



ANHUI MISOURI ECO-ENERGY SOLUTION CO., LTD.

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R454B



R32



R290



R410A

Missouri

CE CB



Missouri

INVER-P

Premium Full Inverter Heat Pump



Appearance

Curved-edge design

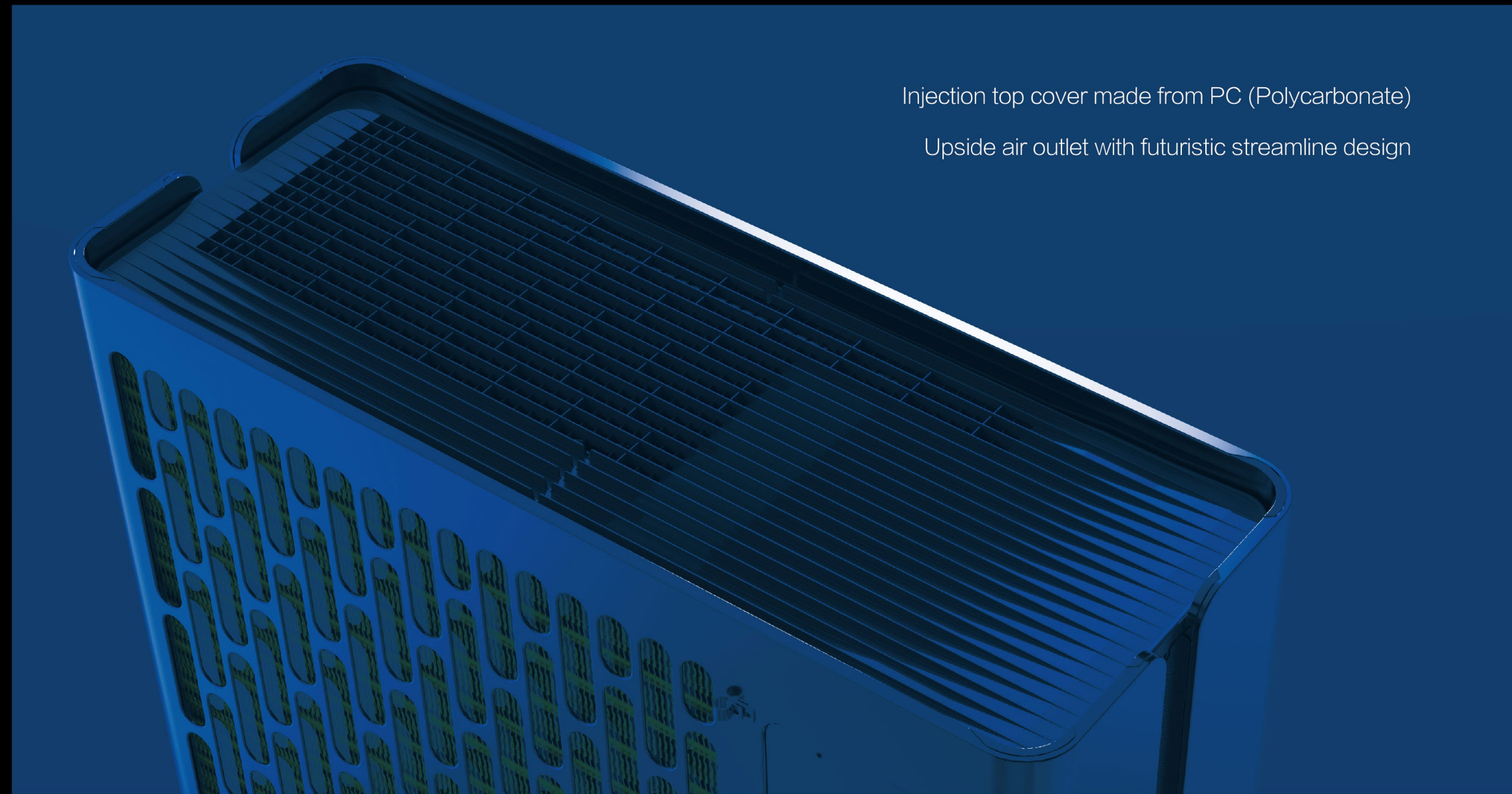
Elegant & Anti-scratching Hands

Patented design:

Exclusive on the Market

Purduct Patent

Number. ZL 2020 3 0650222.4



Injection top cover made from PC (Polycarbonate)

Upside air outlet with futuristic streamline design

Diverse appearance options

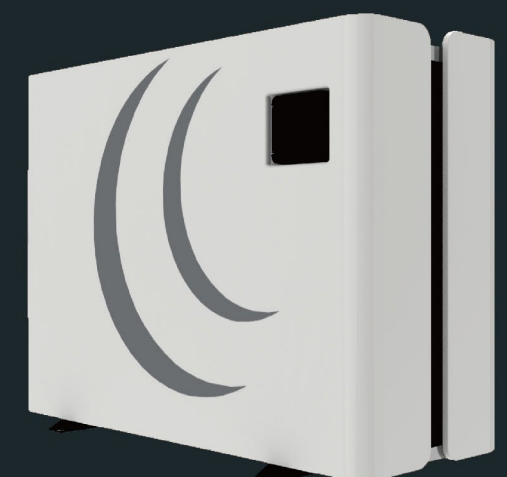


Baked rose gold

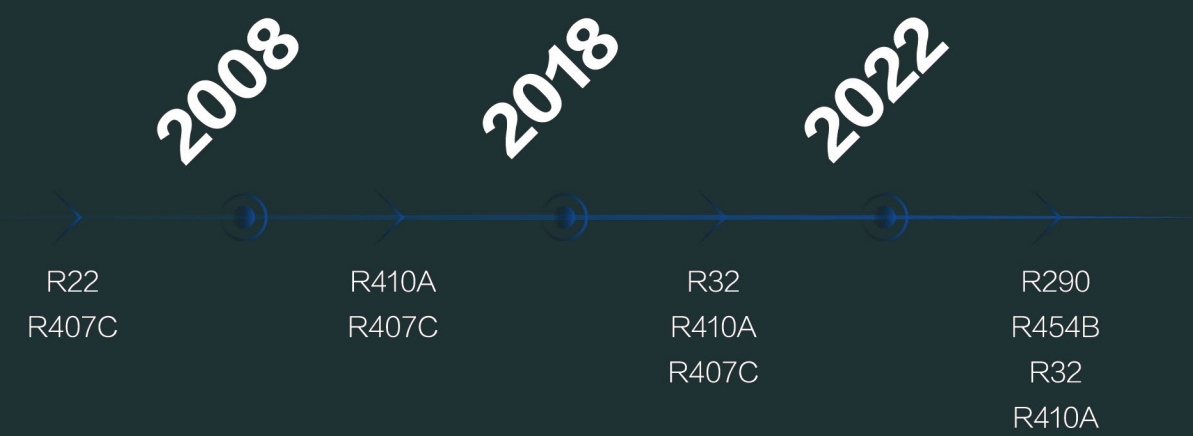


Silver gray frosted

Double- color spray



Evolution of pool heat pump refrigerant



What are the differences of different gases?

Gas type	R290	R32	R454B	R410A
COP	8.2~16.5	7.5~16.5	5.8~16.0	5.6~16.0
Operation temperature	(-25~43)	(-15~43)	(-15~43)	(-15~43)
GWP	3	771	531	2256

The latest IPCC (Intergovernmental Panel on Climate Change) Assessment Report (AR6) lists current GWP values of fluorinated refrigerants available in the market and it is crucial to know that refrigerants with GWP over 750 will be gradually phased out.

The latest IPCC



Refrigerant trend and distribution globally

North America	R410A — R454B	Africa	R410A — R32
South America	R410A — R32	Asia	R410A — R32
Europe	R32 — R290	The Middle East	R407C — R410A
Oceania	R410A — R32		

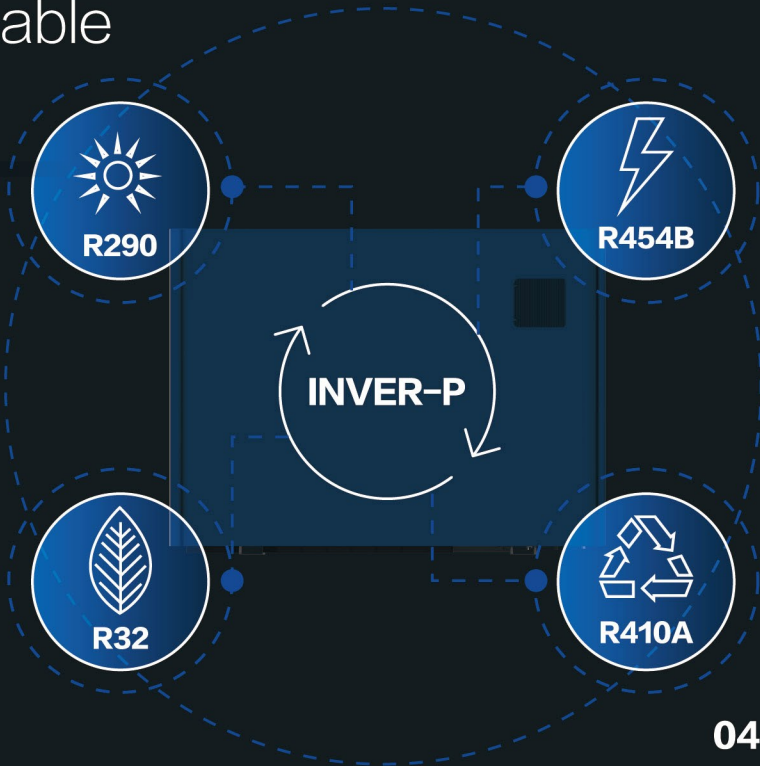


INVER-P development schedule



One platform is available for different gas

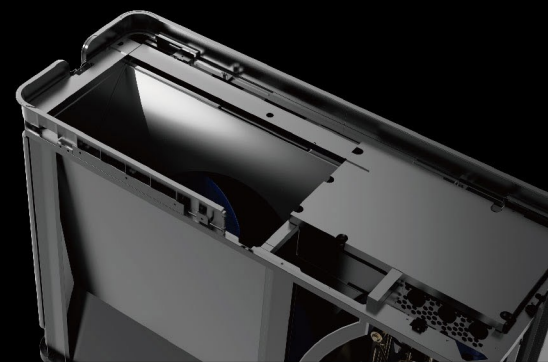
INVER-P can be regarded as a platform that can be compatible with different refrigerants, such as R290, R454B, R32, R410A, and can be equipped with EVI technology, making INVER-P capable of running at extremely cold environment (low to -25°C).



Vertical Air Discharge

Much lower noise experience and free from cold wind disturbance

Unique EPP design guides air to be discharged from the top and bottom.



Triple-protection to lower the noise level



Third Protection:

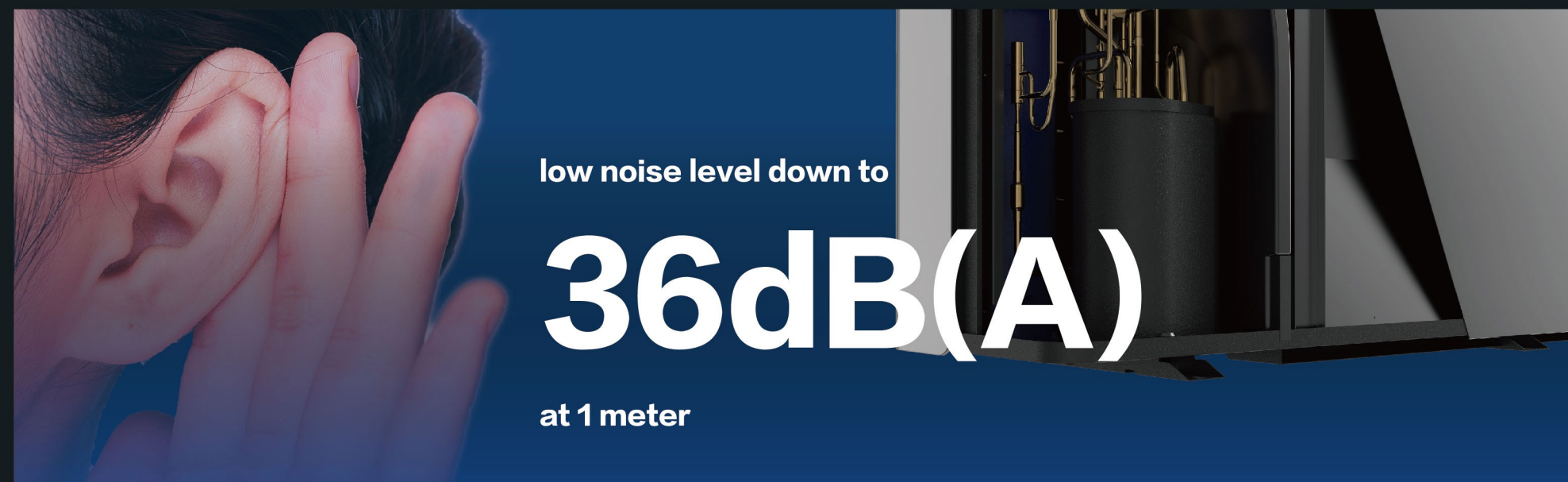
Soundproof sponge around the fan chamber.

Second Protection:

Soundproof sponge around the compressor chamber.

Primary Protection:

Soundproof sponge around the compressor.





Mitsubishi inverter compressor

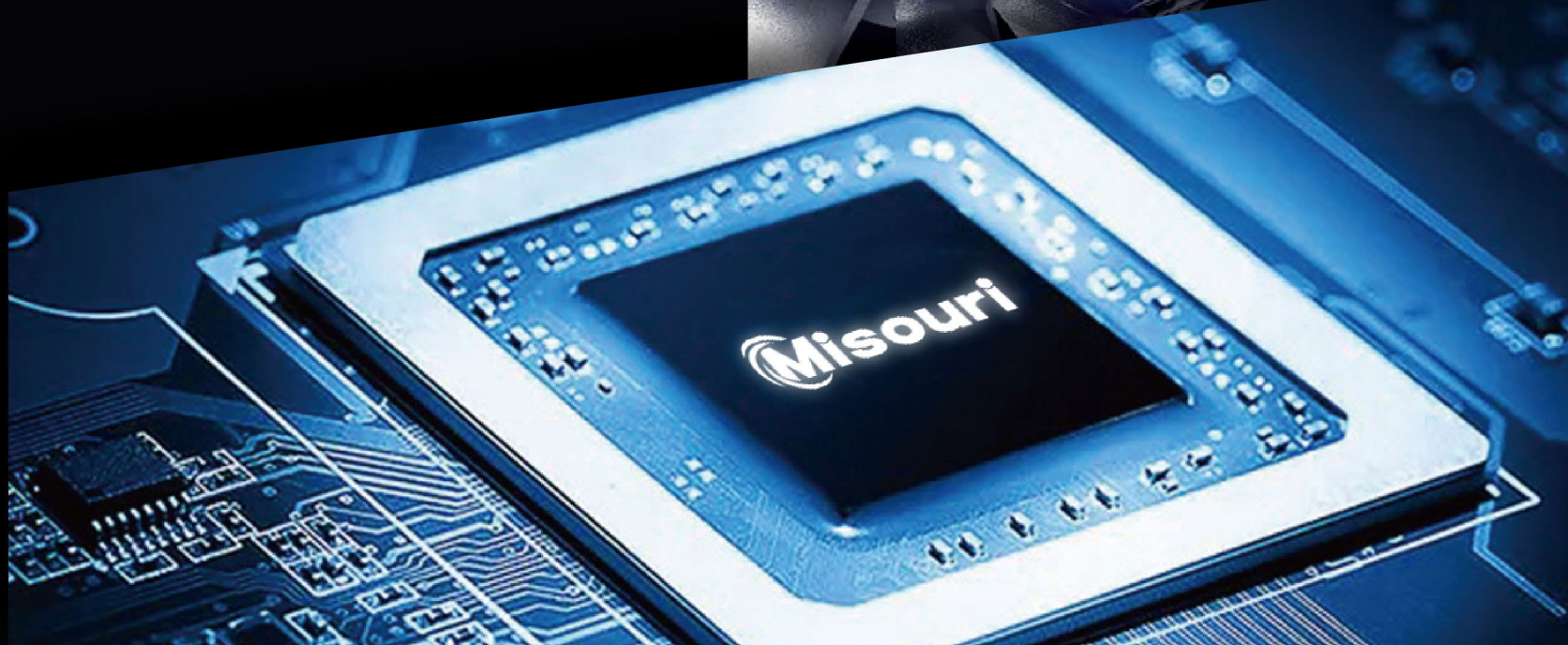
Top and reliable brand in the industry

Brushless DC fan motor

- Stepless speed control
- Lower running noise
- Longer serving life

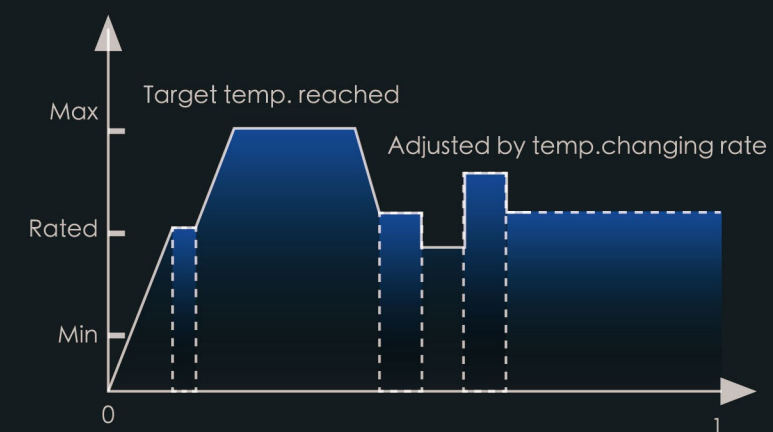
Boost/Smart/Eco mode

Multiple functions meet different heating demands and maintain high running efficiency



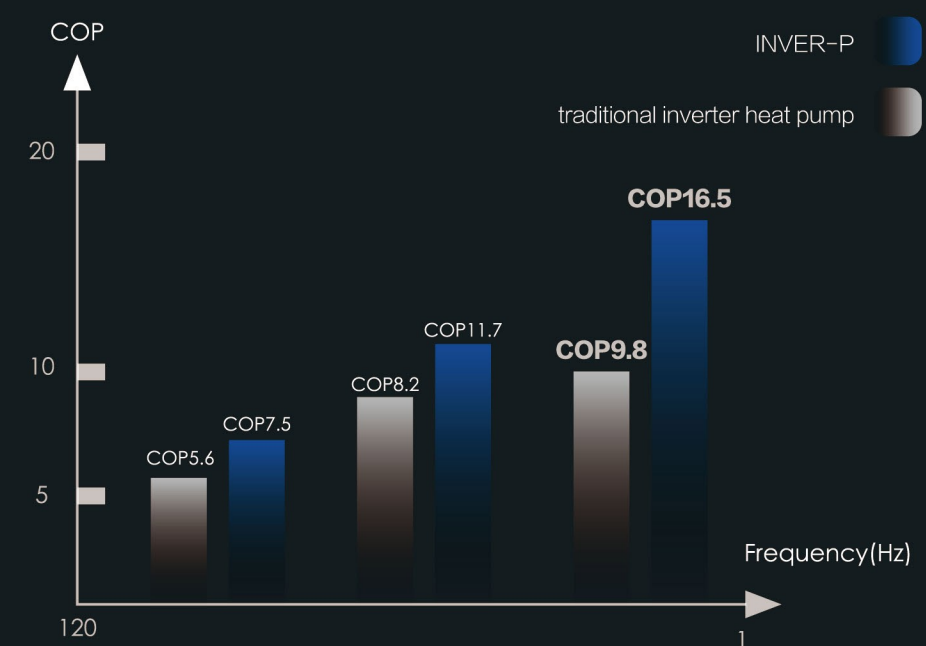
Misouri advanced control logic

Makes the heat pump increase its work frequency 5Hz by 5Hz initially to reach the target temperature. It helps to shorten heating time and meanwhile protect the compressor work for a longer life.



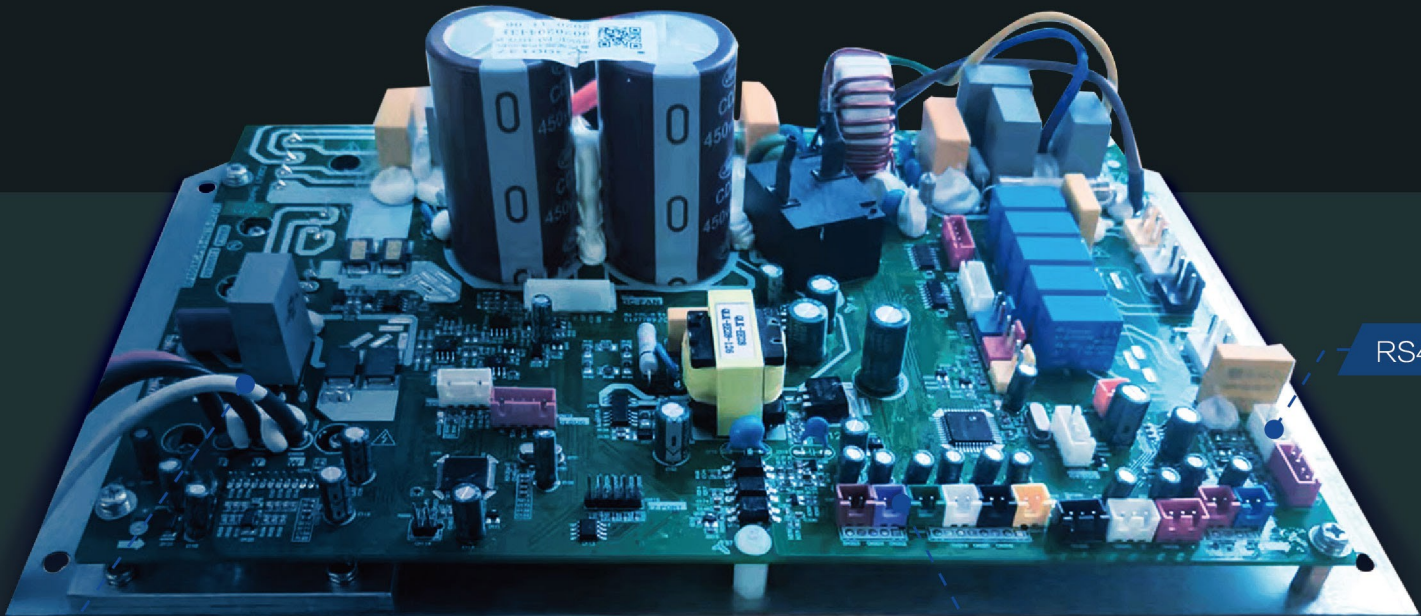
High COP up to 16.5

With Misouri full inverter technology, the INVER-P inverter can reach a COP as high as 16.5 at Air 27°C/ Water 26°C/ Humidity 80%, which is certified under TUV Rheinland.



Integrated Driver Board

INVER-P adopts high-end self-developed integrated driver board which is the core technology owned by Missouri.



Integrated Driver Board and Main Board: Save More Space



Quick-Rease Buckle:Easy Wire Connection

Remote on/off control

RS485 Centralized Control

EUROPE CLOUD SERVER

IOT Platform:

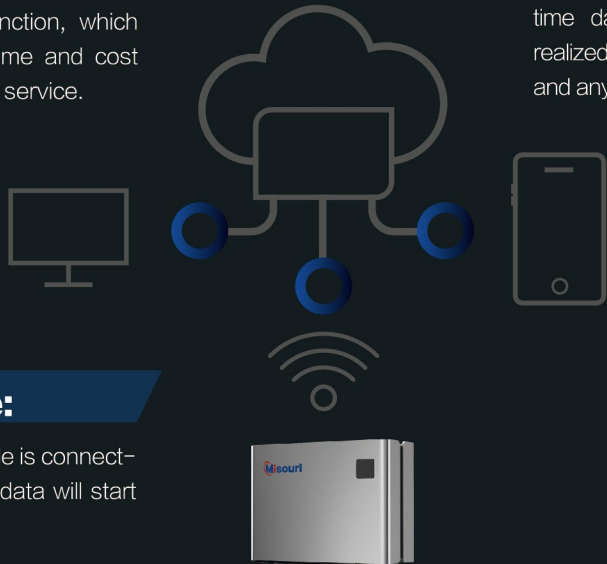
Central platform management can be realized with Wi-Fi function, which effectively saves the time and cost when doing after-sales service.

APP Control:

App remote control function and real time data checking can be easily realized with Wi-Fi function at anytime and anywhere.

WiFi Module:

Register after the module is connect- ed to the net, then the data will start transferring.



INVER-SMART

Smart APP control:

WiFi, DTU, Bluetooth

Central platform management:

Device management, Protect man- agement, Customer management

Smart control logic:

Central platform management can be realized with Wi-Fi function, which effectively saves the time and cost when doing after-sales service.

