

## MONOBLOCK TITAN SERIES 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.

### 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

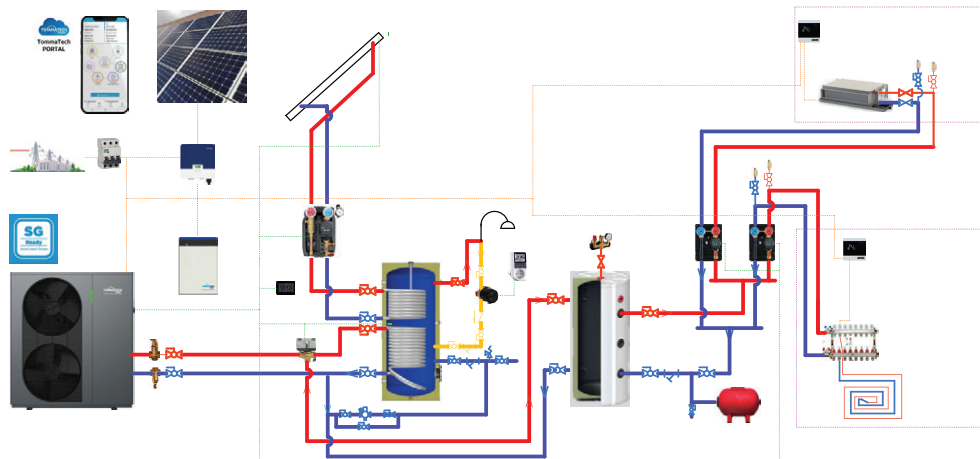


Low Noise  
Level



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                | 6.36~20.49         | 8.54~26.08         |
| Power Input (kW)                                                                                      | 0.81~3.91                 | 1.08~4.89          | 1.46~6.26          |
| COP                                                                                                   | 5.94~4.06                 | 5.87~4.19          | 5.85~4.17          |
| (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                | 3.41~18.8          | 4.67~25.9          |
| Power Input (kW)                                                                                      | 1.03~5.92                 | 0.89~7.13          | 1.04~9.62          |
| COP                                                                                                   | 3.79~2.70                 | 3.83~2.64          | 4.49~2.69          |
| (Space Heating) Ambient Temperature (DB/WB): 35°C/ -, Water Temperature (Inlet/Outlet): 12°C/7°C.Max. |                           |                    |                    |
| Cooling Capacity (kW)                                                                                 | 2.63~13.66                | 3.31~17.4          | 4.37~21.4          |
| Power Input (kW)                                                                                      | 0.59~4.81                 | 0.76~6.14          | 1.02~7.32          |
| EER                                                                                                   | 4.46~2.84                 | 4.36~2.83          | 4.28~2.92          |
| (Hot Water) Ambient Temperature (DB/WB): 20°C/15°C, Water Temperature 15°C to 55°C.                   |                           |                    |                    |
| Max. Heating Capacity                                                                                 | 16.81                     | 23.97              | 26.98              |
| Power Input (kW)                                                                                      | 3.94                      | 5.65               | 6.47               |
| COP                                                                                                   | 4.27                      | 4.24               | 4.17               |
| ErP Level (35°C)                                                                                      | A+++                      |                    |                    |
| ErP Level (55°C)                                                                                      | A++                       |                    |                    |
| Electric Heater Nominal Input (kW)                                                                    | 9                         |                    |                    |
| Max. Power Input (kW)                                                                                 | 15.6(6.6+9)               | 16.5(7.5+9)        | 20.5(11.5+9)       |
| Max. Operating Current (A)                                                                            | 25.2(11.5+13.7)           | 26.4(12.7+13.7)    | 33.2(19.5+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                 | 51                 |
| Water Pipe Connection                                                                                 | 1 1/4"                    | 1 1/4"             | 1 1/4"             |
| 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 1375         |                    |                    |
| Net Weight (kg)                                                                                       | 163                       | 168                | 173                |