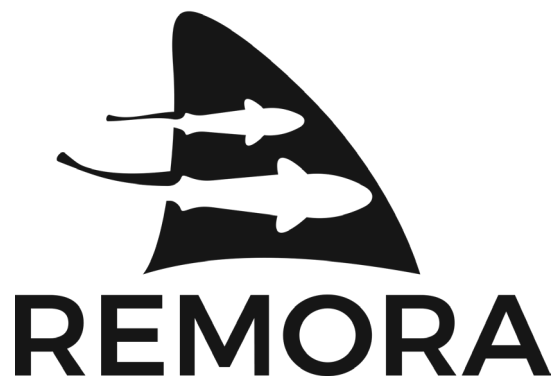


REMORA INVERTER

Heat Pump



automatedenvironmentalsystems.co.uk



The Remora difference

Thanks to the removal of parameters that restrict the heating range to 20°C or above, Remora heat pumps offer flexibility that sets them apart from other brands and extends their use beyond just pools.

Remora Inverters are perfect partners for the exacting requirements of Koi ponds and are suited to other commercial and domestic applications that require heating or cooling to lower set points (not suitable for home heating systems).

Remora heat pumps were amongst the first full size units to come with factory fitted mains cables and plugs*, giving true plug and play functionality, a feature previously restricted to small summer only heaters for above-ground pools.

Remora Inverter heat pumps are backed by an industry leading three year warranty and a full seven year parts warranty on the compressor and heat exchanger.

*Largest capacity model with fitted mains cable is 12kW



We work closely with the manufacturer of our Remora heat pumps, through a process of continual development we can deliver more efficient performance, the latest technology and reliable build quality.

The result is a range of heat pumps that deliver exceptional COP and heating efficiency, the Remora Inverter range includes our first plug and play Inverter models and were the first heat pumps we have offered with a three year warranty.

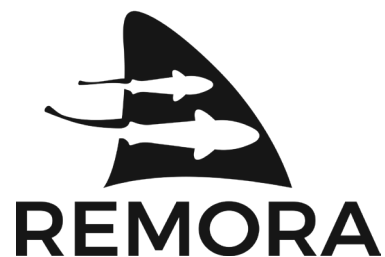
Sizing your heat pump

Heat pumps are an investment, normally paying for themselves with the savings you make in running costs.

When sizing a heat pump we don't just ask how big your pool is, instead we ask a series of questions such as how and when you use your pool, what temperature you want to achieve, what filter equipment you have connected and how well insulated your pool is – the answers help us to advise you on the correct heat pump for your needs.

Many of our customers choose to buy larger heat pumps - the extra heating capacity can provide an extended swimming season, higher water temperature, faster heating and even the option to increase your pool size at a later date - flexibility that can easily outweigh the additional cost.





The Remora Inverter is a premium quality heat pump for pools and Koi ponds, intelligent design maximises heat output and minimises energy input



- ▶ Wi-Fi connectivity with Smart Life iOS / Android App
- ▶ Three preset modes; Powerful, Silent and Smart
- ▶ 9kW and 12kW models fitted with mains cable, RCD and plug
- ▶ 1 1/2 inch female threaded or glue socket water connections
- ▶ Heats and cools
- ▶ Black ABS corrosion resistant cabinet
- ▶ All season model works down to -15°C
- ▶ Automatic hot gas defrosting
- ▶ Advanced stepless DC inverter system
- ▶ Low noise airstream design, >30 dB(A) at 10 metres
- ▶ Stepless twin rotary inverter compressor
- ▶ DC brushless fan motor
- ▶ EEV throttling technology
- ▶ Spiral Titanium heat exchanger
- ▶ R32 gas
- ▶ Winter cover
- ▶ Three year warranty, Seven year (total) parts warranty on the compressor and heat exchanger

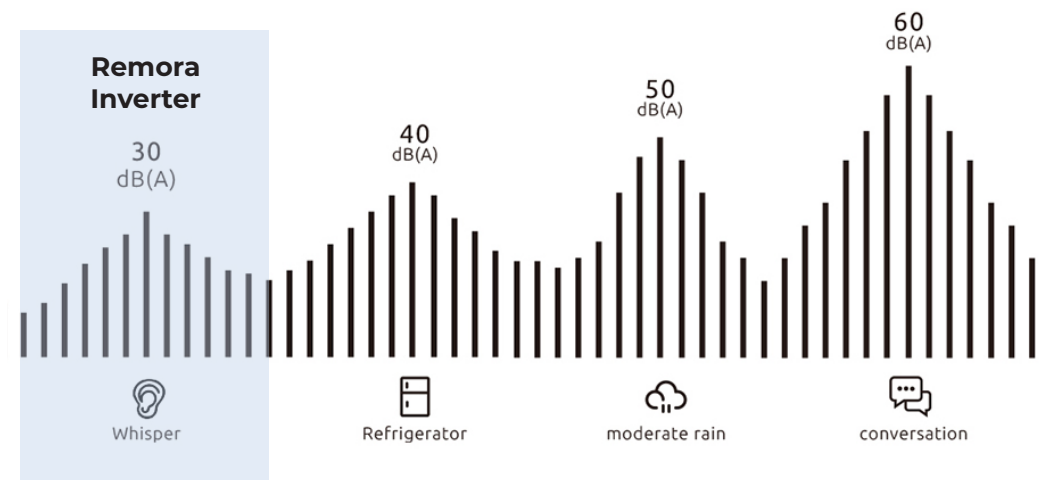
A heat pump is up to
80% more efficient
than traditional
methods of heating
a swimming pool





Full inverter technology for maximum efficiency

Remora Inverter heat pumps have a low noise airstream design for very quiet operation, the sound level is <30 dB(A) at 10 metres

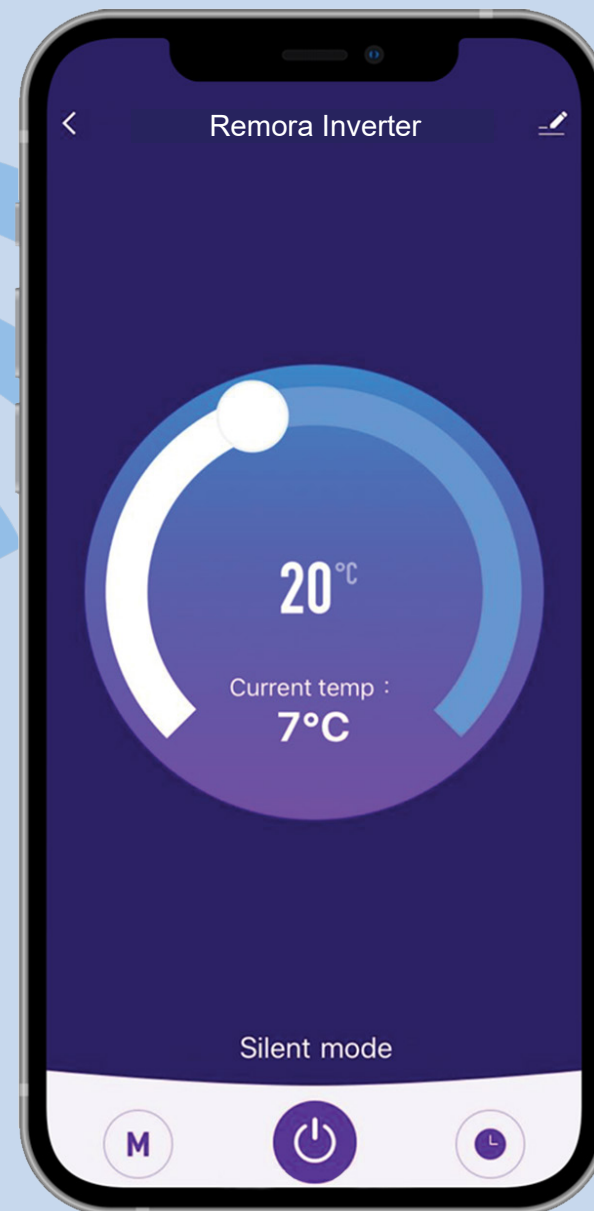


Smart control, Smart life

- ▶ Easy to use LCD controller with weather cover
- ▶ Smart Life App, works from anywhere in the world
- ▶ Easily set temperature and view running status
- ▶ Set timers and switch modes from the App
- ▶ Wi-Fi module supplied with 10m extension cables
- ▶ Smart Life App available for iOS and Android



WATCH VIDEO



Remora Inverter must be connected to suitable Wi-Fi network

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HIGH COP

The Remora i15 Inverter heat pump can reach a COP as high as 18.5 at Air 27°C/ Water 26°C - meaning that for each kW of energy input, 18.5kW of heat would be output to your pool

REMORA INVERTER SPECIFICATIONS

		i9	i12	i15	i19	i27
Ambient 27°C Water 26°C in, Humid 80%	Capacity (kW)	9.03	12.02	15.25	19.21	27.28
	COP	6.30 ~ 17.5	6.55 ~ 18.2	7.32 ~ 18.5	6.53 ~ 18.2	6.20 ~ 15.0
Ambient 15°C Water 26°C in, Humid 70%	Capacity (kW)	5.94	7.54	10.85	13.61	19.71
	COP	5.1 ~ 8.2	5.17 ~ 8.2	5.2 ~ 8.5	5.01 ~ 8.1	4.61 ~ 8.0
Rated Input Power	kW	0.12 ~ 1.35	0.16 ~ 1.86	0.2 ~ 2.24	0.23 ~ 2.87	0.75 ~ 5.22
Working Ambient Temperature	°C	-15 ~ 43				
Power Supply		220V / 1Ph				
Minimum Fuse (C Type MCB)	A	13A Plug	13A Plug	16	20	32
Max Current	A	6.8	9.1	11.5	14.48	25.5
Compressor		GMCC*	GMCC*	Mitsubishi	Mitsubishi	GMCC*
DC Fan		1	1	1	1	1
Airflow		Horizontal				
Water Flow Volume	m³/h	3 ~ 5	4 ~ 6	5 ~ 7	7 ~ 9	10 ~ 13
Water Connector Size	inch	1.5	1.5	1.5	1.5	1.5
Refrigerant Type		R32				
Material of Casing		ABS				
Sound Pressure 10m	dB(A)	<29	<29	<29	<30	<30
Unit Net Dimensions(L*W*H)	mm	826*379*552		960*408*793	1150*480*843	
Net Weight	Kg	35	37	47	61	66
Waterproof Level		IPX4				
Wi-Fi Connectivity		Smart Life App				

Automated Environmental Systems Ltd.
Unit B, Anglian Lane
Bury St. Edmunds, Suffolk
IP32 6SR

01284 658770

sales@automatedenvironmentalsystems.co.uk



Three year parts and labour warranty

Seven year (total) parts warranty on the compressor and heat exchanger

Remora® heat pumps and pool products have been branded exclusively for Automated Environmental Systems

Remora® is a Registered Trademark in the UK

*GMCC compressors manufactured by Midea/Toshiba