

MONOBLOCK HEAT PUMP (Monofaze)

HP-RST-MF-006-N-M1

HP-RST-MF-013-N-M1

HP-RST-MF-009-N-M1

HP-RST-MF-016-N-M1

The device with a monoblock design does not require an indoor unit and therefore takes up no space inside the house. It is easy to install. Heat pumps for residential buildings are available in single-phase variants with 6 kW, 9 kW, 13 kW, and 16 kW.



This device, which can meet the need for heating, cooling, and hot water, operates with Full DC Inverter technology and has an A+++ energy efficiency rating according to ErP standards. Thanks to EVI technology, it delivers effective performance even at low temperatures from -25°C to +43°C, offering high efficiency.

Equipped with a Mitsubishi compressor, eco-friendly R32 refrigerant, an LCD touchscreen, and Wi-Fi control for remote on/off switching, mode change, water temperature adjustment, programming, fault diagnosis, and the option for PV panel integration, the device operates at a low noise level of 42 dB.

Product Features



Energy Class



Refrigerant



Economical



WI-FI



SG-READY



All-in-one Device



High Efficiency



Full DC Inverter Technology



Smart Water Temperature Adjustment



EVI Technology

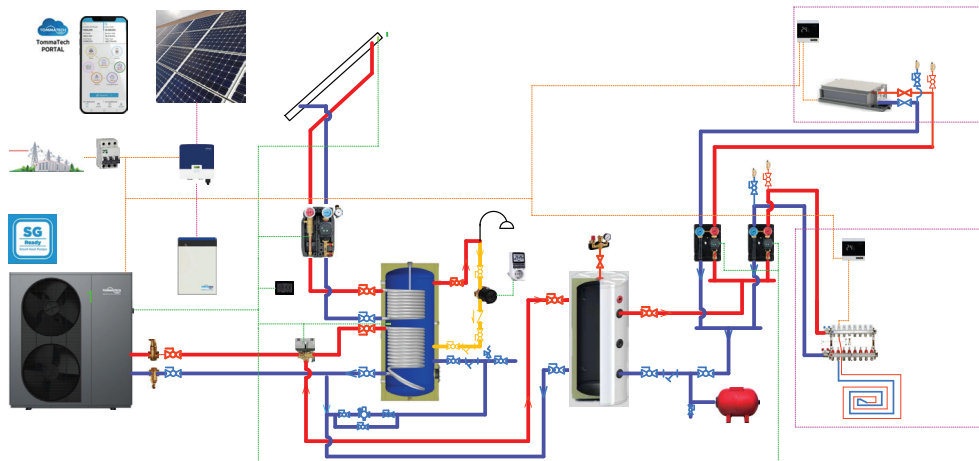


Low Noise Level



Cascade System

Connection Diagram



Model	HP-RST-MF-006-N-M1	HP-RST-MF-009-N-M1	HP-RST-MF-013-N-M1	HP-RST-MF-016-N-M1
Power Supply (V/Ph/Hz)	220-240V~/50Hz			
Refrigerant Type	R32			
(Space Heating) Ambient Temperature (DB/WB): 7°C/6°C, Water Temperature (Inlet/Outlet): 30°C/35°C.				
Max. Heating Capacity	1.73~6.06	2.32~9.13	4.32~13.15	4.81~15.88
Power Input (kW)	0.28~1.31	0.38~2.04	0.71~2.90	0.81~3.91
COP	6.18~4.63	6.11~4.48	6.08~4.53	5.94~4.06
(Space Cooling) Ambient Temperature (DB/WB): 7°C/6°C, Water Temperature (Inlet/Outlet): 50°C/55°C.				
Max. Cooling Capacity (kW)	1.12~5.29	1.81~8.35	3.63~11.91	3.90~15.99
Power Input (kW)	0.26~2.03	0.43~2.92	0.87~4.26	1.03~5.92
COP	4.31~2.61	4.21~2.86	4.17~2.80	3.79~2.70
(Space Cooling) Ambient Temperature (DB/WB): 35°C/ -, Water Temperature (Inlet/Outlet): 12°C/7°C.				
Max. Cooling Capacity (kW)	0.97~4.86	1.43~7.93	4.06~9.52	2.63~13.66
Power Input (kW)	0.21~1.76	0.32~2.48	1.05~3.62	0.59~4.81
EER	4.62~2.76	4.47~3.20	3.87~2.63	4.46~2.84
(Hot Water) Ambient Temperature (DB/WB): 20°C/15°C, Water Temperature 15°C to 55°C.				
Max. Heating Capacity	7,32	10,31	12,86	16,81
Power Input (kW)	1,73	2,43	3,01	3,94
COP	4,22	4,25	4,27	4,27
ErP-Level (35°C)	A+++			
ErP-Level (55°C)	A++			
Air Side Heat Exchanger	3			
Max. Power Input (kW)	5.1(2.1+3)	6.8(3.8+3)	7.4(4.4+3)	9.6(6.6+3)
Max. Operating Current (A)	23.2(9.5+13.7)	31(17.3+13.7)	33.7(20+13.7)	42.4(28.7+13.7)
Circulation Pump	Built-in			
Fan Motor Type	DC-Motor			
Water Side Heat Exchanger	Plate Heat Exchanger			
Water Pipe Connection	7 inch Color Touch Screen7-Zoll-Farb-Touchscreen			
Expansion Tank Volume (L)	2	2	Yes	2
Screen				
Wi-Fi Function				
Nominal Water Flow Rate (m³/h)	1,00	1,60	2,1	2,7
Water Pressure Drop (kPa)	17,00	20,00	22	24
Water Pipe Connection	1"	1 1/4"	1 1/4"	1 1/4"
Sound Pressure Level at 1m dB (A)	38~46	43~55	43~55	44~55
Operating Range (°C)	-25~43 °C			
Max. Outlet Water Temperature (°C)	60			
Waterproof Class	IPX4			
Electric Shock Resistance	I			
Net Dimensions (W/D/H) (mm)	1180x440x715	1263x440x875	1263x440x875	1263x440x1377
Net Weight (kg)	82	107	111	120