

INVER-HEAT M

Heating / Cooling / Domestic Hot Water

Parameter

Misouri Model	H20	H30	H40	H40T	H50	H50T	H60	H60T
Power Supply	220V~1Ph	220V~1Ph	220V~1Ph	380V~3N	220V~1Ph	380V~3N	220V~1Ph	380V~3N
Heating Condition-Ambient Temp. (DB/WB):7/6℃, Water Temp. (In/Out):30/35℃								
Heating Capacity Range	2.04-8.54	3.00-10.30	4.4-14.50	4.4-14.50	5.68-18.18	5.68-18.18	7.00-21.00	7.00-21.00
Heating Power Input Range	0.55-2.22	0.66-3.12	0.97-4.40	0.97-4.40	1.25-5.55	1.25-5.55	1.56-6.36	1.56-6.36
Heating Current Input Range	2.41-9.75	2.87-13.57	4.26-19.13	1.75-7.86	5.49-24.37	2.24-9.91	6.78-27.65	2.79-11.36
Cooling Condition-Ambient Temp. (DB/WB):35/24 ℃, Water Temp. (In/Out):12/7℃								
Cooling Capacity Range	0.93-5.06	1.70-7.2	2.60-10.05	2.60-10.05	3.6-12.03	3.6-12.03	4.2-14.0	4.2-14.0
Cooling Power Input Range	0.55-2.37	0.76-3.55	1.12-4.95	1.12-4.95	1.6-5.92	1.6-5.92	1.87-6.90	1.87-6.90
Heating Current Input Range	2.41-10.51	3.30-15.43	4.9-21.52	2.0-8.84	7.10-26.00	2.48-10.57	8.13-30.0	3.34-12.32
Hot Water Condition-Ambient Temp. (DB/WB):20/15℃, Water Temp. (In/Out):15/55℃								
Hot Water Capacity Range	3.08-10.02	3.70-13.60	5.42-17.8	5.42-17.8	7.3-22.0	7.3-22.0	9.5-26.0	9.5-26.0
Hot Water Power Input Range	0.69-2.56	0.93-3.78	1.36-4.94	1.36-4.94	1.8-5.98	1.8-5.98	2.38-7.22	2.38-7.22
Hot Water Current Input Range	3.06-11.19	4.04-16.43	5.91-21.48	2.43-8.82	8.07-26.26	2.79-10.67	10.35-31.40	4.25-12.90
Max. Power Input	3.0	4.0	5.5	5.5	6.5	6.5	7.7	7.7
Max. Current Input	13.5	17.7	24	9.8	30.3	11.61	33.8	13.8
Water Flow	1.0	1.4	1.6	1.6	2.2	2.2	2.9	2.9
Sound Pressure(1m)	38-50	40-52	42-53	42-53	44-54	44-54	44-55	44-55
Sound Power Level	48-64	50-65	52-68	52-68	55-72	55-72	55-73	55-73
Operating Ambient Temperature	Heating: -25~43℃ / Cooling: 0-43℃							
Max Water Temperature	75							
Fan Quantity	1							
Fan Motor Type	DC							
Water Connection	Φ32mm							
Water Pressure Drop (max)	20	20	20	20	40	40	60	60
Circulation Pump	DC							
Circulation Pump Water Head	7.5	9	9	9	10	10	12	12
ErP Level(35℃)	A+++							
ErP Level(55℃)	A++							
Cabinet Type								
Unit Dimension(L/W/H)	1074×465×805	1074×465×805	1074×465×805	1074×465×805	1330×574×930	1330×574×930	1330×574×930	1330×574×930
Shipping Dimension(L/W/H)	1160×500×960	1160×500×960	1160×500×960	1160×500×960	1430×610×1090	1430×610×1090	1430×610×1090	1430×610×1090

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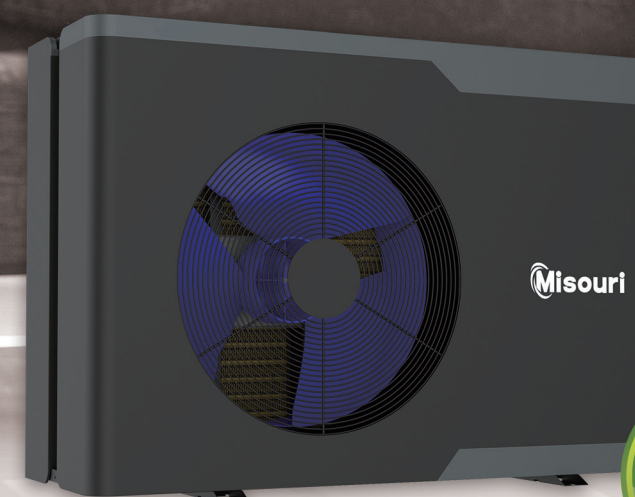
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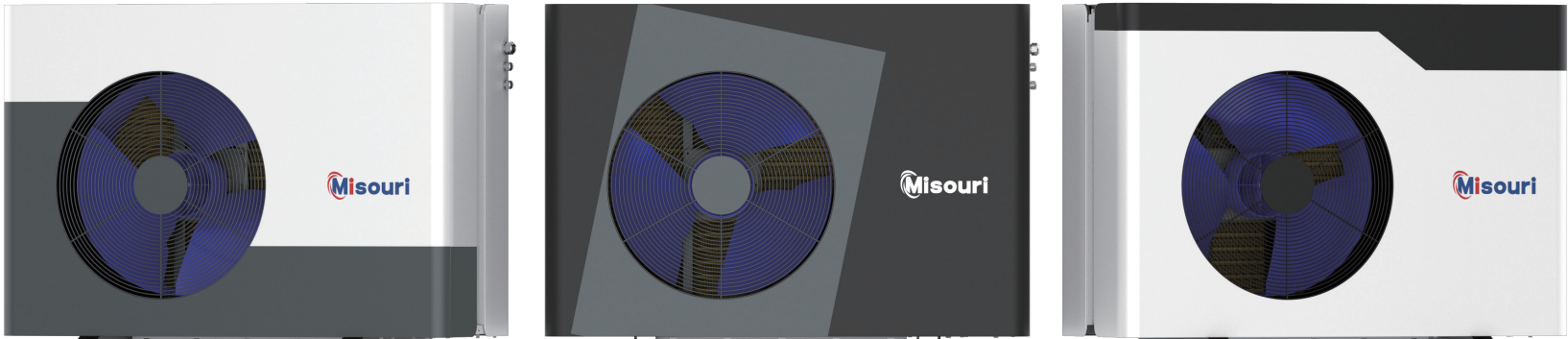


- Easy PV Connection
- Work with Gas Heater
- Different Temp. Output
- Staggering Power Consumption
- IOT Smart Control
- OTA Remote Updating



Innovative Cabinet Design

- Frosted Sheet Metal: Provide a high level texture.
- No Exposed Screws: No screws could be found around the surface, which highly strengthens the whole unity of the cabinet.
- Curved Surface: Curved surface design for the four edges, which is different from the uniform design and reduces the risk of scratches.



Easy PV
Connection



Work with Gas
Heater



Different Temp.
Output



Staggering Power
Consumption



IOT Smart
Control



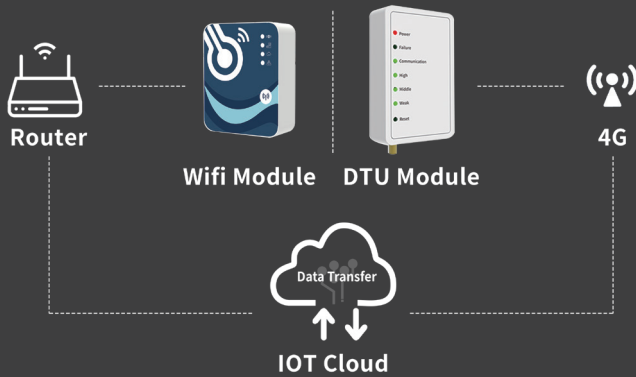
OTA Remote
Updating

Noise Control Technology

low noise level down to

38dB(A)

at 1 meter



Misouri Smart Control



Option 1: 4G DTU

Automatically connected to the Internet by the SIM card inside when the heat pump is powered on (recommended).



Option 2: WIFI Function

Finish the configuration by phone and connect the heatpump to the Internet.



Misouri App

Download Misouri smart App 「Handy Heat Pump」 in Google & Apple Store .



Web Platform

Managing all of your heat pumps by your Misouri Platform Account, which is super easy and useful.

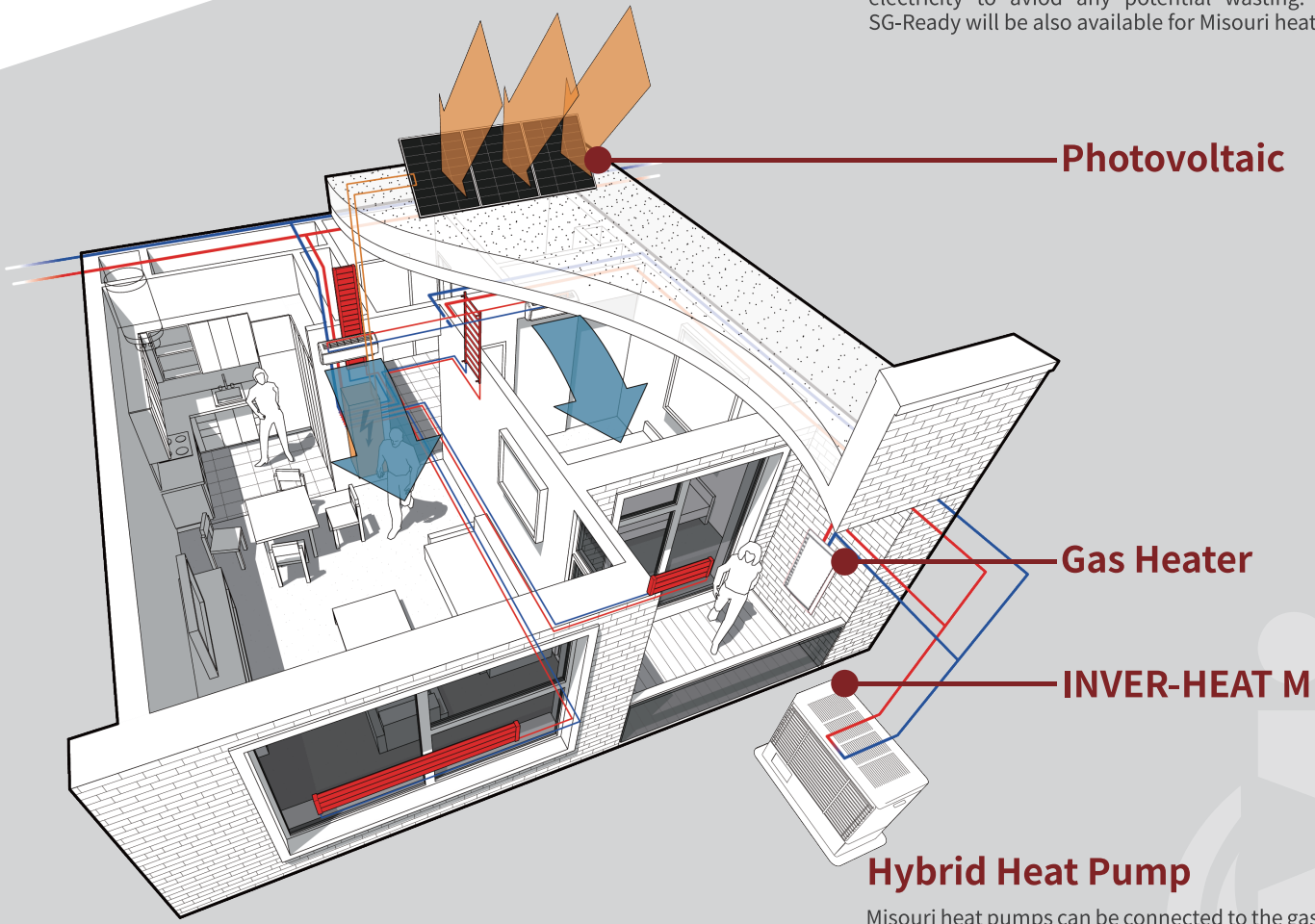


OTA Remote Updating

Avoid complicated maintenance! Misouri can update the software remotely once the heat pump is connected to Internet.

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Misouri PV-Ready

Misouri will provide different solutions to connect Misouri heat pump products to the house PV, Smart Grid and other conditions. Except to realize the staggering power consumption, it can also make the most of the PV electricity to avoid any potential wasting. Besides, SG-Ready will be also available for Misouri heat pumps.

Hybrid Heat Pump

Misouri heat pumps can be connected to the gas heating system to realize the alter native operation between heat pump and gas heater. The control logic can be customized according to the local requirements.