

Heat Pump Water heater (R134a,Top Vent)

Specifications and features

- ▶ Best COP value of 3.8 according to EN 16147 at (A20/W55)
- ▶ Hot water up to 70°C
- ▶ Air operation ranges from -7 to 43°C
- ▶ Extremely energy Efficiency A+
- ▶ Simple to install
- ▶ An electric heating element is installed as standard
- ▶ Integration solar coil
- ▶ Digital display and WIFI function
- ▶ The optimized air flow enables quiet operation



Model	RER18-150DS/N3C2	RER18-200DS/N3C2	RER18-250DS/N3C3	RER25-300DS/N3C3
Volume	150L	200L	250L	300L
Power supply	220-240V/1/50HZ			
Heating capacity	1800W	1800W	1800W	2420W
Rated input power	470W	470W	470W	623W
Auxiliary heating	2000W	2000W	2000W	2000W
Max. input power	2685W	2685W	2685W	2890W
Max. input current	12.2A	12.2A	12.2A	13.4A
Sound pressure	≤52dB(A)	≤52dB(A)	≤52dB(A)	≤53dB(A)
Waterproof level	IPX4	IPX4	IPX4	IPX4
COP(DB/WB20/15°C,In/Out:15/55°C)	3.82	3.82	3.82	3.88
Refrigerant	R134a	R134a	R134a	R134a
Pressure(High/Low)	2.8~2.4 MPa / 0.05~0.15MPa			
Inner pressure protection	0.8MPa	0.8MPa	0.8MPa	0.8MPa
Inner Tank Material	Enamel	Enamel	Enamel	Enamel
Outer Tank Material	Galvanized	Galvanized	Galvanized	Galvanized
Operation Range	- 7 ~ 43°C	- 7 ~ 43°C	- 7 ~ 43°C	- 7 ~ 43°C
Highest temperature	70°C	70°C	70°C	70°C
Rated hot water supply	39L/h	39L/h	39L/h	52L/h
Power cord	(YZW) 3*1.5mm²	(YZW) 3*1.5mm²	(YZW) 3*1.5mm²	(YZW) 3*2.5mm²
Compressor	GMCC	GMCC	GMCC	PANASONIC
4- way valve	Sanhua	Sanhua	Sanhua	Sanhua
EEV	Sanhua	Sanhua	Sanhua	Sanhua
Evaporator	ø7aluminum foil	ø7aluminum foil	ø7aluminum foil	ø7aluminum foil
Fan motor	YDK25/32	YDK25/32	YDK25/32	YDK25/32
Fan blade	φ190	φ190	φ190	φ190
Display	Touch screen	Touch screen	Touch screen	Touch screen
Heat exchanger	Copper pipe(50m)			Copper pipe(69m)
Solar coil	8m	8m	8m	11m
Water Inlet/outlet size	G1/2"	G1/2"	G3/4"	G3/4"
Gross weight (Kg)	75kg	96kg	123kg	141kg
Net dimension(mm)	φ570*1521	φ570*1803	φ570*2085	φ640*2015
Packing dimension (mm)	645*645*1680	645*645*1970	645*645*2252	740*740*2140

Accessory

Safety valve, adapter, IM, drain pipe

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Compressor	GMCC	GMCC	PANASONIC	PANASONIC
4- way valve	Sanhua	Sanhua	Sanhua	Sanhua
EEV	Sanhua	Sanhua	Sanhua	Sanhua
Evaporator	ø7aluminum foil	ø7aluminum foil	ø7aluminum foil	ø7aluminum foil
Fan motor	YDK25/32	YDK25/32	YDK25/32	YDK25/32
Fan blade	φ190	φ190	φ190	φ190
Display	Touch screen	Touch screen	Touch screen	Touch screen
Heat exchanger	Copper pipe(50m)		Copper pipe(69m)	
Solar coil	Without			
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Net dimension(mm)	φ570*1521	φ570*1803	φ640*1810	φ640*2015
Packing dimension (mm)	645*645*1680	645*645*1970	740*740*1920	740*740*2140
Accessory	Safety valve,adapter,IM,drain pipe			