

Misouri

INVER-HEAT

Cutting-edge technology powered by MISOURI

Full DC Inverter Pool Heat Pump

INVER-V

Bring you 10 times quieter swimming environment



- High cop up to 14.5
- Smart APP control with DTU/ WIFI
- Intelligent 4 inches colorful touch display
- 24dB(A) low noise at 10m distance
- Operation air temperature(-7~43°C)
- Centralized control RS485
- Automatic defrosting with smart control
- Soft starter

Misouri

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What Makes INVER-V So Excellent?



- COP
High COP up to 14.5



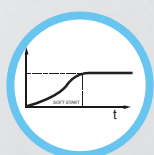
- All-seasons Operating from -7°C - 43°C
The units can work under the air temperature of -7°C , which can extremely extend your swimming season.



- Spiral titanium heat exchanger
Adopting spiral titanium tube, the heat exchanger of INVER-V is of excellent corrosion resistance with high heat exchanging efficiency.



- Screwless surface
The smooth screwless surface of the cabinet is a very obvious signature of the unit which not only builds with quality but also adds to its elegance.



- Soft starter
When the INVER-V is powered on, the current will start from 0A and go up slowly to the rated current which will not affect the house electricity system.

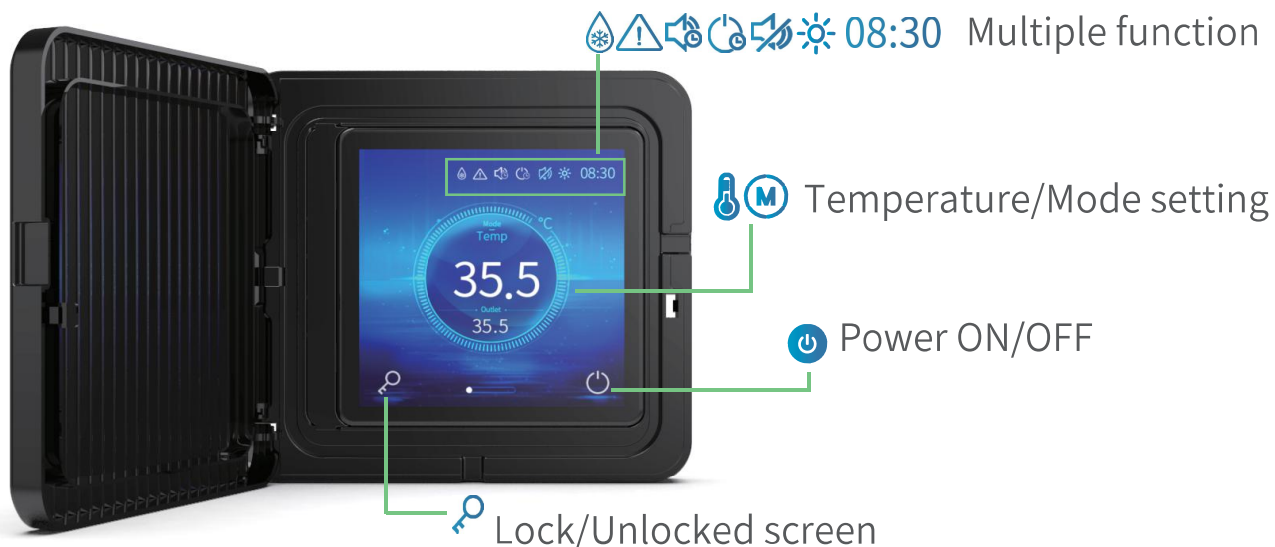


- Smart defrosting
Equipped with 4 way valve, INVER-V achieves fast & efficient defrosting automatically according to working ambient temperature.



Intelligent 4 Inches Colorful Touch Display

Smart Colorful touch display makes the control easier.



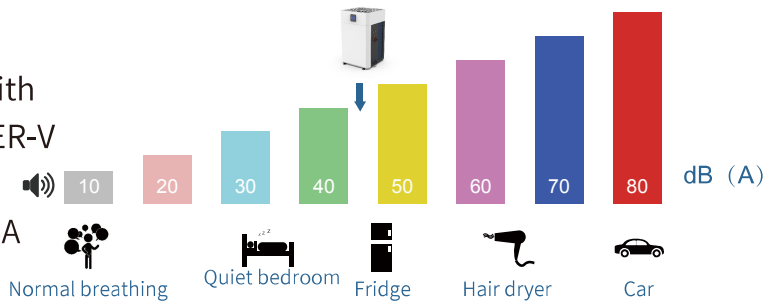
Fashionable Metal Cabinet



INVER-V utilizes the combination of the white -black and vertical discharge which looks modern and elegant. The galvanized steel cabinet take the year and weather in stride while delivering a perfect swimming experience.

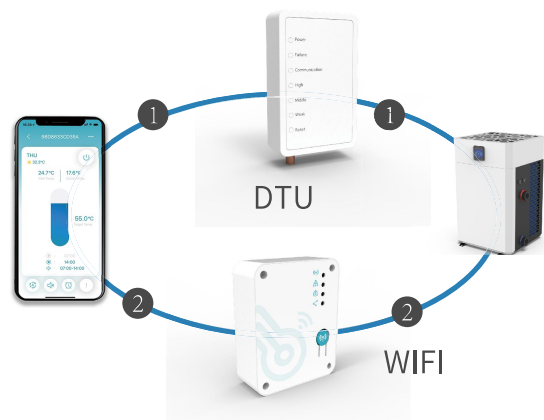
Super Silent

Thanks to the Missouri full inverter technology with a special noise reduction interior structure, INVER-V can bring you 10 times quieter swimming environment with the noise level as low as 41dBA under the silence mode at 1meter.



Smart APP Tontrol

APP Control offers innovative real time management to suit your lifestyle. You can choose either DTU or WIFI for connection which is very multiple and optional.




Parameter

Misouri INVER-V Inverter	INVER-V 30	INVER-V 40	INVER-V 50	INVER-V 50T	INVER-V 60	INVER-V 60T	INVER-V 70	INVER-V 70T	INVER-V 80T
Advised pool volume(m ³)	30-60	40-75	42-84	42-84	50-100	50-100	58-116	60-120	68-136
Function	Heating <input checked="" type="checkbox"/> Cooling <input checked="" type="checkbox"/>								
Operating air temperature (°C)	(-7~43)								
Performance Condition (Air 27°C/Water 26°C/Humid. 80%)									
Heating Capacity(kW)	3.5~13.5	3.8~17.5	5.2~20.6	5.2~20.6	6.2~24.0	6.2~24.0	8.5~28.0	8.5~28.0	10.4~32.0
Heating Capacity(Btu)	11900~40800	12920~59500	17680~70040	17680~70040	21080~81600	21080~81600	28900~95200	28900~95200	35360~108800
Consumed power (kW)	0.26~2.08	0.27~2.73	0.38~3.17	0.38~3.17	0.44~3.53	0.43~3.53	0.60~4.31	0.60~4.31	0.77~4.92
COP	13.5~6.5	13.8~6.4	13.6~6.5	13.6~6.5	14.2~6.8	14.5~6.8	14.2~6.5	14.2~6.5	13.5~6.5
Performance Condition (Air 15°C/Water 26°C/Humid. 70%)									
Heating Capacity(kW)	2.4~10.0	2.8~12.8	4.1~14.8	4.1~14.8	4.8~17.5	4.8~17.5	5.6~20.3	5.6~20.3	6.5~22.5
Heating Capacity(Btu)	8160~34000	9520~43520	13940~50320	13940~50320	16320~59500	16320~59500	19040~69020	19040~69020	22100~76500
Consumed power (kW)	0.32~2.13	0.37~2.78	0.55~3.29	0.55~3.29	0.64~3.65	0.64~3.65	0.71~4.14	0.71~4.14	0.88~5.00
COP	7.5~4.7	7.5~4.6	7.4~4.5	7.4~4.5	7.5~4.8	7.5~4.8	7.9~4.9	7.9~4.9	7.4~4.5
Technical Specifications									
Power Supply	230V/1P/50Hz	230V/1P/50Hz	230V/1P/50Hz	380V/3P/50Hz	230V/1P/50Hz	380V/3P/50Hz	230V/1P/50Hz	380V/3P/50Hz	380V/3P/50Hz
Casing type	Galvanized steel								
Compressor	Panasonic Rotary/Inverter								
Water Connection (mm)	50								
Fan Quantity	1								
Fan Speed (RPM)	500-750	500-750	500-750	500-750	600-800	600-800	600-800	600-800	600-800
Compressor Quantity	1								
Sound Pressure 1m dB(A)	41-53	43-54	44-55	44-55	45-56	45-56	47-58	47-58	48-60
Sound Pressure 10m dB(A)	24-34	26-36	28-38	28-38	30-40	30-40	33-43	33-43	35-45
Advised Water Flow Volume (m ³ /h)	6.5	8	9.5	9.5	10.0	10.0	12.0	12.0	15.0
Water Pressure Drop (max) kPa	6.8	8.5	16.2	16.2	16.2	16.2	23.8	23.8	23.8
Package Data									
Unit Net size(mm)	590*590*850			690*690*980			880*830*1090		

The data above is only a reference. For model specifications, please refer to the nameplate on the unit.

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