

Varm Boost Series

The Varm Boost series, equipped with environmentally friendly R290 gas, features an A+++ energy label. The Varm Boost series offers heating, cooling, and domestic hot water modes. It can operate in ambient temperatures down to -25°C. Enjoy user convenience with the colored LCD panel.



Energy label A+++



Intelligent defrosting



SCOP up to 4.69



Multiple noise reduction processes



8 kW



11 kW



15 kW



22 kW



Varmeks Model		VM-OMB1402008	VM-OMB1402011	VM-OMB1402015	VM-OMB3402022
Heating Condition - Ambient Temp.(DB/WB): 7/6 °C, Water Temp.(In/Out):30/35 °C					
Heating Capacity Range (kW)		3.3~8.3	4.5~11.4	5.9~14.8	8.8~22.0
Heating Power Input Range(kW)		0.64~2.18	0.85~2.95	1.13~3.83	1.68~5.77
COP Range		3.81~5.17	3.86~5.29	3.86~5.22	3.81~5.24
DHW Condition-Ambient Temp.(DB/WB): 7/6 °C, Water Temp.(In/Out):15/55 °C					
Heating Capacity Range (kW)		3.7~7.4	5.2~10.2	6.6~13.2	7.8~17.6
Heating Power Input Range(kW)		0.79~2.10	1.10~2.87	1.41~3.73	1.67~5.01
COP Range		3.52~4.69	3.55~4.71	3.54~4.67	3.51~4.66
Heated Water output (L/H)		159	219	283	377
Cooling Condition - Ambient Temp.(DB/WB):35/24 °C, Water Temp.(In/Out):12/7 °C					
Cooling Capacity Range (kW)		2.4~5.8	3.3~8.2	4.3~10.8	6.2~15.3
Cooling Power Input Range(kW)		0.79~2.19	1.08~3.07	1.39~3.99	1.99~5.60
EER Range		2.65~3.04	2.67~3.06	2.71~3.10	2.73~3.12
Space Heating (According to EN14825:2022) Average Climate Water Outlet 35°C	Rated Heat Output (kW)	5,82	7,89	9,95	14,05
	Seasonal Space Heating Energy Efficiency (ηs)	182.7%	181.0%	182.9%	184.6%
	Seasonal Space Heating Energy Efficiency (SCOP)	4,64	4,6	4,65	4,69
	ErP Level	A+++	A+++	A+++	A+++
	Sound Pressure Level (dB(A)) at 1 meter	44	43	45	45
	Sound Power Level (dB(A))	58	57	59	60
Space Heating (According to EN14825:2022) Average Climate Water Outlet 55°C	Rated Heat Output (kW)	5,59	8,7	9,23	13,47
	Seasonal Space Heating Energy Efficiency (ηs)	136.0%	137.0%	131.9%	138.9%
	Seasonal Space Heating Energy Efficiency (SCOP)	3,48	3,5	3,37	3,55
	ErP Level	A++	A++	A++	A++
	Sound Pressure Level (dB(A)) at 1 meter	44	47	46	46
	Sound Power Level (dB(A))	58	61	60	62
Power Supply		230V/1Ph/50 Hz/60 Hz			380V/3Ph/50-60Hz
Max. Power Input (kW)		3,1	4,1	5,2	7,6
Max. Current (A)		14,2	18,8	23,8	14,3
Fuse or Circuit Breaker (A)		20	25	32	20
Wire Diameter mm ²		2,5	4	6	4
Diameter of Pipe (mm)		DN25	DN25	DN25	DN25
Water Flow (m ³ /h)		1,43	1,96	2,55	3,78
Water Pressure Drop (max) kPa		30	35	40	45
Net Weight (kg)		112	120	138	170
Body Size (W*D*H) (mm)		1080×460×820	1080×460×960	1080×480×1060	1080×480×1372
IP Grade (Level of protection)		IPX4	IPX4	IPX4	IPX4
Anti-Electric Shock Rate		I	I	I	I
Refrigerant		R290/1.0kg	R290/0.95kg	R290/1.45kg	R290/1.4kg
Compressor		Brand	HIGHLY	HIGHLY	HIGHLY
Water Pump		Brand	SHIMGE	SHIMGE	SHIMGE

Operation ambient temp. (°C) : -25~43 °C

Operating water temp. (°C) :20~65 °C (DHW)

Operating water temp. (°C) : 20~70 °C (Heating)

Operating water temp. (°C) : 7~35 °C (Cooling)