

NEW

VERTICAL HEAT PUMP

NEW RANGE WITH ALL
YEAR OPERATION TO
REPLACE OUTGOING
VPT12/16/22



5 YEARS

ON-SITE PARTS AND LABOUR
WARRANTY SUPPORTED BY DAN THERM



FEATURES

- Inverter heat pumps – deliver enhanced performance and energy savings
- Eco-friendly R32 refrigerant – environmentally responsible and highly efficient
- Twisted titanium heat exchanger – provides 40% higher efficiency
- Touchscreen user interface
- Multi-function operation – choose from heating, cooling, or a combination of both
- Built-in Wi-Fi module – control your heat pump remotely via the IGarden app
- Operating range of -10°C to +43°C – reliable year-round operation in extreme temperatures, reverse cycle defrosting with 4-way valve
- Two operating modes – Boost mode and Silence mode

STANDARD AND OPTIONAL ACCESSORIES

- Operating manual
- Anti-vibration mounts
- Winter cover
- Water union connectors
- Condensate drainage kit
- Remote control panel with 10m cable (optional)



SPECIFICATIONS

	UNITS	VPRO12A	VPRO16A	VPRO22A
Rated Fuse / MCBa type C	A	16	25	25
Air temperature range	°C	-10 to 43°C	-10 to 43°C	-10 to 43°C
Water Temperature range	°C	12.0-40.0	12.0-40.0	12.0-40.0
PERFORMANCE - Air 27°C, 80% RH, Water 27°C				
Heating Capacity (turbo)	kW	13.5	21	26
COP range (perfect)		15-6.9	15.9-7	15-6.9
Average COP at 50% speed (perfect)		11.5	11.8	11.5
PERFORMANCE - Air 15°C, 70% RH, Water 26°C				
Heating capacity (turbo)	kW	10	15.1	18.6
COP range (perfect)		7.1-5	7.8-5.1	7.5-4.8
Average COP at 50% speed (perfect)		6.9	7.3	7.1
PERFORMANCE - Air 35°C, 80% RH, Water 28°C				
Cooling capacity	kW	6	9	11.2
Power supply	V/Hz	230/1ph/50	230/1ph/50	230/1ph/50
Rated input power	kW	0.33-2	0.45-3	0.84-3.9
Rated input current	A	1.39-8.7	1.96-13	3.65-17
Maximum input current	A	12	17	20
Water flow	m ³ /h	4.0-6.0	8.0-10.0	10.0-12.0
Water connection	inches or mm	1 1/2 inches or 50mm	1 1/2 inches or 50mm	1 1/2 inches or 50mm
R32 gas weight	kg	0.75	1.2	2
Sound level @ 10m	dB(A)	21-32	32.8-34.7	31.5-35.2
Product size (w x d x h) (Net)	mm	780 x 710 x 656	780 x 710 x 657	780 x 710 x 758
Net weight	kg	67	77	88

