

Specification Guide

F Series

Premier Low Profile Air Handlers

Electric or No Heat, with available 5-Speed High Efficiency ECM Motor



Contents	Page
Product Features	2
Physical Data	2
Nomenclature	3
Blower Performance	4
Electrical Data	6
Dimensions	8



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Electrical Data: 5-Speed High Efficiency ECM Motor

No Electric Heat

Unit Size	Elec. Heating Capacity		Blower Amps		Minimum Circuit Ampacity		Circuit Breaker Amps per Stage	
	kW ^[1]	BTUH	208 V	240 V	208 V	240 V	1	2
	240 V ^[2]	240 V ^[2]						
18, 24, 25	0	0	3.2	3.0	4.0	3.8	15	-
30, 31, 36, 37, 42	0	0	3.2	3.0	4.0	3.8	15	-
48	0	0	3.4	3.2	4.2	4.0	15	-
60	0	0	4.9	4.6	6.1	5.8	15	-

With Electric Heat

Unit Size	Elec. Heating Capacity		Blower Amps		Minimum Circuit Ampacity		Circuit Breaker Amps per Stage ^[3]	
	kW ^[1]	BTUH	208 V	240 V	208 V	240 V	1	2
	240 V ^[2]	240 V ^[2]						
18, 24, 25	5	17,065	3.2	3.0	26.5	29.8	30	-
	7.5	25,598	3.2	3.0	37.8	42.8	45	-
	10	34,130	3.2	3.0	49.1	55.8	60	-
30, 31, 36, 37, 42	5	17,065	3.2	3.0	26.5	29.8	30	-
	7.5	25,598	3.2	3.0	37.8	42.8	45	-
	10	34,130	3.2	3.0	49.1	55.8	60	-
	15	51,195	3.2	3.0	71.7	81.9	60	30
48	5	17,065	3.4	3.2	26.8	30.0	30	-
	7.5	25,598	3.4	3.2	38.1	43.1	45	-
	10	34,130	3.4	3.2	49.4	56.1	60	-
	15	51,195	3.4	3.2	71.9	82.1	60	30
	20	68,260	3.4	3.2	94.5	108.2	60	60
60	7.5	25,598	4.9	4.6	39.9	44.8	45	-
	10	34,130	4.9	4.6	51.2	57.8	60	-
	15	51,195	4.9	4.6	73.8	83.9	60	30
	20	68,260	4.9	4.6	96.3	109.9	60	60

[1] kW packages in **bold italics** require and include circuit breakers; circuit breakers are optional for others.

[2] For 208 volt use 0.751 correction factor for kW & BTUH.

[3] Listed circuit breaker size is for 240V applications. For 208V verify breaker sizing based on min. circuit ampacity.

Dimensions

Air Handler Size	A (in)	B (in)	C (in)	Supply Duct Opening		Return Duct Opening		Pallet Qty. (-S Option)
				Depth (in)	Width (in)	Depth (in)	Width (in)	
18, 24	36	22	15	17	13	20.35	12.20	6
25, 30, 36	41	22	18 1/2	17	16.5	20.35	16.20	4
31, 37, 42, 48, 60	48	26	21 7/8	21	20	24.60	20.08	2

