



Parameters



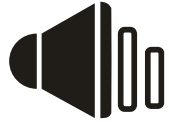
Thermotec Eco Series Inverter Pool Heat Pump

Thermotec Eco Series Swimming Pool Heat Pump with silence character makes you calm down and relax when enjoy the comfortable swimming.

Thermotec Eco Inverter		7kw	9kw	12kw	16kw	19kw
Performance Condition (Air 27°C/Water 26°C/Humid. 80%)						
Heating Capacity	kW	1.82~7.24	2.23~ 9.00	1.97~11.66	3.25~16.00	3.50~18.70
Heating Capacity	Btu	6210-24700	7610-30710	6698-39644	11050-54400	11900-63580
Consumed power	kW	0.15-1.28	0.18-1.54	0.16-2.00	0.30-2.91	0.32-3.65
COP	/	12.13-5.66	12.39-5.84	12.57-5.84	10.83-5.50	10.94-5.12
Performance Condition (Air 15°C/Water 26°C/Humid. 70%)						
Heating Capacity	kW	1.39-5.64	1.58-7.00	1.79-8.62	2.55-12.60	2.55-14.00
Heating Capacity	Btu	4740-19240	5390-23880	6086-29308	8670-42840	8670-47600
Consumed power	kW	0.24-1.28	0.27-1.47	0.29-1.91	0.44-2.80	0.47-3.24
COP	/	5.79-4.41	5.85-4.76	6.17-4.52	5.80-4.50	5.43-4.32
Power Supply	/	220-240V~/1Ph				
Fan Quantity	/	1	1	1	1	1
Fan Speed	RPM	700	800	800	750	750
Sound Pressure 1m dB	A	38-50	39-51	42-53	43-54	43-55
Sound Pressure in silence mode 1m dB		39	41	43	44	44
Water Connection	mm	50				
Water Flow Volume	m3/h	2.4	3.0	3.7	5.2	6.0
Water Pressure Drop	(max) kPa	2	3	4	5	5
Carton size	mm	1030*435*615	1030*435*615	1030*435*615	1130*480*780	1210*510*880



SUPER SILENT



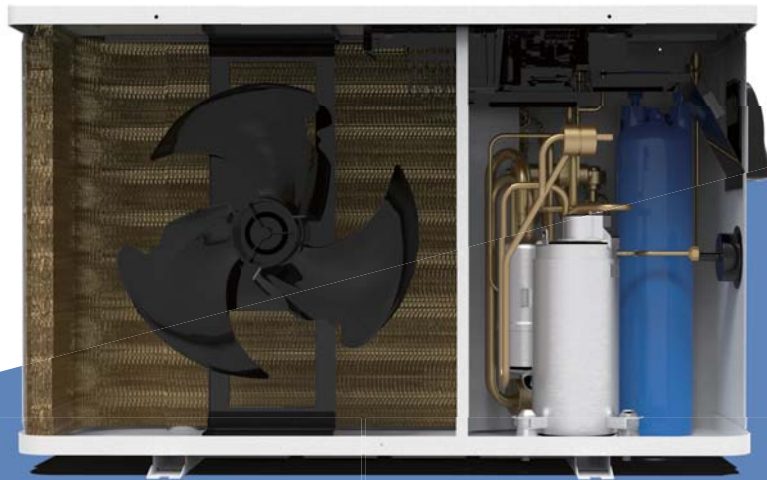
Low Noise



Compressor Brand



Fan Blade



*The compressor inside the unit is wrapped by full sponge which is a new noise reduction internal structure proved to effectively reduce sound level.

*The system adopts Mitsubishi compressor with much lower running noise.

*A new developed fan blade design is applied at the heat pump which makes the unit run even quieter.

As a result, the sound level of the unit at 1 meter is as low as 39dB(A) under silence mode.

MUCH SMARTER



High Efficiency of COP 12.5

With a leading and mature full inverter technology, the unit can reach a high COP of 12.5.



DTU Module

4G-DTU

In order to facilitate the management and maintenance of the machine, the latest intelligent remote control technology-4G-DTU is available for this unit. Data transferring starts once it powered on.



Integrated board

Easy Maintenance Design

The unit uses the new Ruking-Emerson driver board with integrated and compact design. The board is installed upside-down in the heat pump which effectively help solve problems such as water ponding and dust accumulation. Only one screw needs to be taken down for maintenance.