				230	364	3.2				
				240	396	3.3				
			1/3	220	333	3.0	60	CEE 7-7 Schuko, BS-1363	2459	
				230	364	3.2				
240	396	3.3								
CSSBFP-36-S	39" x 27" x 24.84" (991 x 686 x 631 mm)	36" x 24" (914 x 610 mm)	1/3	120	440	6.5	60	NEMA 5-15P	2821	167 lb. (78 kg)
			3/8	220	333	3.0	50	CEE 7-7 Schuko, BS-1363, AS3112	2671	
				230	364	3.2				
				240	396	3.3				
			1/3	220	333	3.0	60	CEE 7-7 Schuko, BS-1363	2671	
				230	364	3.2				
240	396	3.3								
CSSBFP-48-F	51" x 18.5" x 24.84" (1295 x 470 x 631 mm)	48" x 15.5" (1219 x 394 mm)	1/3	120	440	6.5	60	NEMA 5-15P	2664	144 lb. (65 kg)
			3/8	220	333	3.0	50	CEE 7-7 Schuko, BS-1363, AS3112	2671	
				230	364	3.2				
				240	396	3.3				
			1/3	220	333	3.0	60	CEE 7-7 Schuko, BS-1363	2514	
				230	364	3.2				
240	396	3.3								
CSSBFP-48-I	51" x 22.5" x 24.84" (1295 x 572 x 631 mm)	48" x 19.5" (1219 x 495 mm)	1/3	120	440	6.5	60	NEMA 5-15P	2915	173 lb. (78 kg)
			3/8	220	333	3.0	50	CEE 7-7 Schuko, BS-1363, AS3112	2765	
				230	364	3.2				
				240	396	3.3				
			1/3	220	333	3.0	60	CEE 7-7 Schuko, BS-1363	2765	
				230	364	3.2				
240	396	3.3								
CSSBFP-48-S	51" x 27" x 24.84" (1295 x 686 x 631 mm)	48" x 24" (1219 x 610 mm)	1/2	120	560	9.3	60	NEMA 5-15P	4318	195 lb. (89 kg)
			1/2	220	454	4.1	50	CEE 7-7 Schuko, BS-1363, AS3112	4250	
				230	496	4.3				
				240	540	4.5				
			5/8	220	484	4.4	60	CEE 7-7 Schuko, BS-1363	4373	
				230	529	4.6				
240	576	4.8								

* All voltages are non-CE.

† Height is adjustable up to 39" (990 mm).

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R-290 Cold Built-In Flush Top Simulated Stone Shelves

Models: CSSBFP-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



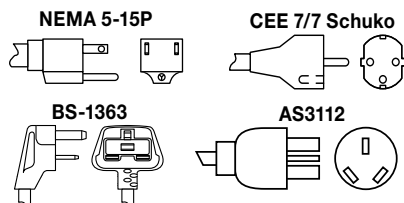
(Refer to the Installation section in the Installation and Operating Manual
on the [Hatco website](#))

- 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
CSSBFP-24-F	2.9 oz. (0.082 kg)
CSSBFP-24-I	3.0 oz. (0.085 kg)
CSSBFP-24-S	3.1 oz. (0.088 kg)
CSSBFP-36-F	3.1 oz. (0.088 kg)
CSSBFP-36-I	2.7 oz. (0.076 kg)
CSSBFP-36-S	2.8 oz. (0.079 kg)
CSSBFP-48-F	2.7 oz. (0.076 kg)
CSSBFP-48-I	2.9 oz. (0.082 kg)
CSSBFP-48-S	4.2 oz. (0.119 kg)

PLUG CONFIGURATION



PRODUCT SPECS

R-290 Cold Built-In Flush Top Simulated Stone Shelves

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

The R*290 Cold Built-In Flush Top Simulated Stone Shelves shall be rated at ... watts, ... volts, and ... inches (millimeters) in overall width.

It shall utilize R-290 refrigerant and consist of foodsafe simulated stone material surface shelf assembly, a condenser attached to evaporator with cord and plug attached, and attached Electronic Temperature Control Box.

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

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