

FLAMINGO SERIES



New Arrival R32 DC Inverter
Heat Pump Water Heater

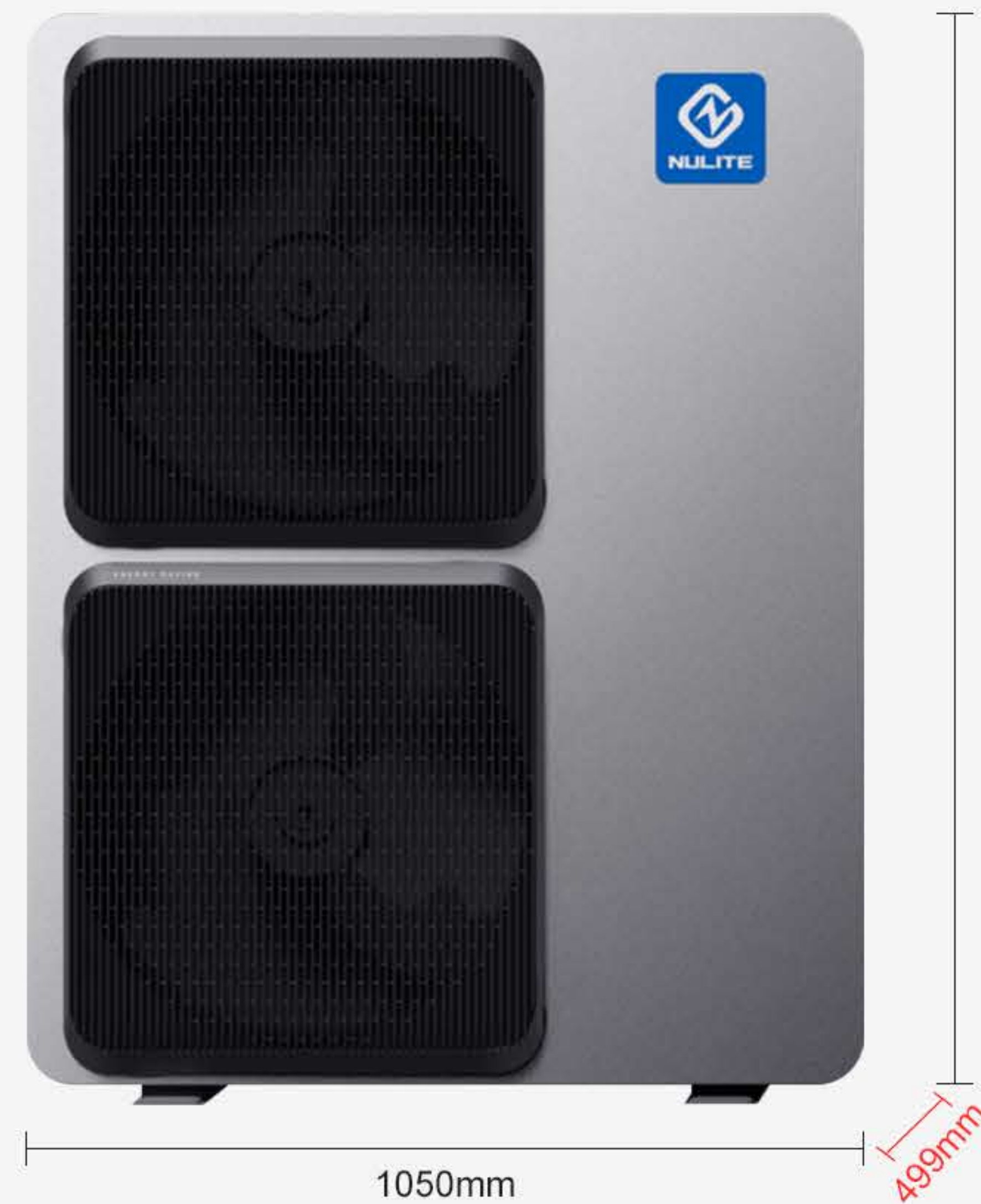
DHW/Heating/Cooling Air Source
Heat Pump Expert



Parameters



Model name		NL-FLM30-95II/R32	NL-FLM40-150II/R32
Rated heating capacity	KW	2.8-10	3.8-16
Rated hot water capacity	KW	2.5-9.5	3.5-15.5
Rated cooling capacity	KW	2.5-7.5	3.8-11
Power consumption	KW	1-3.2	1.5-4.5
Voltage	V/Hz	220V/240V - Inverter - 1N 220V - 1N 380V/415V - Inverter - 3N	
Rated heating water temperature	°C	DHW:55°C / Heating:45°C / Cooling:12°C	
Refrigeration	/	R32	
Ambient temperature	/	(-25°C — 43°C)	
Pipe diameter	°C	DN25	



Model name		NL-FLM50-200II/R32	NL-FLM60-220II/R32
Rated heating capacity	KW	5.5-21	5.6-23
Rated hot water capacity	KW	4.5-20.5	5.2-22
Rated cooling capacity	KW	4.8-15	5.6-16
Power consumption	KW	2-5.8	2.5-6.9
Voltage	V/Hz	220V/240V - Inverter - 1N & 380V/415V - Inverter - 3N	
Rated heating water temperature	°C	DHW:55°C / Heating:45°C / Cooling:12°C	
Refrigeration	/	R32	
Ambient temperature	/	(-25°C — 43°C)	
Pipe diameter	°C	DN25	

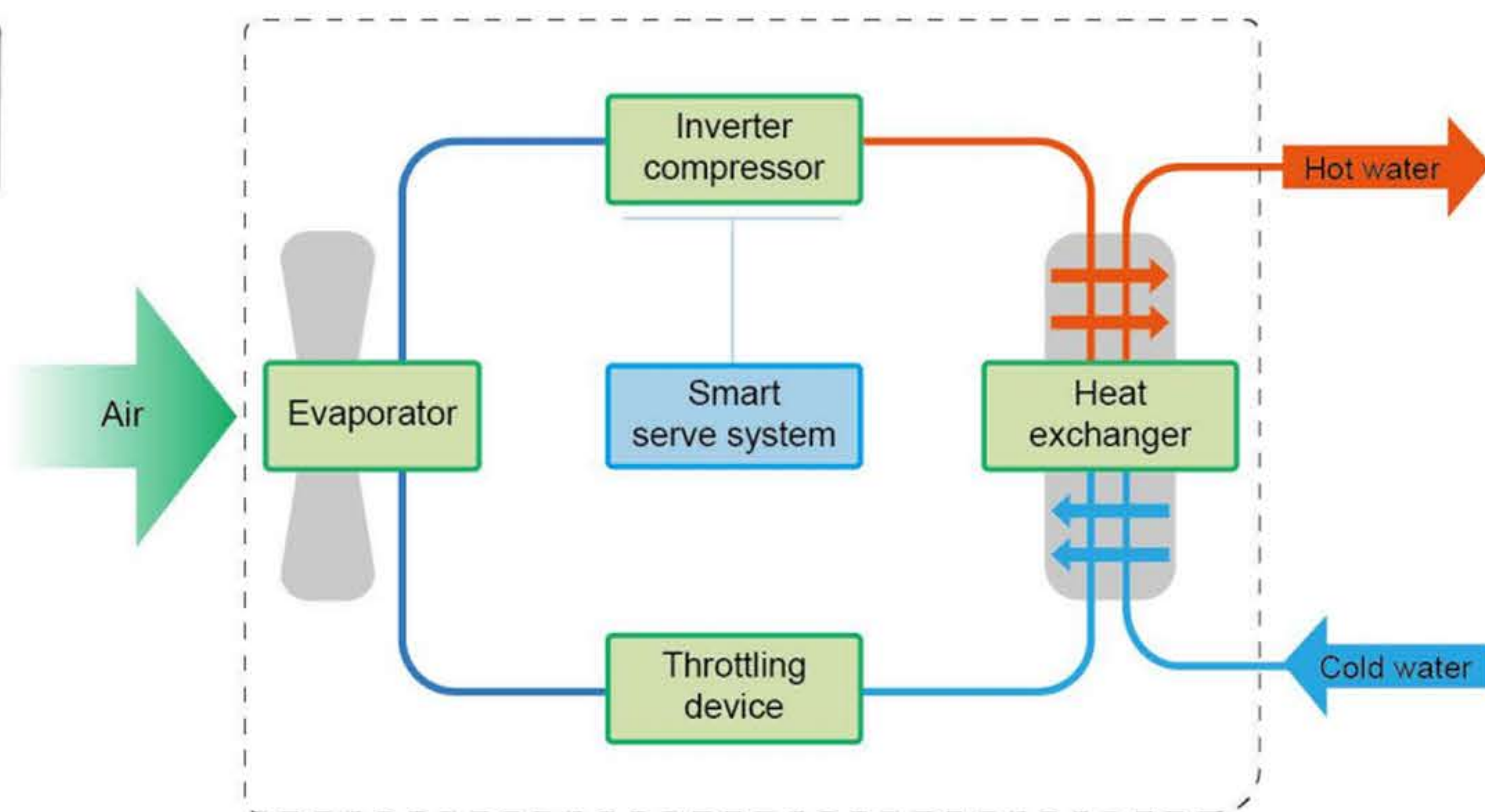


Model name		NL-FLM80-300II/R32	NL-FLM100-400II/R32
Rated heating capacity	KW	7.5-30	9.5-40
Rated hot water capacity	KW	7.0-28	9.0-38
Rated cooling capacity	KW	6.5-22	8.0-28
Power consumption	KW	3.5-9	4.5-11
Voltage	V/Hz	380V/415V - Inverter - 3N	380V/415V - Inverter - 3N
Rated heating water temperature	°C	DHW:55°C / Heating:45°C / Cooling:12°C	
Refrigeration	/	R32	
Ambient temperature	/	(-25°C — 43°C)	
Pipe diameter	°C	DN40	

DC Inverter technology

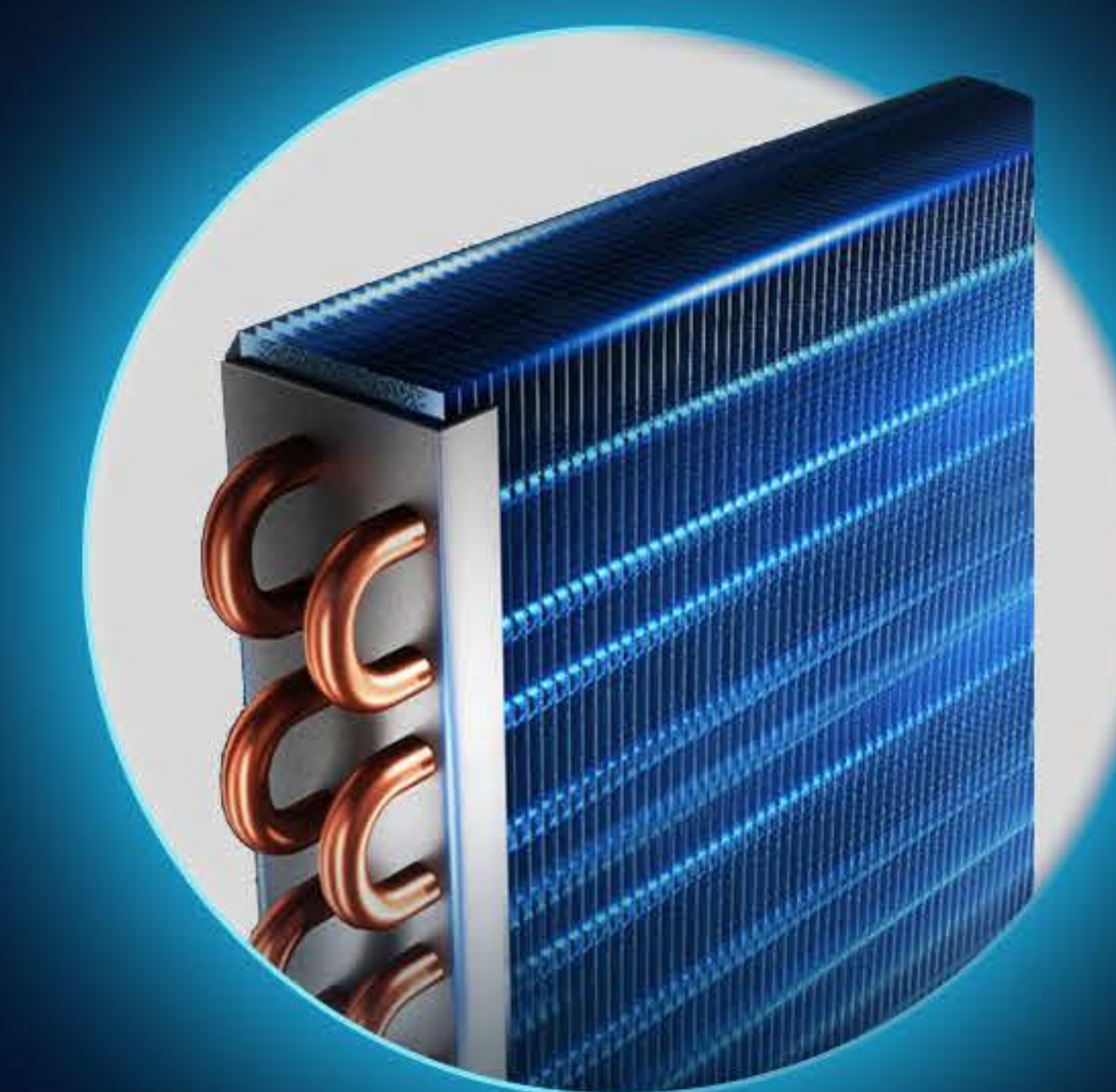
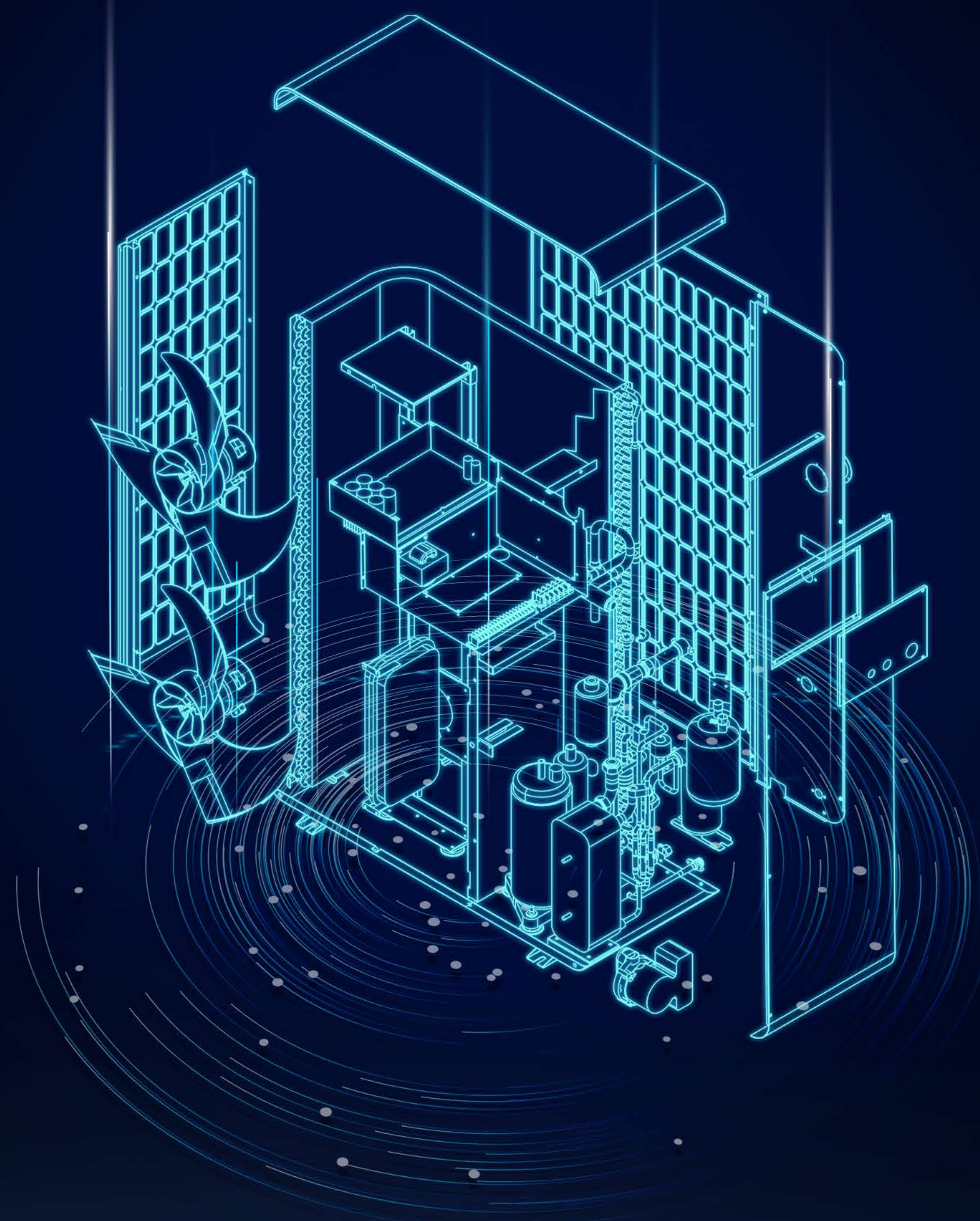


Adopting Mitsubishi inverter dedicated compressor.
Which designed for the low temperature operation
specially, -25°C running stably.



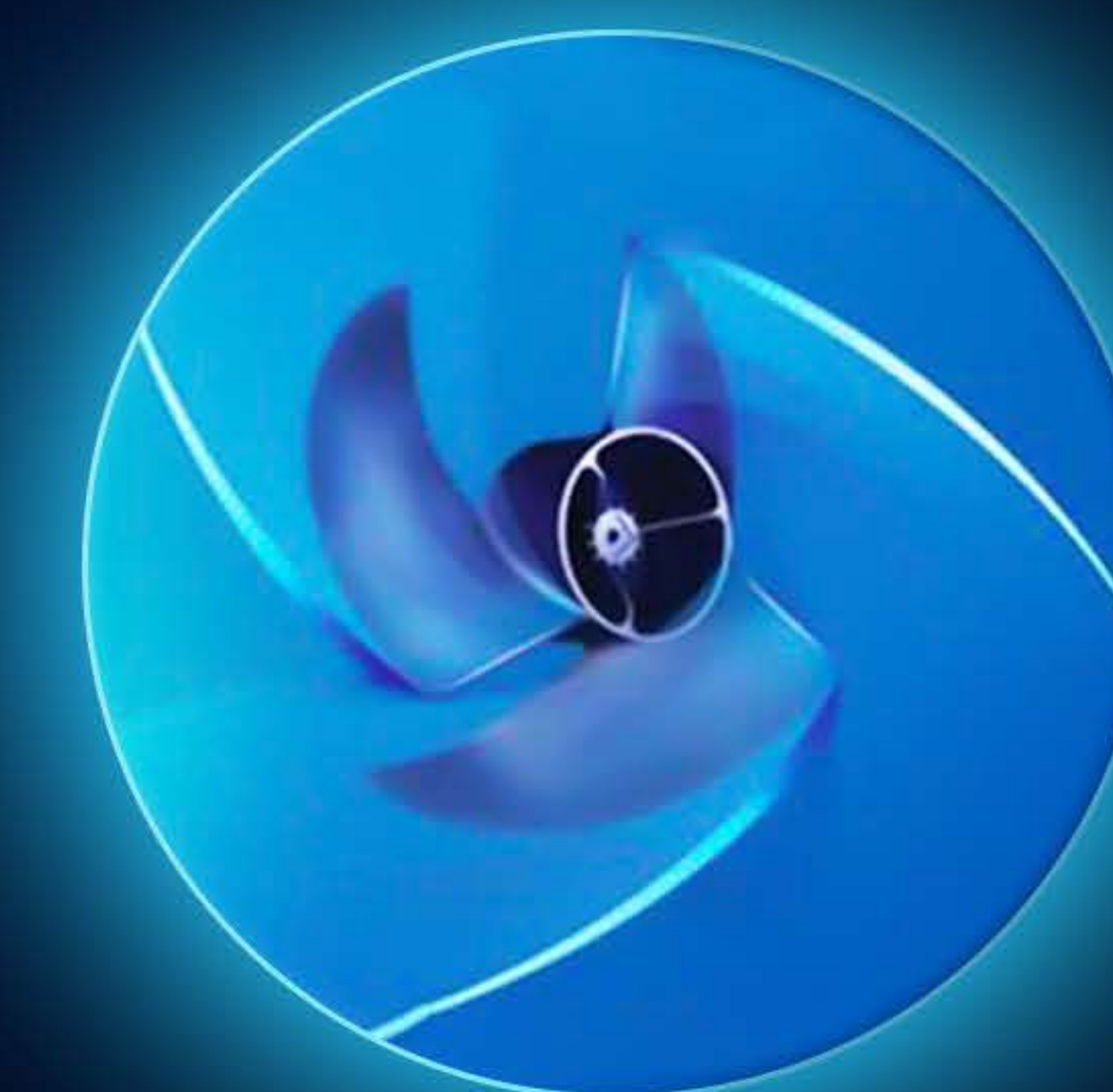


- Multi-language controller, English, French, German, Italian, Polish, Danish
- WI-FI function
- Heating/Cooling/DHW/Heating+DHW/Cooling+DHW
- With RS485 signal connection
- With Linked switch signal connection
- 3 ways valve signal connection
- Dual water sensors control
- Heating/Cooling/DHW/Heating+DHW/Cooling+DHW
- Built-in inverter water pump
- Built-in 3KW electric heater
- Built-in expansion tank
- Brand new design
- R32 dc inverter Mitsubishi compressor
- More multifunctional connection



Huge evaporator with strong heating exchanging ability

The evaporator has 40% larger heat exchange area than other suppliers. Ensure that the strong heating capacity can be output stably in the ultra-low temperature.



Full dc inverter ultra-quiet fan motor with greater air flowing volume

The overall air flow rate will also be greatly increased speeding up the heat transfer rate.

Provide You A Perfect System



Automatic Heating

As soon as water temperature drops to the set point, the heat pump will start to work to ensure the setting temperature.



Fast Heating Time

Hot water can be supplied in a short time with the inverter technology. The built-in inverter water pump will help to cycle the water automatically.



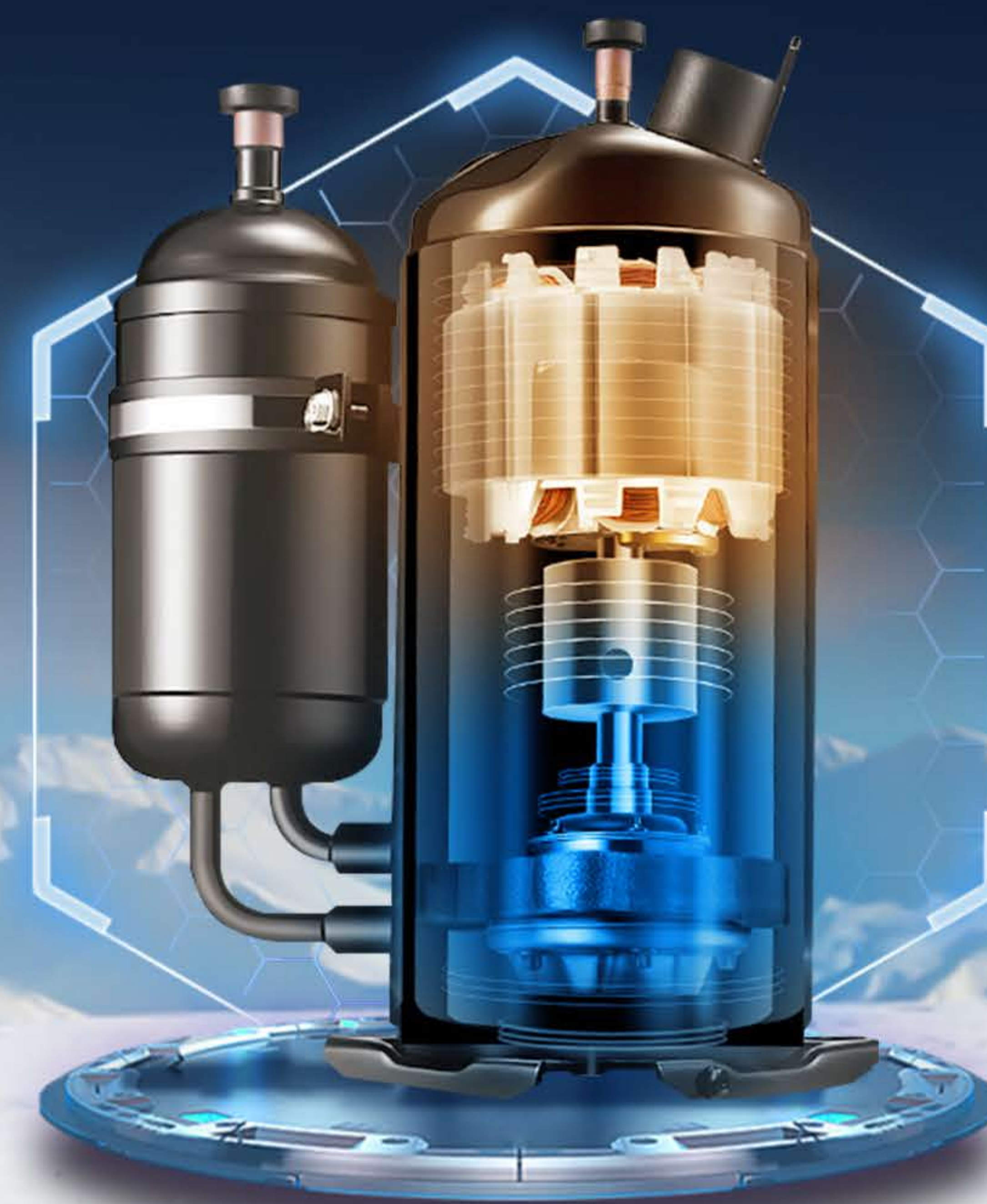
Safety Protection

Heat pump will have the safety protected function. It will not freeze in the minus temperature. And water and electricity are separated which will not cause e-shock hazard.



Smart Control

The full touch HD display specially designed makes it easy for users to set the heat pump. Multi-language will fit for different markets.



Mitsubishi DC Inverter Compressor

Quickly heating & energy saving, automatic to change the power input, - adapted dual-rotor balance technology, operation peaceful, low noise and longer life time. Stably running down to -25°C, heating capacity output increased 200% in low temperature.

Dual rotor
Dc inverter

R32
Refrigerant

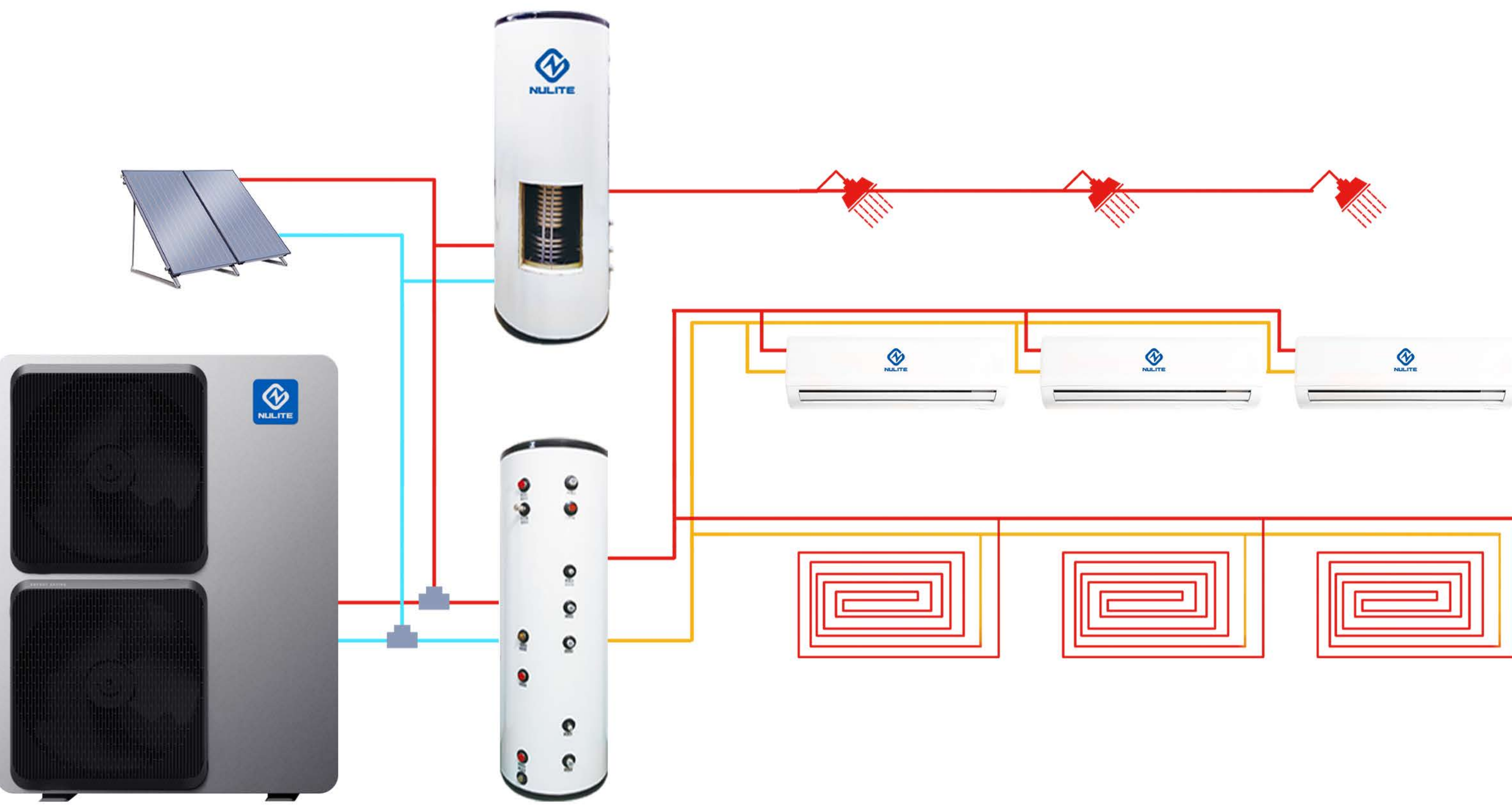
-25°C
Operation

200%
Heat Output

Product advantages



Production installation



Parameters

Model name		NL-FLM30-95II/R32	NL-FLM40-150II/R32	NL-FLM50-200II/R32	NL-FLM60-220II/R32	NL-FLM80-300II/R32	NL-FLM100-400II/R32
Rated heating capacity	KW	2.8-10	3.8-16	5.5-21	5.6-23	7.5-30	9.5-40
Rated hot water capacity	KW	2.5-9.5	3.5-15.5	4.5-20.5	5.2-22	7.0-28	9.0-38
Rated cooling capacity	KW	2.5-7.5	3.8-11	4.8-15	5.6-16	6.5-22	8.0-28
Heating power consumption	KW	1-3.2	1.5-4.5	2-5.8	2.5-6.9	3.5-9	4.5-11
Hot water power consumption	KW	1-3.2	1.5-4.5	2-5.8	2.5-6.9	3.5-9	4.5-11
Cooling power consumption	KW	1-3.2	1.5-4.5	2-5.8	2.5-6.9	3.5-9	4.5-11
Voltage	V/Hz	220V/240V- Inverter- 1N	220V/240V- Inverter- 1N & 380V/415V - Inverter - 3N			380V/415V - Inverter - 3N	380V/415V - Inverter - 3N
Rated heating water temperature	℃	DHW:55℃ / Heating:45℃ / Cooling:12℃					
Rated water flow	m³/h	1.6	2.1	2.8	3.3	5.0	6.0
Refrigeration	/	R32	R32	R32	R32	R32	R32
Rated of waterproof	/	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4
Control mode	/	Heating / Cooling / DHW / Heating+DHW / Cooling+DHW					
Form	/	Double-rotor type	Double-rotor type	Double-rotor type	Double-rotor type	Double-rotor type	Double-rotor type
Compressor	Quantity	/	1	1	1	1	1
Brand	/	Mitsubishi Full Inverter Compressor					
Net size	mm	1050*499*970	1050*499*970	1050*499*1365	1050*499*1365	1187*516*1585	1187*516*1585
Outdoor unit	Weight	Kg	100	120	145	150	175
	Nosie level	dB(A)	≤49	≤50	≤52	≤53	≤58
Heat exchanger	/	Sweden SWEP / Denmark Danfoss / SanHua Plate heat exchanger					
Fan	/	Full DC fan motor					
Auxiliary Element	KW	3	3	3	3	3	3
Circulation pump	SHIMGE	Inverter water pump				/	/
Expansion tank	L	5	5	5	5	8	8
Ambient temperature	℃	(-25℃ —— 43℃)	(-25℃ —— 43℃)	(-25℃ —— 43℃)	(-25℃ —— 43℃)	(-25℃ —— 43℃)	(-25℃ —— 43℃)
Inlet pipe diameter	/	DN25	DN25	DN25	DN25	DN40	DN40
Outlet pipe diameter	/	DN25	DN25	DN25	DN25	DN40	DN40
Packing size	mm	1090*510*1100	1090*510*1100	1090*510*1490	1090*510*1490	1220*545*1700	1220*545*1700
WI-FI function	/	√	√	√	√	√	√



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