

Varmeks Model	VM-0MB1112008	VM-0MB1112013	VM-0MB1112018	
Power supply	230V/1Ph/50-60Hz	230V/1Ph/50-60Hz	230V/1Ph/50-60Hz	
Circulation pump	Shimge DC pump	Shimge DC pump	Shimge DC pump	
Heating	Heating Capacity Range (kW)	1.57-8.40	4.40-13.00	5.9-18.2
	Heating input Range (kW)	0.32-1.87	0.90-3.02	1.20-4.11
	current Range (A)	1.42-8.30	4.12-13.8	5.49-18.8
	COP Range	4.49-4.91	4.30-4.90	4.43-4.92
Cooling	Cooling capacity Range (kW)	0.99-6.22	2.80-8.20	3.81-11.53
	Cooling input power(kW)	0.29-2.18	0.85-3.31	1.11-4.05
	current Range (A)	1.28-9.67	3.89-15.1	5.08-18.5
	EER Range	2.85-3.41	2.48-3.29	2.85-3.43
DHW	Heating capacity Range (kW)	1.28-6.81	3.52-10.50	4.80-14.72
	Heating input Range (kW)	0.31-2.13	0.88-3.39	1.17-4.60
	current Range (A)	1.38-9.45	4.03-15.5	5.35-21.1
	COP Range	3.2-4.1	3.1-4.0	3.2-4.1
Refrigerant	R32 (GWP only 1/3 of R410a)			
Working area	-30~43 °C			
Water circulation (m <sup>3</sup> /H)	1,4	2,2	3,1	
Water pressure drop (kPa)	31	25	35	
IP Grade (Level of protection)	IPX4	IPX4	IPX4	
Anti-electric shock Rate	I	I	I	
Noise (dB(A))	≤53	≤55	≤57	
Net weight/Gross weight(kg)	110/120	140/150	170/180	
Diameter of pipe (mm)	DN25	DN25	DN25	
Body size(W*D*H) (mm)	970×475×835	1100×475×985	1050×480×1330	
Packing size(W*D*H) (carton)	1028×520×974	1120×515×1108	1100×530×1470	
Packing size(W*D*H) (Polywood)	1048×520×974	1140×515×1110	1120×530×1470	
Loading quantity (20GP/40GP/40HQ)	44/88/88	44/88/88	22/42/42	
ErP Level (35 °C / 55 °C)	A+++ / A++	A+++ / A++	A+++ / A++	
Compressor Brand	Panasonic			
Four-way valve	Sanhua			
Expansion valve	Sanhua			
Operating water temp. (°C) DHW	9-60 °C			
Operating water temp. (°C) heating	9-50 °C			
Operating water temp. (°C) cooling	7-35 °C			
"Testing condition: Heating: Inlet water temp. 30 °C, Outlet water temp. 35 °C, Dry bulb temp. 7 °C, Wet bulb temp. 6 °C. Cooling: Inlet water temp. 12 °C, Outlet water temp. 7 °C, Dry bulb temp. 35 °C, Wet bulb temp. 24 °C. DHW: Inlet water temp. 15 °C, Outlet water temp. 55 °C, Dry bulb temp. 7 °C, Wet bulb temp. 6 °C."				



Energy label A+++



SCOP up to 4.72



Intelligent defrosting



Two electric heater contrai ports



Multiple noise reduction processes