

FOR POOLS  
up to 250m<sup>3</sup>

OPERATES  
down to -10°C

12 versions  
AVAILABLE

**VERTIGO FI**



## VERTIGO FI

Innovative design  
& cutting-edge technology

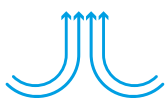
- ↻ Upward ventilation
- ↻ Full Inverter technology
- ↻ Contemporary design
- ↻ Wide range from 30 to 250m<sup>3</sup>
- ↻ Indicative LED

**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 <sup>3</sup>	40-55m <sup>3</sup>	50-70m <sup>3</sup>	70-90m <sup>3</sup>	80-115m <sup>3</sup>	110~140m <sup>3</sup>	140-170m <sup>3</sup>	80-115m <sup>3</sup>	110~140m <sup>3</sup>	140-170m <sup>3</sup>	170-210m <sup>3</sup>	210-250m <sup>3</sup>
COP air 15°C / water 26°C	7.53 ~ 4.93	7.56 ~ 4.95	7.61 ~ 4.92	7.52 ~ 4.86	7.54 ~ 4.82	7.33 ~ 4.52	7.51 ~ 4.84	7.54 ~ 4.82	7.31 ~ 4.53	7.53 ~ 4.83	7.51 ~ 4.81	7.46 ~ 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**

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

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

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-VG0		055	075	095	125	155	200	240	155	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)	1.60	1.95	2.41	2.89	3.69	5.47	6.34	3.69	5.45	6.31	8.69	7.79
	Power consumption (kW)	1.13~0.10	1.51~0.13	1.95~0.16	2.39~0.19	3.09~0.24	4.17~0.37	4.82~0.41	3.09~0.24	4.16~0.37	4.83~0.41	5.99~0.57	6.81~0.51
	COP	15.28~6.83	15.34~6.86	13.44~6.46	15.32~6.92	15.16~6.86	14.82~6.43	15.32~6.77	15.16~6.86	14.78~6.45	15.36~6.76	15.32~6.73	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)	1.25	1.52	2.01	2.43	3.15	4.67	5.38	3.15	4.65	5.35	7.40	6.63
	Power consumption (kW)	1.18~0.17	1.58~0.20	2.00~0.26	2.6~0.32	3.28~0.42	4.43~0.64	5.00~0.72	3.28~0.42	4.43~0.64	5.02~0.71	6.25~0.99	7.4~0.89
	COP	7.53~4.93	7.56~4.95	7.61~4.92	7.52~4.86	7.54~4.82	7.33~4.52	7.51~4.84	7.54~4.82	7.31~4.53	7.53~4.83	7.51~4.81	7.46~4.73
Electricity supply	220-240V~ /50Hz							Tri 380V / 3 / 50Hz					
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 (m <sup>3</sup> /h)	2.4	3.2	4	5.0	6.7	8.5	10.5	6.7	8.5	10.5	13.0	15.0	
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	

**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



Extension cord for wired control (10m)



Condensate discharge pipe



Anti-vibration support kit



Delivered on a wooden pallet