



VortexC

COMMERCIAL-GRADE WITH MINIMAL RUNNING COSTS

Features:

- Full Inverter with a COP up to 16.2
- Dual defrost
- Up to 40°C set point
- Onboard timers
- RS485 connectivity-ready



HEATING &
COOLING



SPIRAL TITANIUM
HEAT EXCHANGER



VARIABLE SPEED
COMPRESSOR



WI-FI MODULE



ECO-FRIENDLY
REFRIGERANT



Warranty



Limited
Warranty
Titanium Heat Exchanger Element



Limited
Warranty
Compressor



Limited
Warranty
Other Components

Our Vortex-C commercial heat pump range is designed to cope with the demands of aquatic facilities, regardless of size and location. Our Vortex Inverter heat pumps are the most efficient way to heat a commercial pool with low operating costs.

The Vortex-C pool heat pumps are also available for large domestic swimming pools. The heating and cooling operation modes are not only energy-efficient, but also quiet and cost effective. A spiral titanium heat exchanger and variable-speed compressor ensure optimal performance, while Wi-Fi connectivity allows you to control the system remotely.

MODEL		150T/60 KW	300T/120 KW
Mode Type		Heat and Cool	
Discharge		Top	
Fan Quantity		1	2
Performance at Air 26°C, Water 26°C, Humidity 80%			
Heat Capacity	kW	60	120
COP		6.2 ~ 16.1	6.0 ~ 16.2
Performance at Air 15°C, Water 26°C, Humidity 70%			
Heat Capacity	kW	40	91
COP		4.6 ~ 8.1	4.8 ~ 8.1
General			
Rated input power at air 15°C	kW	1.0 ~ 8.7	2.0 ~ 16.8
Rated input current at air 15°C	Amps	1.5 ~ 12.6	2.9 ~ 24.2
Circuit Breaker	Amps	25	50
Power Supply		380 V / 50 Hz / 3 PH	
Pool Volume - Cold Climate	Litres	≤100,000	≤200,000
Pool Volume - Warm Climate	Litres	≤200,000	≤400,000
Advised Flow Rate	L/min	375	750
Inlet / Outlet	mm	75	90
Compressor		Twin-rotary Mitsubishi DC inverter	
Heat Exchanger		Spiral titanium tube in PVC	
Casing		Black aluminium-alloy	
Weight / Dimensions			
Net Weight	kg	290	490
Net Dimensions LxWxH	mm	1000 x 1110 x 1260	2100 x 1090 x 1280