

Floor/Ceiling Type Indoor Units



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Great for spaces requiring great air-throw with limited installation locations.

Flexible Installation

Floor ceiling unit can be mounted overhead in a hoisted position or may be mounted in seated position on the wall, close to the floor.

Attractive Appearance

The elegant, attractive front panel coordinates nicely with any décor.

Condensate Pump

Convenient space provided for condensate pump installation.

Protection Functions

The system monitors itself for:

- Freeze protection
- Fan motor overload
- Temperature sensor malfunction
- Horizontal and Vertical Air Swing
- Provides a wider air swing range for a comfortable working and living environment.

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9K to 48K BTU - 60 Hz

Model			BDFC-2.8(09)-AK	BDFC-3.6(12)-AK	BDFC-5.0(18)-AK	BDFC-7.1(24)-AK
Capacity	Cooling	MBtu/h	9.5	12.0	18.0	24.0
		kW	2.8	3.6	5.3	7.0
	Heating	MBtu/h	10.5	13.5	20.0	27.0
		kW	3.1	4.0	5.9	7.9
Power Supply		Ph-V-Hz	1-208~230-60			
Power Consumption		W	40		50	75
Airflow Volume (H/M/L)		M ³ /Hr	650/580/500		950/850/700	1400/1150/1000
		CFM	380/341/294		560/500/410	825/677/590
Rated Current ²	Cooling	A	0.2		0.25	0.38
	Heating	A	0.2		0.25	0.38
Sound Level* (H/M/L)		dB(A)	36/34/32		42/38/33	44/42/39
Connecting Pipe Diameter	Liquid Line	in. (mm)	1/4 (6.35)		3/8 (9.52)	
	Suction Line	in. (mm)	3/8 (9.52)	1/2 (12.7)	5/8 (15.9)	
Drain Pipe	External Diameter	in. (mm)	21/32 (17)			
	Thickness	inch	1/16			
Outline Dimension	WxDxH	inch	48 x 27-1/2 x 8-7/8			55-7/8 x 27-1/2 x 9-5/8
		mm	1220 x 700 x 225			1420 x 700 x 245
Package Dimension	WxDxH	inch	52-7/8 x 32-3/8 x 12-3/8			61 x 32-5/8 x 13-5/8
		mm	1343 x 823 x 315			1548 x 828 x 345
Net Weight/Gross Weight		lb	88/108		110/128	
		kg	40/49		50/58	

Model			BDFC-9.0(30)-AK	BDFC-11.2(36)-AK	BDFC-12.5(42)-AK	BDFC-14.0(48)-AK
Capacity	Cooling	MBtu/h	30.0	36.0	42.0	48.0
		kW	8.8	10.6	12.3	14.1
	Heating	MBtu/h	33.0	40.0	47.0	54.0
		kW	10.0	11.7	13.8	15.8
Power Supply		Ph-V-Hz	1-208~230-60			
Power Consumption		W	140	160		
Airflow Volume (H/M/L)		M ³ /Hr	1600/1400/1200	2000/1800/1450		
		CFM	940/824/706	1175/1059/853		
Rated Current ²	Cooling	A	0.7	0.95		
	Heating	A	0.7	0.95		
Sound Level* (H/M/L)		dB(A)	50/47/43	51/47/42	52/49/45	
Connecting Pipe Diameter	Liquid Line	in. (mm)	3/8 (9.52)			
	Suction Line	in. (mm)	5/8 (15.9)			
Drain Pipe	External Diameter	in. (mm)	21/32 (17)			
	Thickness	inch	1/16			
Outline Dimension	WxDxH	inch	55-7/8 x 27-1/2 x 9-5/8	66-7/8 x 27-1/2 x 9-5/8		
		mm	1420 x 700 x 245	1700 x 700 x 245		
Package Dimension	WxDxH	inch	61 x 32-5/8 x 13-5/8	72 x 32-5/8 x 14		
		mm	1548 x 828 x 345	1828 x 828 x 345		
Net Weight/Gross Weight		lb	110/128	132/150		
		kg	50/58	60/68		

* The noise level is measured 1/16 inch from the bottom center of the unit, in the semi-anechoic room. It will be slightly higher due to change of the environment during actual operation. The noise level is measured under the standard test condition. The noise level is measured under the condition of rear air return.