NEW

BIODOM

NEW LINE OF HEAT PUMPS
BIODOM VULKAN

The new **Biodom Vulkan** heat pump line brings efficient, reliable and eco-friendly heating to every home.

The Biodom Vulkan heat pump uses the state-of-the-art **natural refrigerant R290 – propane,** which has an extremely low environmental impact and is one of the most sustainable solutions in heating technology.

The monoblock design ensures **easy installation, high reliability and a long service life.**

Thanks to its performance, Vulkan is also suitable for poorly insulated buildings with radiator heating systems, as it can heat water up to 75 °C.



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ADVANTAGES

- SUITABLE FOR RADIATOR HEATING SYSTEMS
- FLOW TEMPERATURE UP TO **70 °C**
- ECO-FRIENDLY REFRIGERANT **R290**
- RELIABLE OPERATION EVEN AT **LOW OUTDOOR TEMPERATURES**
- HIGH ENERGY EFFICIENCY
- **MONOBLOCK** DESIGN
- **WI-FI** CONTROL
- AIR-TO-WATER

OPERATING MODES

HEATING • COOLING • DOMESTIC HOT WATER

MODEL NAME:	BIODOM VULKAN 6P	BIODOM VULKAN 8.3P	BIODOM VULKAN 11.4P	BIODOM VULKAN 14.8P	BIODOM VULKAN 22P
Heating conditions - ambient temperature (DB/WB): 7/6 °C, water temperature (inlet/outlet): 30/35 °C					
Heating capacity range (kW)	2.5~6.0	3.3~8.3	4.5~11.4	5.9~14.8	7.2~18.2
Heating power input range (kW)	0.48~1.44	0.64~2.07	0.85~2.85	1.13~3.69	1.38~4.54
COP range	4.16~5.21	4.01~5.17	4.00~5.29	4.01~5.22	4.01~5.22
DHW conditions - ambient temperature (DB/WB): 7/6 °C, water temperature (inlet/outlet): 15/55 °C					
Heating capacity range (kW)	2.6~5.3	3.7~7.4	5.2~10.2	6.6~13.2	7.5~16.8
Heating power input range (kW)	0.56~1.50	0.79~2.10	1.10~2.87	1.41~3.73	1.61~4.79
COP range	3.53~4.64	3.52~4.69	3.55~4.71	3.54~4.67	3.51~4.66
Hot water output (L/h)	114	159	219	283	361

MODEL NAME:	BIODOM VULKAN 6P	BIODOM VULKAN 8.3P	BIODOM VULKAN 11.4P	BIODOM VULKAN 14.8P	BIODOM VULKAN 22P
Cooling conditions - ambient temperature (DB/WB): 35/24 °C, water temperature (inlet/outlet): 12/7 °C					
Cooling capacity range (kW)	1.7~4.2	2.4~5.8	3.3~8.2	4.3~10.8	5.6~14.1
Cooling power input range (kW)	0.53~1.3	0.79~2.19	1.08~3.28	1.39~4.15	1.80~5.38
EER range	3.06~3.20	2.65~3.04	2.50~3.06	2.60~3.10	2.62~3.11
Power supply	230V/1Ph/50Hz/60Hz		380V/3Ph/50-60Hz		
Pipe diameter (mm)	DN25	DN25	DN25	DN25	DN25
Noise dB(A)	≤47	≤47	≤50	≤52	≤53
Net weight (kg)	105	105	116	130	166
Unit dimensions (W×D×H) (mm)	1080×460×820	1080×460×820	1080×460×960	1080×480×1060	1080×480×1372
IP protection rating	IPX4	IPX4	IPX4	IPX4	IPX4
Electric shock protection class	I	I	I	I	I
Operating ambient temperature (°C)	-25~43°C				
Operating water temperature (°C) - DHW	20~65°C(DHW)				
Operating water temperature (°C) - heating	20~70°C(Heating)				
Operating water temperature (°C) - cooling	7~35°C(Cooling)				

VISIT US AT
www.biodom.eu

At BIODOM, we have been working with heating appliances for more than 25 years. In addition to our own production, we offer installation, technical support and servicing of Biodom products throughout Europe through our representatives, who have their own installers and service teams.



BIODOM EUROPE

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