

## MONOBLOCK HEAT PUMP (Trifaze)

HP-RST-TF-016-N-M1 HP-RST-TF-026-N-M1

HP-RST-TF-020-N-M1



This monoblock-design device contains no indoor unit. Therefore, it is easy to install and takes up no space inside the home. Residential heat pumps have been developed in three variants: three-phase with 16 kW, 20 kW, and 26 kW.

Meets the complete demand for heating, cooling, and hot water. Energy efficiency class of A+++ according to EU standards. EVI technology enables high performance at temperatures between -25°C and +43°C.

Equipped with a Mitsubishi compressor, eco-friendly R32 refrigerant, easy control through a user-friendly LCD touchscreen, remote access via Wi-Fi control, and a low noise level (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

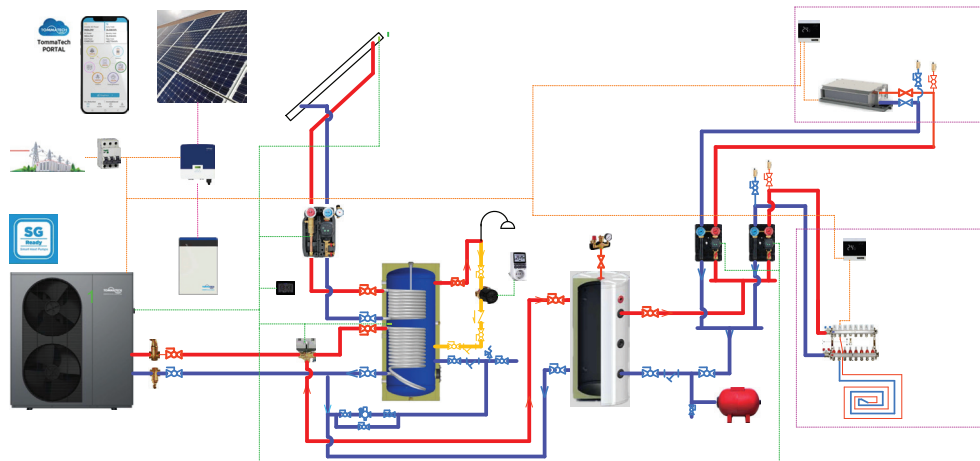


Low Noise Level



Cascade System

### Connection Diagram



Model	HP-RST-TF-016-N-M1	HP-RST-TF-020-N-M1	HP-RST-TF-026-N-M1
Power Supply (V/Ph/Hz)	380-415V/3N~/ 50Hz		
Refrigerant Type	R32		
(Space Heating) Ambient Temperature (DB/WB): 7°C/6°C, Water Temperature (Inlet/Outlet): Max. Heating			
Capacity	4.81~15.88	6.36~20.44	8.54~25.93
Power Input (kW)	0.81~3.91	1.08~4.61	1.46~6.08
COP	5.94~4.06	5.87~4.33	5.82~4.26
(Space Heating) Ambient Temperature (DB/WB): 7°C/6°C, Water Temperature (Inlet/Outlet): 50°C/55°C.			
Max. Heating Capacity	3.90~15.99	3.41~17.69	4.67~22.27
Power Input (kW)	1.03~5.92	0.89~7.04	1.04~8.66
COP	3.79~2.70	4.32~2.51	4.28~2.57
(Space Heating) Ambient Temperature (DB/WB): 35°C/ -, Water Temperature (Inlet/Outlet): 12°C/7°C.Max.			
Cooling Capacity (kW)	2.63~13.66	3.31~16.82	4.37~21.85
Power Input (kW)	0.59~4.81	0.76~6.44	1.02~8.40
EER	4.46~2.84	4.32~2.61	4.25~2.60
(Hot Water) Ambient Temperature (DB/WB): 20°C/15°C, Water Temperature 15°C to 55°C.			
Max. Heating Capacity	16.81	23.95	31.07
Power Input (kW)	3.94	5.05	6.52
COP	4.27	4.74	4.76
ErP Level (35°C)	A+++		
ErP Level (55°C)	A++		
Electric Heater Nominal Input (kW)	3		
Max. Power Input (kW)	9.6(6.6+3)	10.2(7.2+3)	12.7(9.7+3)
Max. Operating Current (A)	42.4(28.7+13.7)	26(12.3+13.7)	30.4(16.7+13.7)
Circulation Pump	Built-in		
Fan Motor Type	DC Motor		
Water Side Heat Exchanger	Plate Heat Exchanger		
Air Side Heat Exchanger	Fin Heat Exchanger		
Expansion Tank Volume (L)	5		
Screen	7 inch Color Touch Screen		
Wi-Fi Function	Yes		
Nominal Water Flow Rate (m³/h)	2.7	3.4	4.4
Water Pressure Drop (kPa)	24	28	31
Water Pipe Connection	1 1/4"	1 1/4"	1 1/2"
Sound Pressure Level at 1m dB (A)	44~55	45~58	46~59
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)	1263 x 440 x 1377		
Net Weight (kg)	130	135	140