



VERTIGO FI

Innovative design
& cutting-edge technology

- Upward ventilation
- Full Inverter technology
- Contemporary design
- Wide range from 30 to 250m³
- Indicative LED

HEAT PUMP WARRANTY

3
YEARS

COMPRESSOR WARRANTY

7
YEARS

TITANIUM COIL
ANTI CORROSION WARRANTY

15
YEARS

	55	75	95	125	155	200	240	155 T	200 T	240 T	300 T	350 T
Pool volume	30-45m ³	40-55m ³	50-70m ³	70-90m ³	80-115m ³	110~140m ³	140-170m ³	80-115m ³	110~140m ³	140-170m ³	170-210m ³	210-250m ³
COP air 15°C / water 26°C	7.52 ~ 4.93	7.60 ~ 4.95	7.61 ~ 4.92	7.52 ~ 4.86	7.54 ~ 4.82	7.35 ~ 4.52	7.52 ~ 4.84	7.55 ~ 4.82	7.36 ~ 4.54	7.55 ~ 4.85	7.52 ~ 4.81	7.48 ~ 4.73
Noise level at 10m (db(a))	<19 ~ <27	<20 ~ <28	<20 ~ <28	<23 ~ <31	<24 ~ <32	<28 ~ <37	<29 ~ <38	<24 ~ <32	<29 ~ <38	<29 ~ <38	<30 ~ <39	<30 ~ <39



Upward ventilation



WiFi integrated



TECHNICAL DATA

Vertigo Fi		55	75	95	125	155	200	240	155 Tri	200 Tri	240 Tri	300 Tri	350 Tri
Swimming pool volume		30-45	40-55	50-70	70-90	80-115	110~140	140-170	80-115	110~140	140-170	170-210	210-250
Reference: PC-VGO		055	075	095	125	155	200	240	155T	200T	240T	300T	350T
Air 26°C Water 26°C Hygro 80%	Max. Power output (kW)	7.70	10.35	13.27	16.53	21.2	26.82	32.63	21.2	26.86	32.66	40.3	45.05
	Min. Power output (kW)	1.50	1.98	2.53	3.16	4.05	5.17	6.31	4.05	5.17	6.31	7.79	7.79
	Power consumption (kW)	1.13~0.10	1.50~0.13	1.93~0.167	2.38~0.206	3.09~0.26	4.17~0.37	4.82~0.41	3.09~0.26	4.16~0.34	4.81~0.41	5.97~0.507	6.81~0.5
	COP	15.31~6.84	15.35~6.87	15.15~6.84	15.34~6.93	15.17~6.86	14.86~6.43	15.32~6.76	15.23~6.86	14.9~6.44	15.35~6.78	15.36~6.75	15.22~7.09
Air 15°C Water 26°C Hygro 70%	Max. Power output (kW)	5.82	7.82	9.83	12.62	15.83	20.03	24.22	15.83	20.06	24.24	30.06	35.02
	Min. Power output (kW)	1.15	1.52	2.01	2.43	3.15	4.15	5.38	3.15	4.41	5.35	6.31	7.33
	Power consumption (kW)	1.18~0.15	1.58~0.20	2.00~0.26	2.6~0.32	3.28~0.42	4.42~0.56	5.00~0.72	3.28~0.42	4.41~0.564	4.99~0.709	6.24~0.839	7.4~0.98
	COP	7.52~4.93	7.60~4.95	7.61~4.92	7.52~4.85	7.54~4.82	7.35~4.52	7.52~4.84	7.54~4.82	7.36~4.54	7.55~4.85	7.52~4.81	7.48~4.73
Electricity supply		220-240V~ /50-60Hz							Tri 380V / 3 / 50-60Hz				
Heating temperature range		15~40°C											
Operating range		-10~43°C											
Max. Capacity (kW)		1.6	2	2.8	3.3	4.8	5.8	6.5	4.8	5.8	6.5	8.2	9
Flow (m³/h)		2.4	3.2	4	5.0	6.7	8.5	10.5	6.7	8.5	10.5	13.0	15.0
Circuit breaker (A)		10		16		25	32		10	16			20
Electrical Cable diameter (10m)		R02V 3x2.5 mm²		R02V 3x4 mm²		R02V 3x6 mm²	R02V 3x10 mm²		R02V 5x2.5 mm²				
Refrigerant		R32											
Packaging dimensions (mm)		570x570x830			635x635x920			720x720x1170	635x635x920	635x635x920	720x720x1170		
Dimensions (mm)		510x510x690			575x575x780			660x660x1030	575x575x780	575x575x780	660x660x1030		
Net/Gross weight (kg)		30 / 33	35 / 38	40 / 43	47 / 55	52 / 60	100 / 115	104 / 119	52 / 60	104 / 119	104 / 119	120 / 145	120 / 145
Noise level at 1 m (dB(A))		36~45	38~46	38~46	41~50	42~52	47~56	48~57	42~52	48~57	48~57	49~59	49~59
Noise level at 10 m (dB(A))		19~27	20~28	20~28	23~31	24~32	28~37	29~38	24~32	29~38	29~38	30~39	30~39
Compressor type		Rotary		Twin rotary									
Compressor brand		TOSHIBA										MITSUBISHI	
Heat exchanger		Twisted Tech© Titanium											
Function		Eco & Boost Inverter / Heating / Cooling											
Load losses (mCE)		1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

E.U. Standard
T.U.V. Certified

Data provided for information purposes only. Can be subject to change without notice.

As a latest generation heat pump, the Vertigo Fi aims to be efficient, economical and silent.

The Vertigo Fi heat pump combines all the features that have made the One Fi and the Triline Fi so successful, and is available in 11 capacities from 5.5 to 35 kW: the largest range at Poolex. It incorporates Full Inverter technology with a multi-frequency compressor and a variable-speed fan which considerably reduce electrical consumption and sound pressure thanks to a soft start functionality and continuous operation at reduced speed, avoiding any peak in consumption.

The Vertigo Fi combines design and cutting-edge technologies.

In a vertical form and with upward ventilation requiring a small discharge area, this heat pump can be installed in a confined space.

Poolex's LED technology has been integrated on the Vertigo Fi. It is designed for ease of use with three colors indicating the operating status of the heat pump.

Convinced of the excellence of its products, Poolex warrants its heat pump for 3 years, 5 years on its compressor and 15 years against corrosion of its exchanger.

The POOLEX +: all accessories included



Isothermal winter storage cover



Maintenance kit & user manual



PVC connectors Ø50mm 1 1/2



Condensate discharge pipe



Anti-vibration support kit



Delivered on a wooden pallet



Automated Environmental Systems

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

sales@automatedenvironmentalsystems.co.uk

01284 658770