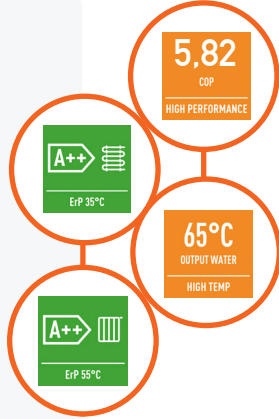
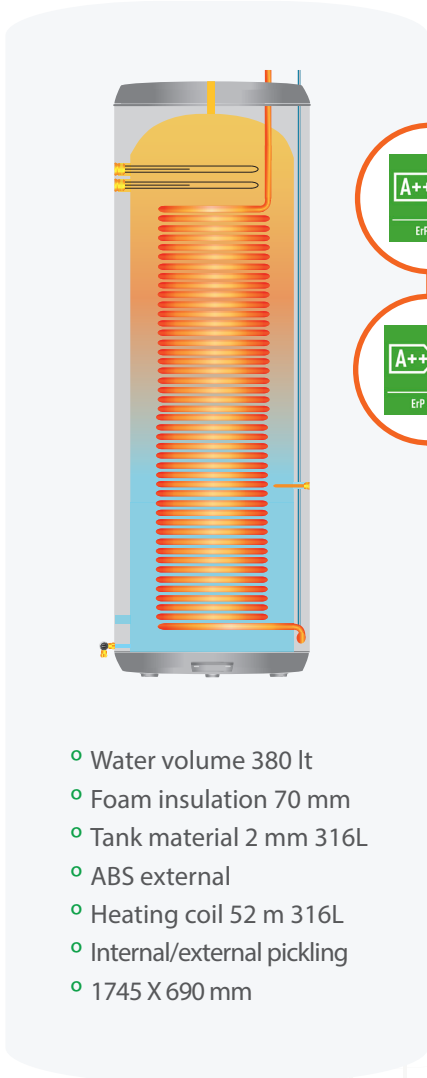


## VP380L UNIQUE SOLUTION, OUTSTANDING RESULTS


Household and industry waterborne heating and cooling, 11,2 kW to 28 kW Nominal



- Water volume 380 lt
- Foam insulation 70 mm
- Tank material 2 mm 316L
- ABS external
- Heating coil 52 m 316L
- Internal/external pickling
- 1745 X 690 mm

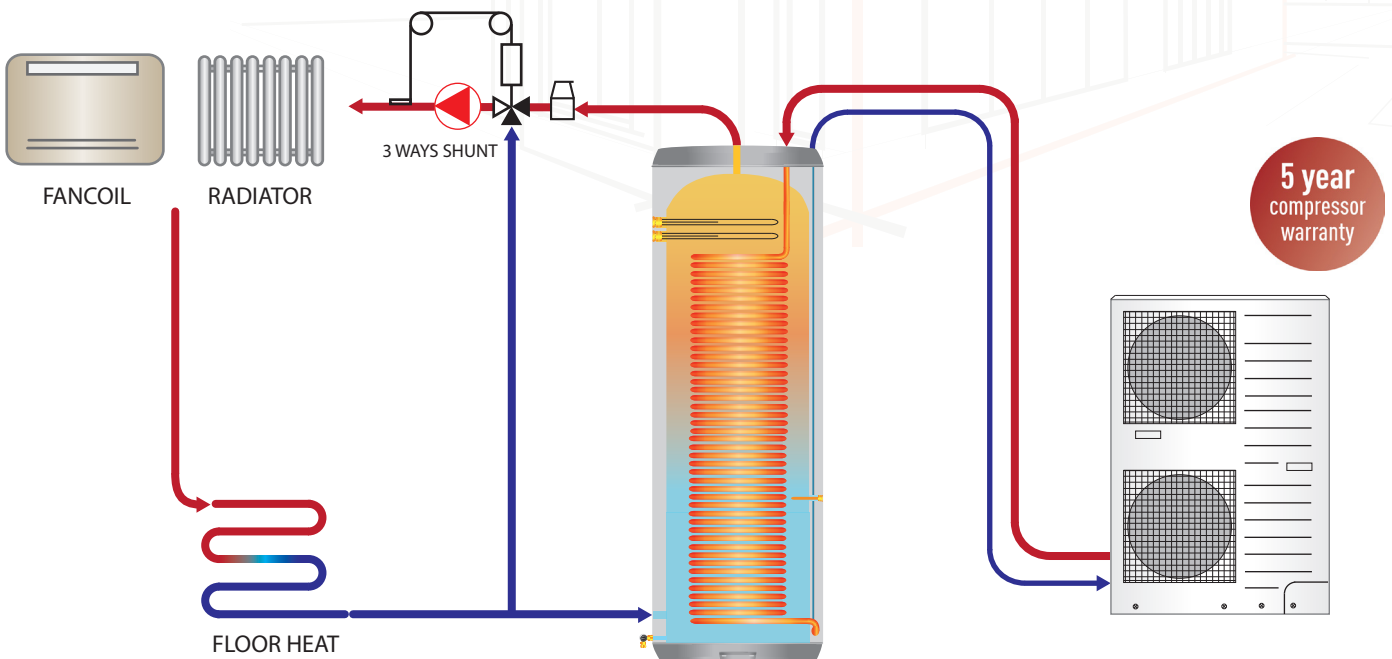
## BE A PART OF THE FUTURE



- High savings, fast investment recovery
- Functionality and stability = less support needed
- Proven durability = highly reliable system
- Combinable with other heating sources
- Environment-friendly = suits all newest regulations
- Internet based connection with installer for performance and failure monitoring
- System performance certified by 

Polar Energi's technology is approved by

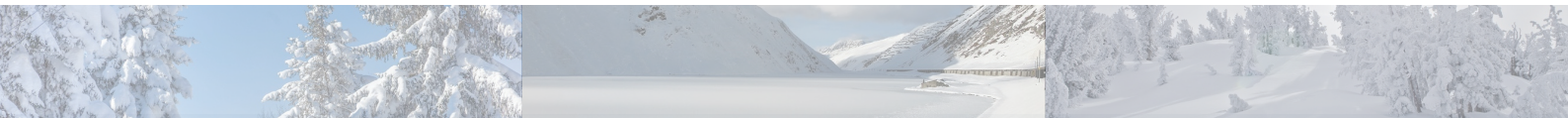
**Panasonic**  
heating and cooling systems






5 year  
compressor  
warranty

## Indoor Unit VP 380L

Outdoor Unit		U-250PE2E8A	U-8ME2E81	U-10ME2E8	
Cooling capacity outdoor 35°C watertemp 7/12°C Nominal (Min-Max)	kW	25 (6,3-28,0)			
EER Nominal	W/W	2,91			
Heating capacity +7°C Nominal (Min-Max)	kW	28 (7,1-31,5)	21,5 (4,0-25)	28 (6,0-31,5)	
COP +7 °C turn water temp 35°C	V/V	3,84	5,08	4,73	
Heating capacity +2°C Nominal	kW	23	16,5	23	
COP +2°C turn water temp 35°C	V/V	3,45	4,36	4,33	
Heating capacity -7°C Nominal	kW	22,6	15,5	22,6	
COP -7°C turn water temp 35°C	V/V	3,3	4,13	4,19	
Heating capacity -15°C Nominal	kW	20,1	14,5	20,1	
COP -15°C turn water temp 35°C	V/V	2,78	4,01	3,67	
<b>VP 380L</b>					
Conection turn/return waterborne heating	Inc	1 1/4"	1 1/4"	1 1/4"	
Water flow (ΔT = 5 K, 35 °C)	l/min	0 til 68	0 til 58	0 til 68	
Capacity of intregated electric heater volte	(kW) (V)	2x6 kw 230/400V 3 fas	2x6 kw 230/400V 3 fas	2x6 kw 230/400V 3 fas	
Refrigerant pipe dimension	Inc	3/8"flare - 3/4"	3/8"Flare - 3/4"	3/8" flare - 3/4"	
Dimensions	H x B	mm	1745 x 690	1745x 690	
<b>Outdoor Unit Panasonic Paci and VRF</b>					
Sound pressure level	Oppvarming	dB(A)	57	56,5	59
Refrigerant (R410A)		kg	5,3	6,9	6,9
Pipe diameter refrigerant	liquid/gas	Inc (")	3/8" / 3/4"	3/8" / 3/4"	3/8" / 3/4"
Additional charge g/m		kg / g/m	4 / 200	3 / 150	3 / 150
Pipe length range max		m	30	30	30
Pipe length for nominal capacity		m	7	7	7
Dimensjon	H x B x D	mm	1500 x 980 x 370	1842 x 770x 1000	1842 x 940 x 1000
Net weight		kg	128	250	250
Operation Range	Outdoor ambient temperature / Water outlet temperature	°C	-25 +35 / +7 +65	-26 +35 / +7 +55	-26 +35 / +7 +55
Recommended fuse		A	(20) 400V 3 fas 50/60HZ	(16) 400V 3 fas 50/60HZ	(20 ) 400V 3 fas 50/60HZ



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POLAR ENERGI TECHNOLOGY IS PATENT PROTECTED
- \*

HIGH EFFICIENCY GREEN TECHNOLOGY
- \*

10 YEARS WARRANTY

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