


New Design — R32 FULL-INVERTER EVI HEAT PUMP
for cooling, heating and DHW(with built-in DC pump and 5 inch controller)

Model	PW030-DKZLRS-B/S	PW040-DKZLRS-B	PW050-DKZLRS-B	PW060-DKZLRS-B	PW080-DKZLRS-B	PW100-DKZLRS-B
Picture						
Heating Condition - Ambient Temp.(DB/WB): 7/6°C, Water Temp.(In/Out): 30/35°C						
Heating Capacity Range (kW)	2.8~8.40	4.40~13.00	5.9~18.2	7.5~23.0	10.2~28.0	12.8~35.0
Heating Power Input Range (kW)	0.62~1.97	0.95~3.12	1.28~4.26	1.61~5.38	2.17~6.56	2.71~8.19
COP Range	4.26~4.52	4.17~4.63	4.27~4.61	4.28~4.66	4.27~4.70	4.27~4.72
DHW Condition - Ambient Temp.(DB/WB): 7/6°C, Water Temp.(In/Out): 15/55°C						
Heating Capacity Range (kW)	2.3~6.81	3.52~10.50	4.80~14.72	6.1~18.5	12.3~20.4	13.6~22.6
Heating Power Input Range (kW)	0.61~2.23	0.93~3.49	1.25~4.75	1.61~6.12	2.9~5.57	3.19~6.15
COP Range	3.05~3.77	3.01~3.78	3.10~3.84	3.02~3.79	3.66~4.24	3.67~4.26
Heated Water Output (L/H)	146	225	315	396	437	485
Cooling Condition - Ambient Temp.(DB/WB): 35/24°C, Water Temp.(In/Out): 12/7°C						
Cooling Capacity Range (kW)	2.1~6.22	2.80~8.20	3.81~11.53	4.73~14.6	6.54~19.8	8.13~24.6
Cooling Power Input Range (kW)	0.67~2.28	0.90~3.41	1.19~4.20	1.47~5.29	2.02~7.17	2.52~8.95
EER Range	2.73~3.13	2.40~3.11	2.75~3.20	2.76~3.22	2.76~3.24	2.75~3.23
Power Supply	230V/1Ph/50Hz/60		380V/3Ph/50-60Hz			
Max. Power Input (kW)	3.6	4.5	6.5	7.35	101	12
Max. Current (A)	16.5	8.5	12.3	14	19	228
Fuse or Circuit Breaker (A)	25	16	20	25	32	32
Wire Diameter (mm ²)	4mm ²	2.5mm ²	4mm ²	4mm ²	6mm ²	6mm ²
Diameter of Pipe (mm)	DN25	DN25	DN25	DN25	DN32	DN32
Water Flow (m3/h)	15	22	32	39	48	60
Water Pressure Drop (max) kPa	30	35	40	45	50	55
Net Weight (kg)	105	115	160	165	220	240
Body Size (W*D*H) (mm)	970×475×620	1100×475×970	1050×480×1380	1050×480×1380	1160×500×1580	1160×500×1580
Packing Size (W*D*H) (carton)	1028×490×960	1120×490×1110	1100×490×1510	1100×490×1510	1200×510×1720	1200×510×1720
Packing Size (W*D*H) (plywood)	1060×520×974	1150×520×1120	1120×520×1520	1120×520×1520	1230×540×1730	1230×540×1730
Loading Quantity (carton)	48/96	48/96	24/48	24/48	19/43	19/43
Loading Quantity (plywood)	44/88	44/88	22/44	22/44	18/40	18/40
IP Grade (Level of Protection)	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4
Anti-electric Shock Rate	I	I	I	I	I	I
Refrigerant	R32					
Compressor Brand	Panasonic	Panasonic	Panasonic	Panasonic	Panasonic	Panasonic
Water pump Brand	SHIMGE	SHIMGE	SHIMGE	SHIMGE	AWMT	AWMT
Operation Ambient Temp. (°C)	-30~43°C					
Operating Water Temperature (°C)	28~55°C(DHW)					
Operating Water Temperature (°C)	15~55°C(Heating)					
Operating Water Temperature (°C)	7~30°C(Cooling)					