POOLEX
FOLLOW THE EXPERT



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

WARRANTY

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



Application POOLEX

App Store

Google Play

Vertical air flow

Wi-Fi & Cloud

Salt treatment

www.poolex.fr

FOR BASINS **up to 210m³** | WORKS **from -10°C** | **11 versions** AVAILABLE

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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.

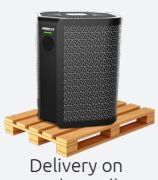
The Vertigo combines design and cutting-edge technology. Vertical and with an upward airflow requiring a reduced discharge area, it can be installed in a restricted space.

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.

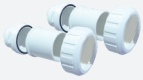
Vertigo Fi		55	75	95	125	155	200	240	155 Tri	200 Tri	240 Tri	300 Tri
Pool volume		30-45	40-55	50-70	70-90	80-115	110~140	140-170	80-115	110~140	140-170	170-210
	Reference : PC-VGO	055N2	075N2	095N2	125N2	155N2	200N2	240N2	155TN2	200TN2	240TN2	300TN2
Air 26°C Water 26°C Hyggro 80%	Max. power output, (kW)	7,70	10,35	13,27	16,53	21,2	26,05	31,23	21,2	26,86	31,23	37,4
	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	4,92~0,41	3,09~0,26	4,16~0,34	4,92~0,41	6,03~0,51
	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**	**29,06**
	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**	**4,41~0,56**	**4,99~0,71**	**5,97~0,84**
	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**	**7,55~4,84**	**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 (m³/h)		2,4	3,2	4,1	5,0	6,7	8,8	10,5	6,7	8,8	10,5	12,5
Circuit breaker (A)		10		16		25	32		10	16		
Cable diameter (at 10m)		RO2V 3x2.5 mm²		RO2V 3x4 mm²		RO2V 3x6 mm²	RO2V 3x10 mm²		RO2V 5x2.5 mm²			
Refrigerant		R32										
Packaging dimensions (mm)		558x558x845			630x630x930		735x735x1220		630x630 x930	735x735x1220		
Sizes (mm)		510x510x697			575x575x790		680x680x1080		575x575 x790	680x680x1080		
Net / gross weight (kg)		33 / 48	38 / 52	44 / 56	63 / 79	68 / 85	90 / 105	97 / 115	70 / 87	90 / 105	100 / 115	115 / 130
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

125 / 155 / 155T: Data under test

Accessories included


Delivery on wooden pallet


Bracket kit anti-vibration


Connectors PVC Ø 50mm 1'' ½


Winter cover isothermal


Condensate drain pipe



Maintenance box & user manual

Edition 02/2025 - Picture not contractual