



## SPECIFICATION VP 380/440L SINGLE SPLIT INSTALLATION

INDOOR UNIT		OUTDOOR UNIT	
Article Number	20200		60650
Producer Name	POLAR ENERGI		Panasonic
Product Code	VP 380/440L		U-200PZH2E8
Heating Capacity	16.0 to 25.0 kW	Maximum Heating Capacity	25.0 KW
Designed for	Industry	Industry and commercial	
PSHI™ Technology	YES	Shower capacity á 70 liter DHW	15 people
Domestic Hot Water (DHW)	YES	Domestic Hot Water (DHW)	
Cylinder volume	380 liter	COP DHW (A7/W10-55), Standard EN16147	COP 4.53
Capacity at 40 °C	1000 liter	(A7/W10-55) EN16147 tapping profile XXL	
Cylinder material/thickness	316L / 3 mm	Waterborne Heating (7°C outdoor temp.)	
Heat exchanger "pipe in pipe"	316L / 23 meter	Temp 30/35 °C, Nominal kW (Min-Max) / COP	22,0 (5,0-25,0) / 4,46
Heat exchanger pre-heating	316L / 30 meter	Temp 47/55 °C, Nominal kW (Min-Max) / COP	19,5 (3,6-22,6) / 3,40
Back-up heater Effect	6.0 kW/400V/3 pha	Temp 35 °C - Efficiency Class	
Back up heater connection	Integrated	Combined COP, waterborne 35 °C, DHW 75 °C	COP 5.12
Anode	Electronic	Input power source	400V/3 pha
Max working pressure	9,5 bar	Sound power / Sound pressure dB/dB(A)	79-/61
		Rec. Fuse (amp)	16
Waterborne Heating	YES	Refrigerant pipe dimentions	Flare 3/8" - 1"
Cylinder volume	440 liter	Refrigerant type	R32
Cylinder material/thickness	316L / 3 mm	Refrigerant pre-load /eq Co2 ton	4,2kg / 2,835
Heat exchanger, single pipe	316L / 43 meter	Outdoor ambient operating range	minus 27°C to 35°C
Back-up heater effect	6.0 kW/230-400V/3 pha	Net weight	117 kg
Back up heater connection	2 "	Dimensions	150 x 98 x 37 cm
Max working pressure	3.0 bar		
Refridgeration expansion tank	NO		
Internal and external pickling	YES		
External Material	ABS, WHITE		
Insulation, Hard Polyurethane	70 mm		
Refrigerant type	R32		
Refrigerant pipe dimentions	1/2" - 3/4" (braising)		
Connection DHW inlet/outlet	3/4"- 1"		
Connection T/R waterborne	1 1/4"		
Rec. fuse DHW (amp)	16		
Rec. fuse waterborn (amp)	16		
Net weight in Kg	200 kg		
Net diameter in cm	89 cm		
Net height in cm, tank only	216 cm		
Net height in cm, with piping	226 cm		
Tilting height in cm	235 cm		
Adjustable level feet	No		
Gross weight in Kg (transport)	213 kg		
Gross size L x W x H (transport)	100 x 100 x 240 cm		
Gross volume m3 (transport)	2.40 m3		