

R290 Full Inverter Heat Pump for Heating, Cooling & DHW

Bom Code		CP-RW1500025	CP-RW3000013
Model		PW150-DKZLRS-E	PW300-DKZLRS-E
Picture			
Heating Condition - Ambient Temp. (DB/WB) : 7/6℃, Water Temp. (In/Out) : 30/35℃			
Heating Capacity Range (kW)		18.4~49.25	35.2~92
Heating Power Input Range(kW)		4.23~12.96	7.0~23.8
COP Range		3.8~4.3	3.86~5.02
DHW Condition-Ambient Temp. (DB/WB) : 20/15℃, Water Temp. (In/Out) : 15/55℃			
Heating Capacity Range (kW)		23.8~68	40.0~120
Heating Power Input Range(kW)		4.23~15.46	9.0~29.5
COP Range		4.46~5.62	4.06~5.5
Heated water output (L/H)		1462	2580
Cooling Condition - Ambient Temp. (DB/WB) :35/24℃, Water Temp. (In/Out) : 12/7℃			
Cooling Capacity Range (kW)		13.8~34.5	25~66
Cooling Power Input Range(kW)		5.2~16.2	8.92~30.7
EER Range		2.1~2.65	2.15~2.8
Space Heating (According to EN14825:2022) Average Climate Water Outlet 35℃	Rated heat output (kW)	28.424	56.21
	Seasonal Space Heating Energy Efficiency (ηs)	180.00%	176.80%
	Seasonal Space Heating Energy Efficiency (SCOP)	4.57	4.50
	ErP Level	A+++	A+++
Space Heating (According to EN14825:2022) Average Climate Water Outlet 55℃	Rated heat output (kW)	27.216	55.046
	Seasonal Space Heating Energy Efficiency (ηs)	125.40%	139.90%
	Seasonal Space Heating Energy Efficiency (SCOP)	3.21	3.57
	ErP Level	A++	A++
Power supply		380~415V/3Ph/50-60Hz	
Max. power input (kW)		20	40
Max. current (A)		32	64
Fuse or circuit breaker (A)		40	80
Wire diameter (mm²)		10mm²	22mm²
Diameter of pipe (mm)		G1.5"	G2"
Sound power level (dB(A))		≤77	≤85
Sound pressure level (dB(A))		≤62	≤65
Water Flow(m3/h)	Heating/DHW	8.6	17.2
	Cooling	5.6	11.2
Water Pressure Drop (max) kPa		80	120

Net Weight (kg)	370	745
Body size(W*D*H) (mm)	1195×980×1900	2510×979×1882
Packing size(W*D*H)(Plywood case)	1275×1060×2100	2560×1030×2000
IP Grade (Level of protection)	IPX4	IPX4
Anti-electric shock Rate	I	I
Refrigerant	R290/4.0kg	R290/8.0Kg
Compressor Brand	HIGHLY	HIGHLY
Compressor Model	WHP37600PSKTQ9JK	WHP37600PSKTQ9JK
Operation Ambient Temp. (°C)	-25~43°C	
Operating water temperature (°C)	20~78°C(DHW)	
Operating water temperature (°C)	20~78°C(Heating)	
Operating water temperature (°C)	7~30°C(Cooling)	