

SMALL INVERTER HEAT PUMPS

V-PAC 12-16-22



Inverter technology allows for efficient control of the pool temperature, and the V-PAC only uses what energy is needed when it is required. High efficiency with modulating step-less inverter compressor giving an average COP of 10.7.



- Average COP 10.7 = 2 x more efficient than on/off heat pumps
- Eco-friendly refrigerant R32 = 675 GWP, (Global Warming Potential)
- Inverter heat pump
- Power ratings from 14 to 24kW
- 9-11 dB(A) sound reduction than on/off heat pump, with 'Whisper Mode'.
- Ideal for confined spaces
- Operates in air temperatures of -5°C to +43°C
- Integrated controller with a touchscreen user interface
- Function settings for heating, cooling or heat/cool
- Soft start-up
- ABS alloy

Included in the box



**Rubber feet
(kit of 4)
1005526**



**Drainage kit
1005558**



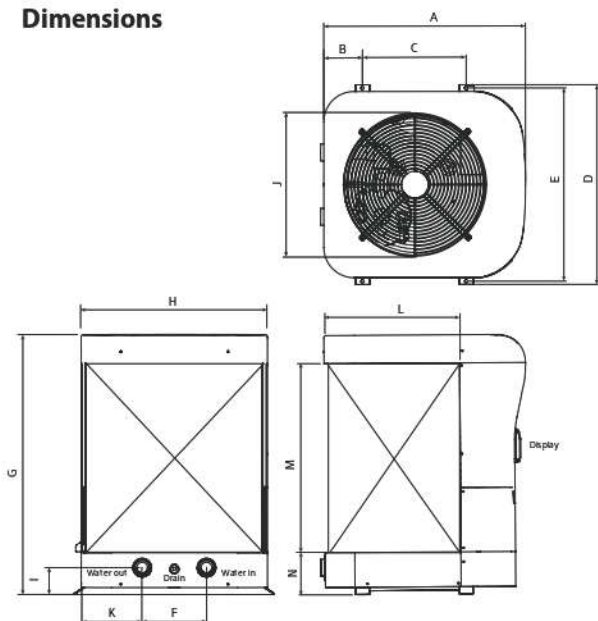
**Water union
connectors 2 x 1½
2 x 50mm 1005629**

SMALL INVERTER HEAT PUMPS

V-PAC 12-16-22



Dimensions



Model	A	B	C	D	E	F	G
V-PAC 12ALX	650	98	362	650	626	220	835
V-PAC 16ALX	650	98	362	650	626	220	835
V-PAC 22ALX	752	138	387	745	721	240	967

Model	H	I	J	K	L	M	N
V-PAC 12ALX	600	92	490	190	430	588	130
V-PAC 16ALX	600	92	490	190	430	588	130
V-PAC 22ALX	695	92	530	228	505	705	157

Specifications	Units	V-PAC 12ALX	V-PAC 16ALX	V-PAC 22ALX
Air temperature range	°C	-5-43	-5-43	-5-43
Water temperature range	°C	8-40	8-40	8-40
Performance – air 27°C 80% RH, water 27°C				
Heating capacity	kW	14.11	18.5	24.4
COP range		18.5-6.28	18.5-6.03	13.5-5.14
Average COP at 50% speed		10.7	10.8	8.8
Performance – air 15°C 70% RH, water 26°C				
Heating capacity	kW	10.64	13.61	17.8
COP range		8.5-5.11	8.4-5.02	6.2-4.14
Average COP at 50% speed		6.5	6.4	4.7
Performance – air 5°C 70% RH, water 10°C				
Heating capacity	kW	6.2	9.0	11.5
Performance – air 35°C 80% RH, water 28°C				
Cooling capacity	kW	6.23	6.7	10.3
Power supply	V/Hz	230/1ph/50	230/1ph/50	230/1ph/50
Rated input power	kW	0.20-2.24	0.23-3.06	0.75-4.75
Maximum input current	A	12.5	15.5	24.5
Water flow	m³/h	4.97	6.5	8.98
Water connection	"/mm	1½/50	1½/50	1½/50
Compressor		Inverter	Inverter	Inverter
Condenser		Titanium	Titanium	Titanium
R32 gas weight/CO ₂ equivalent	kg/t	0.8/0.54	0.8/0.54	1.7/1.15
Sound level @ 10m	dB(A)	<29	<30	<30
Product size (w x d x h)	mm	650 x 650 x 835	650 x 650 x 835	745 x 752 x 967
Weight	kg	70	80	95