

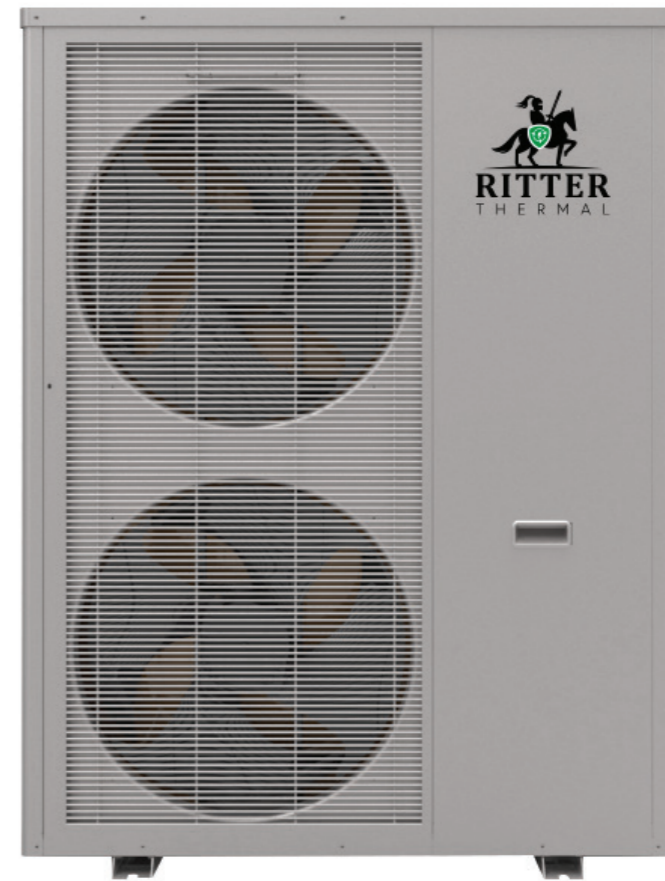


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AIR TO WATER HEAT PUMPS

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# RITTER R32 HEATPUMP

## FEATURES

### AIR-TO-WATER INVERTER HEAT PUMP

Heat your whole home efficiently with the Ritter Thermal R32 inverter heat pump. Optimized for underfloor heating, the variable speed compressor automatically adjusts output to achieve your target comfort while ensuring maximum efficiency. This allows the Ritter R32 to lower your energy bill while operating in a wide range of working conditions. The Ritter Thermal R32 range comes in 6kW, 10kW, 17kW, and

24kW (3Ph) models to ensure complete heating comfort no matter what size of home.

If you are looking for a medium temperature heat pump offering market leading performance and great value for money, then look no further than the Ritter Thermal R32. If you are needing a heat pump powering radiators and hot water production at higher temperatures, check out the Ritter Thermal R290.

### Why Ritter Thermal?

The Ritter Thermal heat pump combines the eco-friendly R32 refrigerant with EVI inverter technology to produce up to 62°C hot water as well as stable operation down to -25°C outside ambient air temperature.

For added piece of mind, the Ritter Thermal is satellite linked for remote commissioning and diagnostics via phone app.



Ritter Thermal 6kW Heat Pump  
**R32 Refrigerant Gas**



## System Control

Your home can be programmed to be warm and cool according to your daily schedule and budget. Options include remote system control via smart phone and 3rd party building management system integration. Smart and simple.



**heatmiser®**

### Heatmiser neoStat Thermostat

Multiple neoStats are used to build a network of wired thermostats throughout your home. Modern touch button technology and an intuitive menu navigation is simple for the home owner to program and operate.

## Specifications

Ritter Heatpump		HPR6	HPR10	HPR17	HPR24
Width	mm	1002	953	997	1178
Height	mm	805	915	1315	1605
Depth	mm	490	460	437	450
Heating water temp min/max	°C	20-62	20-62	20-62	20-62
Refrigerant Type		R32	R32	R32	R32
Refrigerant input qty	kg	1.3	1.7	2.0	3.4
Compressor Type		Rotary	Rotary	Rotary	Rotary
Nominal heat output A7/W35	kW	2.29-8.25	4.70-12.50	7.00-20.50	10.00-25.00
COP EN14511, A7/W35		4.92	5.03	4.86	4.82
Power Supply		"220~240V ~/50Hz"	"220~240V ~/50Hz"	"220~240V ~/50Hz"	"380-415V/3N ~/50Hz"
Water Flow Volume	m3/h	1.0	1.7	2.9	4.2
Noise Range	dB(A)	37-54	42-55	44-58	53.3-58.9