

TECHNICAL SPECIFICATIONS



PREMIUM AIR HANDLERS

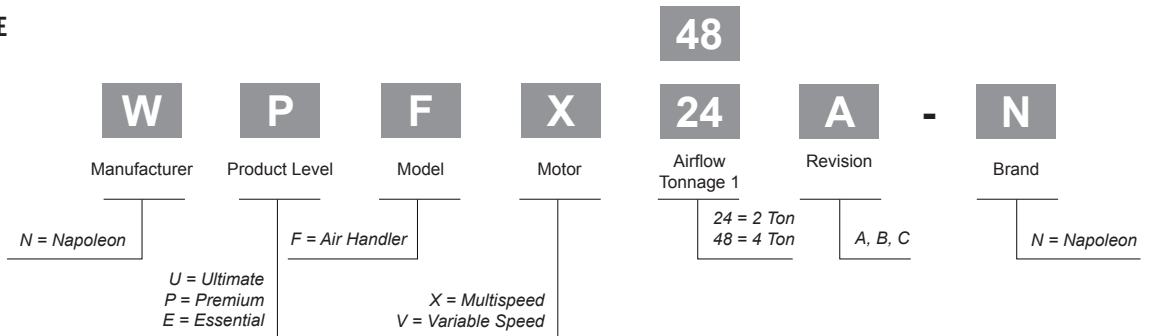


FEATURES AND BENEFITS

- Multi-speed Constant Torque (CT) ECM blower motor
- Flex Fit installation options: horizontal left, right, vertical up flow and down flow.
- Dual front panel design for ease of maintenance - blower and coil easy slide out for ease of maintenance
- Fully insulated cabinet design
- Integrated filter rack with tool-less door access

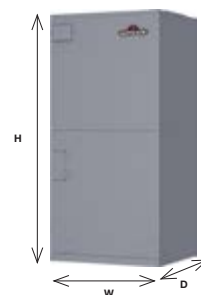
NOMENCLATURE

AIR HANDLER NOMENCLATURE



PREMIUM AIR HANDLERS SPECIFICATIONS

PART ID	DIMENSIONS			WEIGHT KGS (LBS)
	WIDTH MM (IN)	HEIGHT MM (IN)	DEPTH MM (IN)	
WPFX24A-N	460 / 18.11	1105 / 43.5	540 / 21.26	61.5 / 135.6
WPFX36A-N	540 / 21.26	1224 / 48.19	540 / 21.26	74 / 163.1
WPFX48A-N	630 / 52	1320 / 52	540 / 21.3	90.5 / 199.5
WPFX60A-N	630 / 52	1320 / 52	540 / 21.3	90.5 / 199.5



SYSTEM DATA					
Product Model		WPFX24A-N	WPFX36A-N	WPFX48A-N	WPFX60A-N
Nominal Capacity	Tonnage	2T	3T	4T	5T
Air flow volume	m³/h/cfm	1292 / 760	1700 / 1000	2040 / 1200	2550 / 1500
ESP (Range)	ln.w.g/Pa	0.50	0.50	0.50	0.50
Sound Pressure Level	dB(A)	50	51	52	53
Supplemental Electric Heat (Optional)	kW	5 kW / 10kW	5 kW / 10kW / 15kW	5 kW / 10 kW/ 15 kW/ 20kW	5 kW / 10 kW/ 15 kW/ 20kW
Minimum - Maximum Voltage	v	187/253	187/253	187/253	187/253
Voltage	V	208/230	208/230	208/230	208/230
Rated Current Cooling	A	1.40	1.60	2.40	2.80
Rated Current Heating	A	1.35	1.50	2.20	2.50
MCA	A	15	15	15	15
MOP	A	15	15	15	15
MCA / with electric heater	A	5kW:27/30(208/240V) 10kW:49/56(208/240V)	5kW:27/30(208/240V) 10kW:49/56(208/240V) 15kW:53+24/59+28(208/240V)	5kW:27/30(208/240V) 10kW:53/59(208/240V) 15kW:53+24/59+28(208/240V) 20kW:53+53/59+59(208/240V)	5kW:27/30(208/240V) 10kW:53/59(208/240V) 15kW:53+24/59+28(208/240V) 20kW:53+53/59+59(208/240V)
MOP / with electric heater	A	5kW:30/30(208/240V) 10kW:60/60(208/240V)	5kW:30/30(208/240V) 10kW:60/60(208/240V) 15kW:60+30/60+30(208/240V)	5kW:30/30(208/240V) 10kW:60/60(208/240V) 15kW:60+30/60+30(208/240V) 20kW:60+60/60+60(208/240V)	5kW:30/30(208/240V) 10kW:60/60(208/240V) 15kW:60+30/60+30(208/240V) 20kW:60+60/60+60(208/240V)
Gross Weight	kg/ lbs	65.5 / 144.4	81 / 178.6	99 / 218.3	99 / 218.3
Operation temperature for cooling	°C/°F	18-32 / 64.4 - 89.6	18-32 / 64.4 - 89.6	18-32 / 64.4 - 89.6	18-32 / 64.4 - 89.6
Operation temperature for heating	°C/°F	10-27 / 50-80.6	10-27 / 50-80.6	10-27 / 50-80.6	10-27 / 50-80.6
Indoor Fan Motor Full Load Amps	A	3.60	4.10	5.50	6.00
Indoor Fan Motor Rated HP	HP	1/2	1/2	1	1
Strong heating at low ambient		100% Heating Capacity down to -5°F (-20°C)	100% Heating Capacity down to 19.4°F (-7°C)	92% Heating Capacity down to 32°F (0°C)	95% Heating Capacity down to 32°F (0°C)
Strong cooling at high ambient		100% Cooling Capacity up to 105°F(40.5°C)	100% Cooling Capacity up to 105°F(40.5°C)	100% Cooling Capacity up to 105°F(40.5°C)	100% Cooling Capacity up to 105°F(40.5°C)