

PARAMETERS

Misouri INVER-M Inverter	INVER-M 15	INVER-M 20	INVER-M 30	INVER-M 40	INVER-M 50	INVER-M 60	INVER-M 60T	INVER-M 70T
Advised pool volume(m ³)	20~40	25~50	30~70	40~80	50~95	65~120	65~120	90~170
Function	Heating ☒ Cooling ☒							
Operating air temperature (℃)	(-7~43)							
Performance Condition (Air 27℃/Water 26℃/Humid. 80%)								
Heating Capacity(kW)	1.6~7.5	2.3~9.0	2.5~12.0	3.1~16.0	3.70~20.0	6.5~24.3	6.5~24.3	7.1~28.2
Heating Capacity(Btu)	5440~25500	7820~30600	8500~40800	10540~54400	12580~68000	22100~82620	22100~82620	24140~95880
Consumed power (kW)	0.12~1.19	0.16~1.41	0.18~1.90	0.22~2.54	0.27~3.22	0.45~3.74	0.45~3.74	0.49~4.41
COP	13.8~6.3	14.2~6.4	14.1~6.3	13.9~6.3	13.8~6.2	14.5~6.5	14.5~6.5	14.3~6.4
Performance Condition (Air 15℃/Water 26℃/Humid. 70%)								
Heating Capacity(kW)	1.2~5.7	1.7~7.0	2.1~9.0	2.4~12.6	2.6~14.5	4.5~19.0	4.5~19.0	5.1~21.0
Heating Capacity(Btu)	4080~19380	5780~23800	7140~30600	8160~42840	8840~49300	15300~64600	15300~64600	17340~71400
Consumed power (kW)	0.17~1.21	0.24~1.46	0.29~1.91	0.34~2.73	0.38~3.15	0.62~3.88	0.62~3.88	0.71~4.38
COP	7.1~4.7	7.2~4.8	7.1~4.7	7.0~4.6	6.9~4.6	7.3~4.9	7.3~4.9	7.2~4.8
Technical Specifications								
Power Supply	230V~1Ph/50Hz						380V/3N~/50Hz	
Casing type	ABS							
Compressor	Mitsubishi RotaryInverter					Panasonic RotaryInverter		
Water Connection (mm)	50							
Fan Quantity	1	1	1	1	1	1	1	1
Fan Speed (RPM)	400-700	400-800	400-800	300-750	400-750	400-800	400-800	400-800
Compressor quantity	1	1	1	1	1	1	1	1
Sound Pressure 1m dB(A)	38-49	39-50	41-52	42-53	43-54	45-56	45-56	46-57
Advised Water Flow Volume (m3/h)	2.5	3.2	4.0	5.2	6.0	8.5	8.5	9.5
Water Pressure Drop (max) kPa	2	3	4	5	5	10.4	12.0	12.0
Package Data								
Unit net size(mm)	1002*403*602			1048*435*767	1161*470*862	1140*490*860		



Misouri

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Misouri

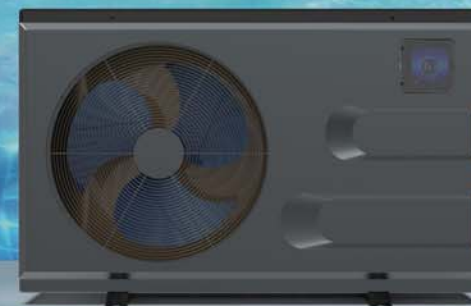
INVER-HEAT

Cutting-edge technology powered by MISOURI

Full DC
Inverter Pool
Heat Pump

INVER-M

- 1.Full DC Inverter Technology
- 2.High Cop up to 14.5
- 3.Smart APP Control
4. Automatic defrosting with smart control
- 5.Soft starter
- 6.4-inches Colorful Touch Screen



Meeting Modern Expectation

Intelligent, power-saving, low-noise, INVER-M heat pumps provide users with comfortable swimming water temperature in a cost-effective and eco-friendly way

Black metal body gives a sense of composed massiness

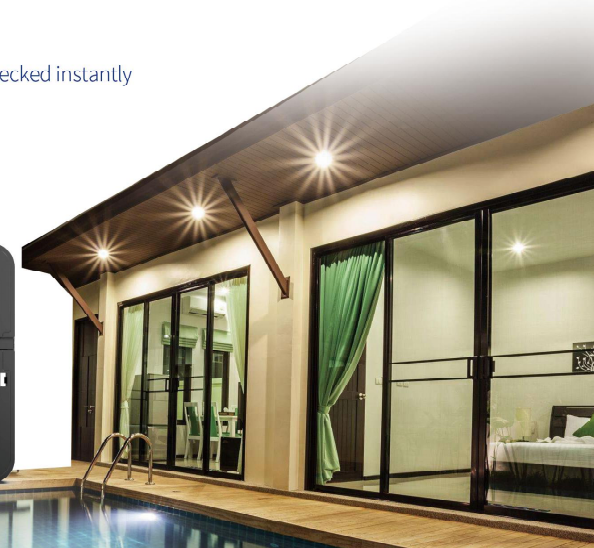
Golden finned heat exchanger

Focusing on simple appearance to evoke a sense of simplicity and comfort.



4-inches Colorful Touch Screen

- Modern and simple interface for easy operation.
- Customized your own UI is available
- Fast parameters checking.
- With diagnostic code, the error can be checked instantly
- 0.1°C precise temperature control.

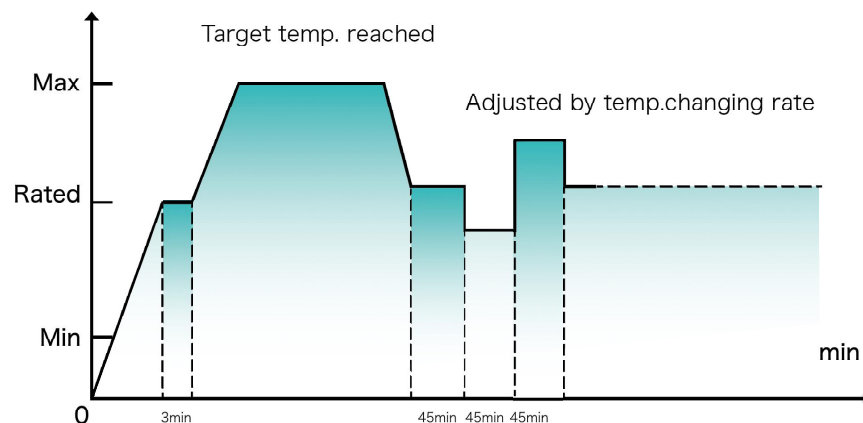


Advanced Technology, Meet Your Comfortable Life

The self-developed inverter technology enables the machine to adjust the compressor frequency according to the change rate of the inlet water temperature in real time, so as to achieve the best energy saving.

Compressor

Frequency



FOCUS ON DETAILS

RUKING DRIVER BOARD

Using the flip method helps to prevent water and dust, and it is very simple and convenient to remove only one screw for after-sales service



MITSUBISHI Compressor

Choosing MITSUBISHI compressor, the heat pump of INVER-M ensures stable working in the perfect performance.



Intelligent APP

Being equipped with Wifi, heat pumps are always in your control, no matter where you are.

