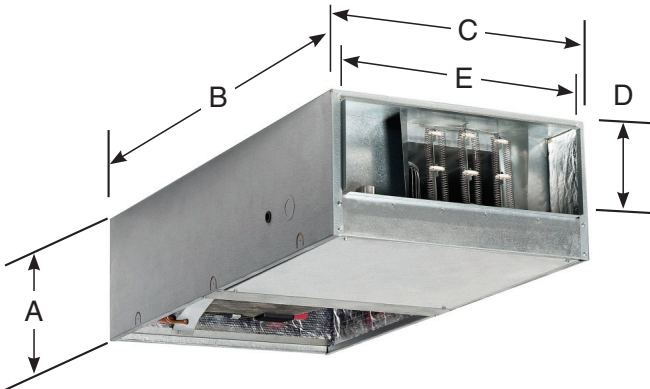


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# Submittal

## Horizontal Air Handler 2–3 Ton 4FWF



Air Handler Model	PRODUCT DIMENSIONS					SHIP WT. LBS.
	Cabinet			Plenum		
	Height	Length	Width	Height	Width	
	A	B	C	D	E	
4FWFA024,30	12	47	22.5	8	20.75	55
4FWFA031,36	12	51	22.5	8	20.75	60

All dimensions are in inches.

AIR HANDLER MODEL NUMBER WITH FACTORY INSTALLED HEATER			
Model +	5 Kw Terminal Block	8 Kw Terminal Block	10 Kw Terminal Block
4FWFA024	A1005A	A1008A	A1010A
4FWFA030,31	N/A	A1008A	A1010A
4FWFA036	N/A	N/A	A1010A

Note: Complete model number includes air handler size plus factory installed heater selection.  
Example: 4FWFA024A1005A = a 2 ton air handler with 5 Kw electric heater with terminal block

## Performance Data

4FWFA BLOWER PERFORMANCE				
MODEL	Speed	External Static Pressure		
		0.1	0.2	0.3
4FWFA024	Low	740	670	610
	Medium	970	850	760
	High	1020	950	840
4FWFA030,31	Low	740	670	610
	Medium	970	850	760
	High	1020	950	840
4FWFA036	Low	1020	950	870
	Medium	1140	1100	1040
	High	1250	1200	1150

Notes:  
Ratings based on blower high speed connection  
Ratings are for dry coil with filter in place.  
Air flow is measured with 240 volts and 80/67 entering air.

ELECTRICAL SPECIFICATIONS					
MODEL	KW @ 240 VAC	BTUH	AMPS	MCA	MOP
4FWFA024					
-5	4.8	16,411	22	27	30
-8	8	27,304	35	44	50
-10	9.6	32,764	42	52	60
4FWFA030,31					
-8	8	27,304	36	45	50
-10	9.6	32,764	43	53	60
4FWFA036					
-10	9.6	32,764	43	53	60

Notes:  
De-rate BTUH capacity by 25% for ratings at 208 VAC.  
Refer to prevailing electrical code for wire and over current sizes.

# Mechanical Specifications

The 4FWF series is designed for horizontal recessed installations in a furred down area, above a suspended ceiling or recessed in the ceiling. 4FWF models are for electric heat, cooling, and heat pump applications. The unit can be configured for return air flow through the integral access panel or at the end of the unit. Installation tabs are built into the cabinet to facilitate mounting the unit. Optional panels are available that allow a wide range of installation options. Electric resistance heaters are factory installed. Full service of all components is easily accomplished through the access panel.

## STANDARD FEATURES

- DESIGNED FOR INSTALLATION IN A FURRED DOWN AREA OR DROPPED CEILING AREA
- COOLING & ELECTRIC HEATING, OR HEAT PUMP WITH ELECTRIC BACK UP
- FACTORY INSTALLED ELECTRIC HEAT OF EITHER 5,8, OR 10KW (208/230 VAC)
- COOLING CAPACITIES OF 2.0, 2.5, OR 3.0 NOMINAL TONS
- TXV REFRIGERANT METERING DEVICE
- ALL ALUMINUM COIL
- FACTORY INSTALLED TIME DELAY RELAY
- PRE-PUNCHED SIDE MOUNTING TABS FOR EASIER INSTALLATIONS
- POWDER COATED HINGED ACCESS PANELS (MUST BE ORDERED SEPARATELY)
- FULL INSULATED EMBOSSED GALVANIZED STEEL CABINETS

ACCESSORY DIMENSIONS				
	Filter Size	Optional Return Opening	Access Grill Width	Access Grill Length
4FWFA024,30	22 x 22	21 x 7.5	27.25	51.25
4FWFA031,36	22 x 22	21 x 7.5	27.25	55.25

All dimensions are in inches.

BAYFPNLSOL03AA - 024, 030	Solid, Hinged Access Panel
BAYFPNLSOL04AA - 031, 036	
BAYFPNLLOU03AA - 024, 030	Louvered, Hinged Access Panel
BAYFPNLLOU04AA - 031, 036	




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