



## VERTEX FI

### Elegant technology

- Upward ventilation
- Full Inverter technology
- Elegant and discreet design
- Wide range of capacities from 30 to 240m<sup>3</sup>
- Indicative LED

**HEAT PUMP GUARANTEED**

**2**  
YEARS

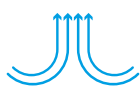
**COMPRESSOR GUARANTEED**

**5**  
YEARS

**TITANIUM COIL**  
GUARANTEED AGAINST CORROSION

**15**  
YEARS

	1	2	3	4	5	6	6T	7T
Pool volume	30-45m <sup>3</sup>	40-55m <sup>3</sup>	50-70m <sup>3</sup>	65-90m <sup>3</sup>	80-115m <sup>3</sup>	110~145m <sup>3</sup>	110~145m <sup>3</sup>	200-240m <sup>3</sup>
COP air 15°C water 26°C	7.58~4.95	7.61~4.96	7.62~4.97	7.63~4.98	7.59~4.97	7.64~4.99	7.62~4.98	7.58~4.96
Noise level at 10m (db(a))	<19 ~ <26	< 20 ~ <26	<20 ~ <28	<21 ~ <30	<23 ~ <31	<24 ~ <33	<24 ~ <33	<24 ~ <33



Vertical  
ventilation



Integrated  
Wi-Fi



## TECHNICAL DATA

Vertex fi		1	2	3	4	5	6	6T	7T
Pool volume		30-45	40-55	50-70	65-90	80-115	110~145	110-145	200~140
Reference: PC-VTX		055	075	100	130	160	210	210T	320T
Air 26°C Water 26°C Hygro 80%	Max. output power (kW)	7.58	10.22	13.22	16.83	21.54	28.65	28.72	42.11
	Min. output power (kW)	1.73	2.33	3.01	3.83	4.89	6.58	6.61	9.82
	Power consumption (kW)	1.09~0.11	1.47~0.15	1.90~0.19	2.42~0.24	3.10~0.30	4.10~0.41	4.12~0.41	6.05~0.61
	COP	16.02~6.93	16.06~6.94	16.09~6.96	16.14~6.96	16.11~6.95	16.15~6.98	16.14~6.97	16.10~6.96
Air 15°C Water 26°C Hygro 70%	Max. output power (kW)	5.84	7.85	9.85	12.82	15.92	20.88	20.92	32.42
	Min. output power (kW)	1.33	1.79	2.24	2.92	3.61	4.75	4.76	7.48
	Power consumption (kW)	1.18~0.18	1.58~0.24	1.98~0.29	2.57~0.38	3.20~0.48	4.18~0.62	4.20~0.62	6.54~0.99
	COP	7.58~4.95	7.61~4.96	7.62~4.97	7.63~4.98	7.59~4.97	7.64~4.99	7.62~4.98	7.58~4.96
Power supply		220-240V~ /50Hz						Tri 380V / 3 / 50Hz	
Heating temperature range		8~40°C							
Operating range		-15~43°C							
Max. power (kW)		1.85	2.68	3.65	4.06	4.65	6.26	6.27	9.62
Flow (m³/h)		2.5	3.5	4.5	5.5	6.5	9	9	14
Refrigerant		R32							
Packaging dimensions (mm)		600x455x690		610X570X765	700x700x863		800x765x1058		
Dimensions (mm)		414x414x576		552x525x641	652x625x741		742x716x935		
Net/gross weight (kg)		35 / 45	39 / 49	51 / 56	62 / 72	67 / 77	82 / 95	82 / 95	112 / 125
Noise at 1 m (db(A))		<36~<45	<37~<46	<39~<47	<40~<49	<41~<50	<42~<51	<42~<51	<42~<51
Noise at 10 m (db(A))		<19~<26	<20~<26	<20~<28	<21~<30	<23~<31	<24~<33	<24~<33	<24~<33
Compressor type		Rotary		Twin rotary					
Compressor brand		MITSUBISHI							
Heat exchanger		Twisted Tech© Titanium							
Operation		Eco & Boost Inverter / Heating / Cooling/Automatic							
Pressure loss (mH2O)		1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

### With its Vertex Fi heat pump, Poolex reinforces its tradition of excellence for all by combining technology, design and accessibility.

At the very heart of this Full Inverter pump, a Mitsubishi multi-frequency compressor and a variable speed fan that optimise its operation by varying its speed according to need and reducing power consumption. The low sound pressure of Full Inverter is further reduced by a Sawtooth fan that limits the friction of the air against the rotating impeller as well as a vertical ventilation.

Economic and sound advantages that make it easy to install your heat pump close to where you live. To achieve this, Poolex relies on the Vertex Fi's design. It is encased in a powder-coated, UV-resistant metal shell. A sleek design with a neat finish, enhanced by a discreet chrome insert.

LED indicators provide both originality and information on the operating status of the heat pump, while the WiFi link allows you to control it remotely by sending you essential information about your swimming pool.

The Vertex Fi heat pump can be used all year round thanks to its dual anti-freeze system incorporating a patented Poolex heat exchanger and automatic defrosting by cycle inversion, enabling it to operate at outdoor temperatures as low as -15°C

Available in single and three phase versions, the Vertex Fi is suitable for heating 90% of private pools.

Poolex is aware of environmental issues and uses R32 gas for the refrigerant in its heat pumps. The brand also focuses on the durability of its equipment with easy access to main parts and availability of spare parts after the warranty period.

### The POOLEX : all accessories included



Isothermal cover for storage over winter



Maintenance kit & Manual



PVC connectors Ø50mm 1 1/2



Condensate discharge pipe



Support kit anti-vibration



Delivered on wooden pallets