



Vertigo Fi

Innovative design & cutting-edge technology

The Vertigo Fi is an ultra-quiet, vertically-ventilated heat pump featuring optimised Full Inverter technology with SCOP A. It combines performance, reliability and energy efficiency, offering optimum comfort while respecting the environment.

- **Optimised Full Inverter technology with Scop >7 class A** : High-performance and economical, it operates down to -10°C.
- **Smart connectivity** : Manage your PAC remotely via Wi-Fi and the Poolex app, and receive maintenance notifications for optimum monitoring thanks to its connection to the Poolex Cloud.
- **Ultra silent**: Low noise level thanks to vertical ventilation.
- **Space saving** : Ideal for installation in even the most confined spaces.
- **Wide range of power ratings from 30m³ to 210m³** : Covers the needs of all swimming pools with its 11 available power ratings.
- **Indicator LED** : The operating status of your heat pump is indicated by a colour code.

	55	75	95	125	155	200	240	155 Tri	200 Tri	240 Tri	300 Tri
Volume of the basin	30-45m³	40-55m³	50-70m³	70-90m³	80-115m³	110-140m³	140-170m³	80-115m³	110-140m³	110-140m³	170-210m³

* see conditions on www.poolex.fr



Application
POOLEX



Vertical air flow



Wi-Fi & Cloud



Salt treatment

WARRANTY

- Heat pump on site* **5 YEARS**
- Compressor **7 YEARS**
- Titanium coil (corrosion-resistant) **15 YEARS**

Vertigo, efficient, economical and silent.

The Vertigo heat pump uses **Full Inverter** technology, with a multi-frequency compressor and variable-speed fan. This technology improves the pump's efficiency, enabling it to achieve a **SCOP of over 7**, what it is worth a **classification in energy A**. It also **reduces power consumption and sound pressure levels**, thanks to soft start-up and continuous operation at reduced speed, thus avoiding consumption peaks.

The Vertigo combines design and cutting-edge technology. Vertical and with an upward airflow requiring a reduced discharge area, it can be installed in a restricted space.

The front features Poolex's **LED technology**, designed for ease of use, with three colours to indicate the heat pump's operating status and WiFi connection.

Vertigo Fi		New data					Under test						
		55	75	95	125	155	200	240	155 Tri	200 Tri	240 Tri	300 Tri	
Pool volume		30-45	40-55	50-70	70-90	80-115	110-140	140-170	80-115	110-140	140-170	170-210	
Reference : PC-VGO		055N2	075N2	095N2	125N2	155N2	200N2	240N2	155TN2	200TN2	240TN2	300TN2	
Air 26°C Water 26°C Hyggro 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	
	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	
	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	
	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	
Air 15°C Eau 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	
	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	
	Power consumption (kW)	1,18~0,16	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	
	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	
Power supply		220-240V~ /50-60Hz						Tri 380V / 3 / 50-60Hz					
Heating temperature range		15~40°C											
Operating range		-10~43°C											
Max. power (kW)		1,6	2	2,8	3,3	4,8	5,8	6,5	4,8	5,8	6,5	8,2	
Flow (m ³ /h)		2,4	3,2	4,1	5,0	6,7	8,5	10,5	6,7	8,5	10,5	13,0	
Circuit breaker (A)		10		16		25		32		10		16	
Cable diameter (at 10m)		RO2V 3x2.5 mm ²		RO2V 3x4 mm ²		RO2V 3x6 mm ²		RO2V 3x10 mm ²		RO2V 5x2.5 mm ²			
Refrigerant		R32											
Packaging dimensions (mm)		570x570x830			635x635x920			720x720x1170	635x635x920	635x635x920	720x720x1170		
Sizes (mm)		510x510x690			575x575x780			660x660x1030	575x575x780	575x575x780	660x660x1030		
Net / gross weight (kg)		30 / 33	35 / 38	40 / 43,8	47 / 55	52 / 60	100 / 115	104 / 119	52 / 60	104 / 119	104 / 119	120 / 145	
Noise 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	
Noise 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	
Compressor type		Single rotary			Double rotary								
Compressor make		TOSHIBA										mitsubishi	
Exchanger		Twisted Tech® Titane											
Function		Eco & Boost Inverter / Heating/ Cooling											
Pressure losses (mCE)		1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1	

Accessories included



Delivery on wooden pallet



Bracket kit anti-vibration



Connectors PVC Ø 50mm 1" 1/2



Winter cover isothermal



Condensate drain pipe



Maintenance box & user manual