



Single Zone Inverter Systems

Evaporator Model	PWS091HX	PWS121HX	PWS181HX	PWS241HX	PWS361HX
Condenser Model	POS091HX	POS121HX	POS181HX	POS241HX	POS361HX
Installation Kit	KIT091HX	KIT121HX	KIT181HX	KIT241HX	KIT361HX
System Model	PMS091HX	PMS121HX	PMS181HX	PMS241HX	PMS361HX
BTU Capacity Range:	4,000 - 12,000	4,500 - 14,000	9,000 - 20,500	9,000 - 25,500	15,400 - 38,500
BTU Cooling:	9,000	12,000	18,000	23,000	36,000
BTU Heating:	10,000	12,500	19,000	23,000	36,000
SEER	19	19	19.2	16	14.5
HSPF	9.6	9.6	9.6	7.8	9
EER	14	12.5	12.5	9.6	9.5
CoP	4.1	3.7	3.7	2.8	2.8
Energy Star	Yes	Yes	Yes	No	No
Ambient Temp. Cooling Range	5 - 112 °F -15 - 30 °C	5 - 112 °F -15 - 30 °C	5 - 112 °F -15 - 30 °C	5 - 112 °F -15 - 30 °C	5 - 112 °F -15 - 30 °C
Ambient Heating Range	-4 - 112 °F -20 - 30 °C	-4 - 112 °F -20 - 30 °C	-4 - 112 °F -20 - 30 °C	-4 - 112 °F -20 - 30 °C	-4 - 112 °F -20 - 30 °C
Dehumidification (L/hr)	1	1.2	1.8	2.5	3.8
Dehumidification (pt/hr)	2.1	2.5	3.8	5.3	8
Electrical (V-Hz-Ph)	115 - 60 - 1	115 - 60 - 1	208/230 - 60 - 1	208/230 - 60 - 1	208/230 - 60 - 1
Currant Rated Cooling (A)	7.2	13.5	10	10.7	17.8
Max Cooling (A)	9.6	17	13	15	20
Currant Rated Heating (A)	9.6	13.5	10	11.26	15.2
Max Heating (A)	15	17	13	15	20
Cooling Power Use (kW)	0.65	0.96	1.47	2.37	4
Max Cooling Power (kW)	2.6	3.5	5.3	6.7	10.55
Heating Power use (kW)	0.72	1.37	1.48	2.5	3.4
Max Heating Power (kW)	2.9	3.6	5.6	6.7	10.55
Max Overload Protection (A)	20	20	20	20	30
Indoor Air Circulation - CFM (L/M/H)	324/383/442	394/430/444	547/653/677	547/648/677	736/842/851
Indoor Noise dB (L-M-H)	32 - 35 - 39	35 - 38 - 40	42 - 44 - 48	42 - 45 - 49	42 - 46 - 50
Indoor Fan Speeds RPM (L/M/H)	850/1000/1150	940/1040/1130	1040/1245/1285	1040/1245/1285	950/1090/1260
Outdoor Noise dB	53	53	59	60	65
Connection Method	flare or braze	flare or braze	flare or braze	flare or braze	flare or braze
Max Refrigerant Pipe Length	80 ft / 24 m	80 ft / 24 m	82 ft / 25 m	82 ft / 25 m	82 ft / 25 m
Min Refrigerant Pipe Length	15 ft / 4.5 m	15 ft / 4.5 m	15 ft / 4.5 m	15 ft / 4.5 m	15 ft / 4.5 m
Max Elevation Difference	33 ft/10m	33 ft / 10 m	33 ft / 10 m	33 ft / 10 m	33 ft / 10 m
Refrigerant Pipe Size (In)	1/4 x 3/8	1/4 x 1/2	3/8 x 5/8	3/8 x 5/8	3/8 x 5/8
Evaporator Dimensions (WxHxD) (In.)	36.3 x 11.5 x 8.8	36.3 x 11.5 x 8.8	39.3 x 12.7 x 9.4	39.3 x 12.7 x 9.4	63.75 x 15.2 x 17.5
Evaporator Dimensions (WxHxD) (Cm.)	101.5 x 36.8 x 29.5	101.5 x 36.8 x 29.5	108 x 40 x 32	108 x 40 x 32	153 x 36.5 x 42
Evaporator Net Weight	25 lbs / 11.5 kg	25 lbs / 11.5 kg	29 lbs / 13 kg	30 lbs / 13.5 kg	53 lbs / 24 kg
Condenser Dimensions (WxHxD) (In.)	29.9 x 23.3 x 11.3	29.9 x 23.3 x 11.3	33.3 x 27.6 x 12.6	33.3 x 27.6 x 12.6	46.7 x 45.8 x 18.1
Condenser Dimensions (WxHxD) (Cm.)	88.7 x 64.5 x 35.5	88.7 x 64.5 x 35.5	96.5 x 75.5 x 39.5	96.5 x 75.5 x 39.5	112 x 110 x 43.5
Condenser Net Weight	83 lbs / 37.5 kg	83 lbs / 37.5 kg	105 lbs / 47.5 kg	110 lbs / 50 kg	181 lbs / 80 kg
Approvals	ETL/cETL/ AHRI Performance Certified 210/240	ETL/cETL/ AHRI Performance Certified 210/240	ETL/cETL/ AHRI Performance Certified 210/240	ETL/cETL/ AHRI Performance Certified 210/240	ETL/cETL/ AHRI Performance Certified 210/240