

MONOBLOCK TITAN SERIES HEAT PUMP (Three-Phase)

HP-RST-TF-016-N-M1

HP-RST-TF-020-N-M1

HP-RST-TF-026-N-M1



The TITAN Monoblock Heat Pump combines high energy efficiency, reliable performance, and user-friendly operation in a compact system. Thanks to its monoblock design, no indoor unit is required, reducing installation effort and space requirements.

Available in three-phase capacities ranging from 16 kW to 26 kW, the series is ideal for residential and commercial applications. Full DC Inverter technology automatically adjusts output to match energy demand, ensuring efficient and economical operation.

The TITAN Series achieves an energy efficiency rating of A+++ and provides reliable heating, cooling, and domestic hot water production. EVI technology ensures stable operation in outdoor temperatures ranging from -25°C to +43°C.

Equipped with eco-friendly R32 refrigerant, a 7-inch LCD touchscreen, and integrated Wi-Fi control, the heat pump offers outstanding user convenience. Remote access, scheduling functions, intelligent fault diagnostics, and PV integration make the TITAN Series a future-ready solution.

Product Features



Cooling



Heating



Hot Water



Energy Class



Refrigerant



Economical



Remote Control



SG-READY



All in One Device



High Efficiency



Full DC Inverter Technology



Automatic Outlet Water Temperature



EVI Technology

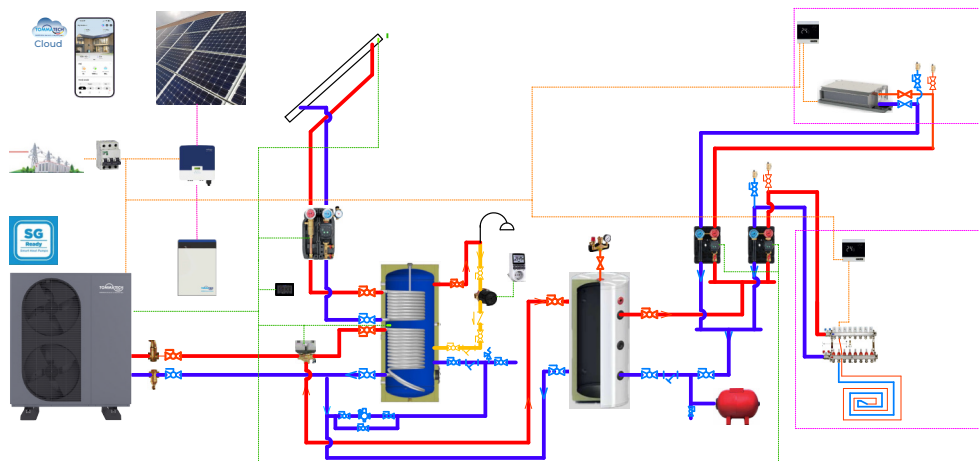


Low Noise Level



Cascade System (8 Units)

Wiring Diagram



Model	HP-RST-TF-016-N-M1	HP-RST-TF-020-N-M1	HP-RST-TF-026-N-M1
Refrigerant	R32		
Heating Condition - Ambient Temp.(DB/WB): 7/6°C, Water Temp.(In/Out):30/35°C			
Heating Capacity Range (kW)	4.81~15.88	6.36~20.49	8.54~26.08
Heating Power Input Range(kW)	0.81~3.91	1.08~4.89	1.46~6.26
COP Range	5.94~4.06	5.89~4.19	5.85~4.17
DHW Condition- Ambient Temp.(DB/WB): 7/6°C, Water Temp.(In/Out):50/55°C			
Heating Capacity Range (kW)	3.90~15.99	3.41~18.8	4.67~25.9
Heating Power Input Range(kW)	1.03~5.92	0.89~7.13	1.04~9.62
COP Range	3.79~2.70	3.83~2.64	4.49~2.69
Cooling Condition - Ambient Temp.(DB/WB):35/24°C, Water Temp.(In/Out):12/7°C			
Cooling Capacity Range (kW)	2.63~13.66	3.31~17.4	4.37~21.4
Cooling Power Input Range(kW)	0.59~4.81	0.76~6.14	1.02~7.32
ErP Level (35°C)	A+++		
ErP Level (55°C)	A++		
Sound pressure level (dB(A)) at 1 meter	48	56	57
Power supply	380-415V/3N~/ 50Hz		
Max. power input(kW)	15.6(6.6+9)	16.5(7.5+9)	20.5(11.5+9)
Max. current (A)	25.2(11.5+13.7)	26.4(12.7+13.7)	33.2(19.5+13.7)
Electric Heater Nominal Input (kW)	9		
Fuse or circuit breaker (A)	10A		
Wire diameter mm ²	10		
Diameter of pipe (mm)	G1 1/4"		
Water Flow(m ³ /h)	2,7	3,4	4,4
Water Pressure Drop (max) kPa	24	28	51
Net Weight (kg)	163	168	173
Body size(W*D*H) (mm)	1263x 440 x 875		
Packing size(W*D*H)(carton)	1327×455x1020		
IP Grade (Level of protection)	IPX4		
Anti-electric shock Rate	/		
Compressor	Twin Rotary Compressor		
Air-Side Heat Exchanger	Finned Heat Exchanger		
Water-Side Heat Exchanger	Plate Heat Exchanger		
Circulation Pump	Frequency-Controlled Internal Circulation Pump		
Fan Motor	DC Fan Motor		
Expansion Vessel Volume (L)	5		
Built-in Domestic Hot Water Tank	/		
Built-in 3-Way Valve	/		
Control Panel	7 inch Colored Touch Screen		
Operation Ambient Temp. (°C)	-25~43		
Max. Outlet Water Temp.	60		
Heating operating water temp. (°C)	30~60		
Cooling operating water temp. (°C)	5~30		
DHW operating water temp. (°C)	20~60		