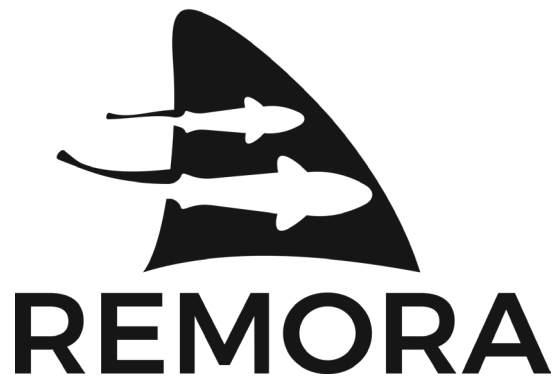


REMORA ON/OFF Heat Pump





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 On/Offs 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 On/Off 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 10kW



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 On/Off range includes our first plug and play full size models and were the first heat pumps we have offered with a three year warranty.

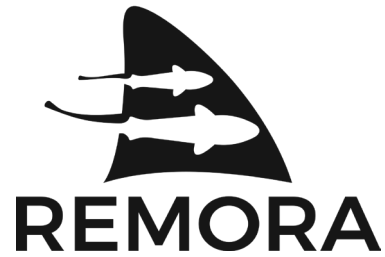
Sizing your heat pump

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 On/Off 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
- ▶ 6kW, 8kW and 10kW models fitted with mains cable, RCD and plug
- ▶ High efficiency performance, up to 7.81kW of heat for every kW used
- ▶ 1 1/2 inch female threaded or glue socket water connections
- ▶ Heats and cools
- ▶ Black ABS corrosion resistant cabinet
- ▶ Extended season model works down to -15°C
- ▶ Automatic hot gas defrosting
- ▶ Easy digital temperature control with LCD display
- ▶ Low noise airstream design, >30 dB(A) at 10 metres
- ▶ Low noise compressor and horizontal fan
- ▶ Flow switch prevents damage to the unit
- ▶ Spiral Titanium heat exchanger
- ▶ R32 gas (R410 on F23)
- ▶ 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



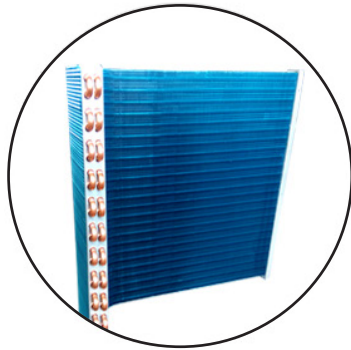
COMPRESSOR

Low pressure gas from evaporator is compressed to increase pressure and raise temperature, becoming very hot gas



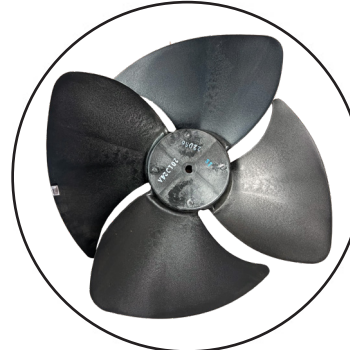
HEAT EXCHANGER

Heat from hot gas is transferred to your pool water as it passes through heat exchanger, condensation occurs as gas condenses and becomes warm liquid refrigerant again



EVAPORATOR

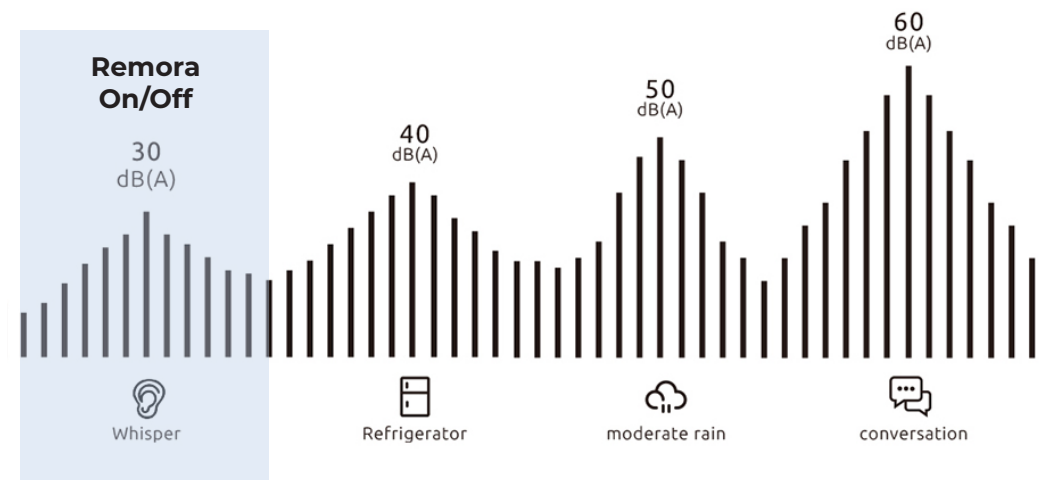
Cold liquid refrigerant absorbs heat from the ambient air as it evaporates and forms a low pressure gas, auto defrosting prevents the evaporator from freezing up



FAN

The Remora On/Off features a specially designed fan with extra large blades that help to reduce turbulence, the smoother movement of air means quieter operation and additional energy saving

Remora On/Off 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 On/Off must be connected to suitable Wi-Fi network



HIGH COP

The Remora f15 Inverter heat pump can reach a COP as high as 7.81 at Air 24°C/ Water 26°C - meaning that for each kW of energy input, 7.81kW of heat would be output to your pool

REMORA ON/OFF SPECIFICATIONS

		f6	f8	f10	f12	f15	f20	f23	
Ambient 24°C Water 26°C in, Humid 80%	Capacity (kW)	6.12	8.79	10.49	12.08	15.83	20.14	23.32	
	COP	7.22	7.27	7.59	7.25	7.81	7.42	6.32	
Ambient 15°C Water 26°C in, Humid 70%	Capacity (kW)	4.7	6.7	8.12	9.48	12.74	16.55	18.02	
	COP	5.4	5.45	5.74	5.55	6.13	6.04	5.16	
Max Input Power	kW	1.6	2.1	2.51	3.15	3.93	5.82	5.74	
Working Ambient Temperature	°C	-15 ~ 43							
Power Supply		220V / 1Ph							
Minimum Fuse (C Type MCB)	A	13A Plug	13A Plug	13A Plug	20	25	32	32	
Max Current	A	7.27	9.58	11.43	14.37	17.86	25.3	27.4	
Compressor		GMCC*	GMCC*	GMCC*	GMCC*	Mitsubishi	GMCC*	Panasonic	
Condensor Type		Spiral Threaded Titanium in PVC							
Fan		1	1	1	1	1	1	1	
Airflow		Horizontal							
Water Flow Volume	m ³ /h	2 ~ 3	3 ~ 4	4 ~ 5	5 ~ 6	6 ~ 7	8 ~ 9	10 ~ 11	
Water Connector Size	inch	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
Refrigerant Type		R32							R410A
Material of Casing		ABS							
Sound Pressure 10m	dB(A)	<28	<29	<29	<30	<30	<30	<30	
Unit Net Dimensions(L*W*H)	mm	826*379*552	933*401*657			1125*470*707			
Net Weight	Kg	44	54	58	72	75	78	94	
Waterproof Level		IPX4							
Wi-Fi Connectivity		Smart Life App							

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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