

FULL DUO FAN DC INVERTER MONOBLOC HEAT PUMP

Brand			Shenling (R290)	
Model			HPM-V180W/SR3	HPM-V220W/SR3
Power Supply		V/Ph/Hz	380-415V/3N/50Hz	
Heating ¹	Capacity	kW	18.00	22.00
	Rated Input	kW	3.79	4.89
	COP	/	4.75	4.50
Heating ²	Capacity	kW	18.00	22.00
	Rated Input	kW	4.74	6.11
	COP	/	3.80	3.60
Heating ³	Capacity	kW	18.00	22.00
	Rated Input	kW	5.63	7.10
	COP	/	3.20	3.10
Cooling ⁴	Capacity	kW	18.00	20.00
	Rated Input	kW	3.88	4.59
	EER	/	4.64	4.36
Cooling ⁵	Capacity	kW	18.00	20.00
	Rated Input	kW	5.72	6.90
	EER	/	3.15	2.90
Seasonal space heating energy efficiency class ⁶	Outlet water temp. at 35°C	/	A+++	A+++
	Outlet water temp. at 55°C	/	A+++	A+++
Refrigerant	Type(GWP)	/	3.00	3.00
	Charged volume	kg	2.17	2.17
Sound power Level ⁷ (1m)		dB	55	56
Sound pressure Level ⁷ (1m)		dB(A)	42	43
Net dimension(W×D×H)		mm	1218×497×1568	
Packaged dimension(W×D×H)		mm	1330×590×1721	
Net weight/Gross weight		kg	185/210	
Water piping connection		mm	R1-1/4"	
Water pump head		m	12m	
Ambient temp. range	Cooling	°C	-5~43	
	Heating	°C	-25~35	
	Domestic hot water	°C	-25~43	
Outlet water temp. setting range	Cooling	°C	5~25	
	Heating	°C	25~75	
	Domestic hot water	°C	20~70	

Notes:

- 1.Outdoor air temperature7°C DB, 6°C WB; Water inlet 30°C, Water outlet35°C;
- 2.Outdoor air temperature7°C DB, 6°C WB; Water inlet 40°C, Water outlet45°C;
- 3.Outdoor air temperature7°C DB, 6°C WB; Water inlet 47°C, Water outlet55°C;
- 4.Outdoor air temperature35°C DB; Water inlet 23°C, Water outlet18°C;
- 5.Outdoor air temperature35°C DB; Water inlet12°C, Water outlet7°C;
- 6.Seasonal space heating energy efficiency class testes in average climate general conditions.
- 7.Testing standard: EN12102-1.
- 8.Backup electric heater is external installation.
- 9.Relevant EU standards and legislation: EN14511; EN14825; EN50564; EN12102; (EU) No 811/2013; (EU) No 813/2013; OJ 2014/C 207/02:2014.

