


**SPECIFICATION VP 500L-DHW  
SINGLE SPLIT INSTALLATION**

INDOOR UNIT		OUTDOOR UNIT	
Article Number	10300		60610
Producer Name	POLAR ENERGI		Panasonic
Product Code	VP 500L DHW		U-71PZH2E5
Heating Capacity	8 kW	Maximum Heating Capacity kW	9 kW
Designed for	Residential	Industry and commercial	
PSHI™ Technology	YES	Shower capacity á 70 liter DHW	10 people
Domestic Hot Water (DHW)	YES	Domestic Hot Water (DHW)	
Cylinder volume	510 liter	COP DHW (A7/W10-55), Standard EN16147	COP 4.23
Capacity at 40 °C	713 liter	(A7/W10-55) EN16147 tapping profile XL	
Cylinder material/thickness	316L / 2 mm	Heating up time	199 Min
Heat exchanger "pipe in pipe"	316L / 35 meter	Input power source	230V/1 pha
Back-up heater Effect	3.0 kW/230V/1 pha	Outdoor ambient operating range	minus 20°C to 35°C
Back up heater connection	Integrated	Sound power / Sound pressure dB/dB(A)	67-/50
Anode	Magnesium	Rec. fuse (amp)	20
Max working pressure	9.5 bar	Refridgerant type	R32
		Refridgerant pipe dimentions	Flare 3/8" - 5/8"
<b>Waterborne Heating</b>	<b>NO</b>	Refridgerant pre-load /eq Co2 ton	1.95 kg / 1.316
Refridgeration expansion tank	Yes	Net weight	68 kg
Internal and external pickling	Yes	Dimensions	99.6 x 94 x 34 cm
External Material	ABS, WHITE		
Insulation, Hard Polyurethane	70 mm		
Refridgerant type	R32		
Refridgerant pipe dimentions	3/8"- 5/8 " (braising)		
Connection DHW inlet/outlet	3/4"- 1"		
Rec. fuse DHW (amp)	16		
Net weight in Kg	110 kg		
Net diameter in cm	79 cm		
Net height in cm, tank only	166 cm		
Net height in cm, with piping	176 cm		
Tilting height in cm	184 cm		
Adjustable level feet	Yes		
Gross weight in Kg (transport)	123 kg		
Gross size L x W x H (transport)	80 x 80 x 190 cm		
Gross volume m3 (transport)	1.22 m3		