HVAC DISTRIBUTING LLC

SIGNATURE SERIES
MULTI-POSITION AIR HANDLER

AVAILABLE IN 18K–60K





SIGNATURE SERIES
MULTI-POSITION AIR HANDLER

- LOW GWP R-454B REFRIGERANT
- 10-YEAR LIMITED PARTS WARRANTY
- COPPER A-COIL
- ALUMINUM FINS
- COMPACT, LIGHTWEIGHT CABINET
- DURABLE CONSTRUCTION

10 YEAR
PARTS WARRANTY

MRCOOL®
COMFORT MADE SIMPLE

V 10.14.26

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SIGNATURE SERIES MULTI-POSITION AIR HANDLER

MODEL NO.	UNITS	MCAEAMPSF18C21AA	MCAEAMPSF24C21AA	MCAEAMPEF30C21AA	MCAEAMPEF36C21AA	MCAEAMPEF42C21AA	MCAEAMPEF48E21AA	MCAEAMPEF60E21AA
ELECTRICAL PARTS								
Rated Voltage	(V~Hz,Ph)	208/230~60,1	208/230~60,1	208/230~60,1	208/230~60,1	208/230~60,1	208/230~60,1	208/230~60,1
Min. Current Ampacity (MCA)	A	2.1	2.4	4.5	4.5	7.2	7.2	7.2
Max. Current Over Protection (MOP)	A	3	3	6	6	10	10	10
MOTOR								
Type		PSC	PSC	ECM	ECM	ECM	ECM	ECM
Capacitor	uF	6	10	/	/	/	/	/
Rated Horse Power		1/4	1/3	1/2	1/2	3/4	3/4	3/4
Rated RPM	r/min	830	910	960	1000	1040	1010	1010
BLOWER								
Diameter	inch	11	11	11	11	11	11	11
Width	inch	11	11	11	11	11	11	11
Indoor Air Flow	CFM	749	761	983	1131	1254	1549	1549
Sound Level	dB(A)	53	53	53	55	54	57	57
DIMENSIONS & WEIGHT								
Net Dimension (WxHxD)	inch	19.6 x 45.75 x 22	19.6 x 45.75 x 22	19.6 x 45.75 x 22	19.6 x 45.75 x 22	19.6 x 45.75 x 22	22 x 53.12 x 24.5	22 x 53.12 x 24.5
Packing Dimension (WxHxD)	inch	22.8 x 47.6 x 25.6	22.8 x 47.6 x 25.6	22.8 x 47.6 x 25.6	22.8 x 47.6 x 25.6	22.8 x 47.6 x 25.6	27.75 x 54.8 x 25.2	27.75 x 54.8 x 25.23
Net/Gross Weight	lbs	120/133	128/141	129/142	129/142	131/144	163/183	170/190
REFRIGERANT CONNECTION VALVE								
Liquid Side	inch	3/8	3/8	3/8	3/8	3/8	3/8	3/8
Gas Side	inch	3/4	3/4	3/4	3/4	3/4	7/8	7/8

OPTIONAL ELECTRIC HEAT KITS	
MODEL NO.	CAPACITY
MCAEHFD5X1AA	5kW
MCAEHFD7X1AA	7.5kW
MCAEHFD10X1AA	10kW

c ETL us Intertek 5029533

AHRI CERTIFIED www.ahridirectory.org *Data provided by AHRI

All specifications are preliminary and are subject to change during mass production.

Equipment sizing and installation must be performed by a licensed HVAC contractor in accordance with ACCA Manual J and applicable local codes.