

# EVAPORATORS

## BF/BFM-LINE LOW PROFILE UNIT COOLERS ELECTRIC DEFROST

The BF-ED Low Profile Electric Defrost unit cooler is designed for -30°F to +10°F room temperatures. The BFM-ED Low Profile Electric Defrost unit cooler is designed for +15°F to 34°F room temperatures. Consisting of features identical to those of the air defrost unit the BF-ED/BFM-ED also includes corrosion resistant stainless steel heater elements face mounted on the entering air side of the coil allowing for easy service and accessibility. A stainless steel heater element is supplied below the coil for improved condensate removal.

The unit includes a factory mounted combination fan delay/defrost termination thermostat control (fixed setting). Units can be field modified for 3 Phase heater wiring.

BF is available in ten sizes ranging from 3,500 to 26,000 BTUH. BFM is available from 4,100 to 30,600 BTUH. Optional fin spacing, materials and coatings, energy efficient PSC motors, and painted cabinet available.



R134a, R22, R404A

208-230/1/60 and  
200-220/1/50



### BF Electric Defrost Models

MODEL BF	BTUH -20°F ET @ 10°F TD	CFM	MOTOR DATA			HEATER DATA			DIMENSIONS In. (mm)			CONNECTIONS		APPROX. SHIP WEIGHT Lbs. (kg)
			QTY	208-230/1/60		TOTAL WATTS	208-230/1/60		HEIGHT	WIDTH	DEPTH	LIQUID (OD)	SUCTION (OD)	
				FLA	MCA		AMPS	MCA						
BF35P-ED	3500	800	1	1.0	1.3	1310	5.7	7.1	16 3/4 (425.5)	28 7/8 (733)	13 3/4 (349.3)	1/2	5/8	53 (24.0)
BF43P-ED	4300	800	1	1.0	1.3	1310	5.7	7.1	16 3/4 (425.5)	28 7/8 (733)	13 3/4 (349.3)	1/2	5/8	63 (28.6)
BF53P-ED	5300	1600	2	2.0	2.3	2400	10.4	13.1	16 3/4 (425.5)	48 7/8 (1241)	13 3/4 (349.3)	1/2	5/8	89 (40.4)
BF70P-ED	7000	1600	2	2.0	2.3	2400	10.4	13.1	16 3/4 (425.5)	48 7/8 (1241)	13 3/4 (349.3)	1/2	5/8	91 (41.3)
BF87P-ED	8700	1600	2	2.0	2.3	2400	10.4	13.1	16 3/4 (425.5)	48 7/8 (1241)	13 3/4 (349.3)	1/2	7/8	92 (41.7)
BF105P-ED	10500	2400	3	3.0	3.3	3550	15.4	19.3	16 3/4 (425.5)	68 7/8 (1749)	13 3/4 (349.3)	1/2	7/8	118 (53.5)
BF130P-ED	13000	2400	3	3.0	3.3	3550	15.4	19.3	16 3/4 (425.5)	68 7/8 (1749)	13 3/4 (349.3)	1/2	7/8	125 (56.7)
BF174P-ED	17300	3200	4	4.0	4.3	4580	19.9	24.9	16 3/4 (425.5)	88 7/8 (2257)	13 3/4 (349.3)	1/2	1 1/8	160 (72.6)
BF217P-ED	21700	4000	5	5.0	5.3	5670	24.7	30.8	16 3/4 (425.5)	108 7/8 (2765)	13 3/4 (349.3)	1/2	1 1/8	208 (94.3)
BF260P-ED	26000	4800	6	6.0	6.3	6760	29.4	36.7	16 3/4 (425.5)	128 7/8 (2765)	13 3/4 (349.3)	1/2	1 3/8	233 (105.7)

FLA = Full Load Amps - MCA = Minimum Circuit Ampacity - ET = Evaporating Temperature

### BFM Electric Defrost Models

MODEL BFM	BTUH +20°F ET @ 10°F TD	CFM	MOTOR DATA			HEATER DATA			DIMENSIONS In. (mm)			CONNECTIONS		APPROX. SHIP WEIGHT Lbs. (kg)
			QTY	208-230/1/60		TOTAL WATTS	208-230/1/60		HEIGHT	WIDTH	DEPTH	LIQUID (OD)	SUCTION (OD)	
				FLA	MCA		AMPS	MCA						
BFM41P-ED	4100	800	1	1.0	1.3	1310	5.7	7.1	16 3/4 (425.5)	28 7/8 (733)	13 3/4 (349.3)	1/2	5/8	53 (24.0)
BFM51P-ED	5100	800	1	1.0	1.3	1310	5.7	7.1	16 3/4 (425.5)	28 7/8 (733)	13 3/4 (349.3)	1/2	5/8	63 (28.6)
BFM62P-ED	6200	1600	2	2.0	2.3	2400	10.4	13.1	16 3/4 (425.5)	48 7/8 (1241)	13 3/4 (349.3)	1/2	5/8	89 (40.4)
BFM82P-ED	8200	1600	2	2.0	2.3	2400	10.4	13.1	16 3/4 (425.5)	48 7/8 (1241)	13 3/4 (349.3)	1/2	5/8	91 (41.3)
BFM102P-ED	10200	1600	2	2.0	2.3	2400	10.4	13.1	16 3/4 (425.5)	48 7/8 (1241)	13 3/4 (349.3)	1/2	7/8	92 (41.7)
BFM123P-ED	12300	2400	3	3.0	3.3	3550	15.4	19.3	16 3/4 (425.5)	68 7/8 (1749)	13 3/4 (349.3)	1/2	7/8	118 (53.5)
BFM153P-ED	15300	2400	3	3.0	3.3	3550	15.4	19.3	16 3/4 (425.5)	68 7/8 (1749)	13 3/4 (349.3)	1/2	7/8	125 (56.7)
BFM204P-ED	20400	3200	4	4.0	4.3	4580	19.9	24.9	16 3/4 (425.5)	88 7/8 (2257)	13 3/4 (349.3)	1/2	1 1/8	160 (72.6)
BFM255P-ED	25500	4000	5	5.0	5.3	5670	24.7	30.8	16 3/4 (425.5)	108 7/8 (2765)	13 3/4 (349.3)	1/2	1 1/8	208 (94.3)
BFM306P-ED	30600	4800	6	6.0	6.3	6760	29.4	36.7	16 3/4 (425.5)	128 7/8 (2765)	13 3/4 (349.3)	1/2	1 3/8	233 (105.7)

FLA = Full Load Amps - MCA = Minimum Circuit Ampacity - ET = Evaporating Temperature