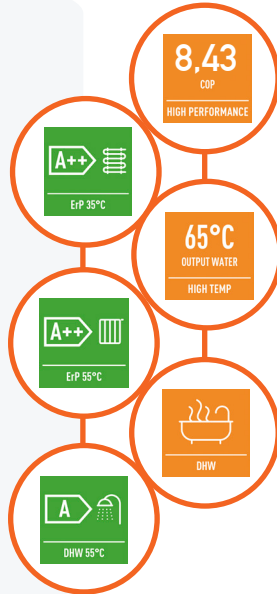
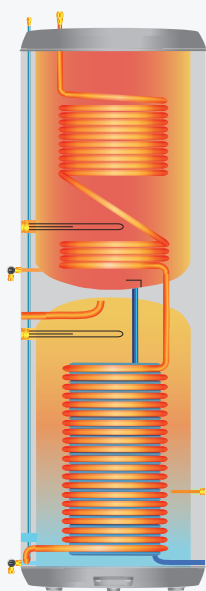


VP150/170L UNIQUE SOLUTION, OUTSTANDING RESULTS


Household waterborne heating in combination with sanitary water, 5,8 kW to 11,2 kW Nominal



- Water volume DHW 150 lt
- Double wall coil 8 m 316L
- Foam insulation 70 mm
- Tank material 2 mm 316L
- ABS external
- Floortank 170 lt
- Pre-heating coil 18 m 316L
- Heating coil 25 m 316L
- Internal/external pickling
- Electronic anode
- 1870 X 640 mm

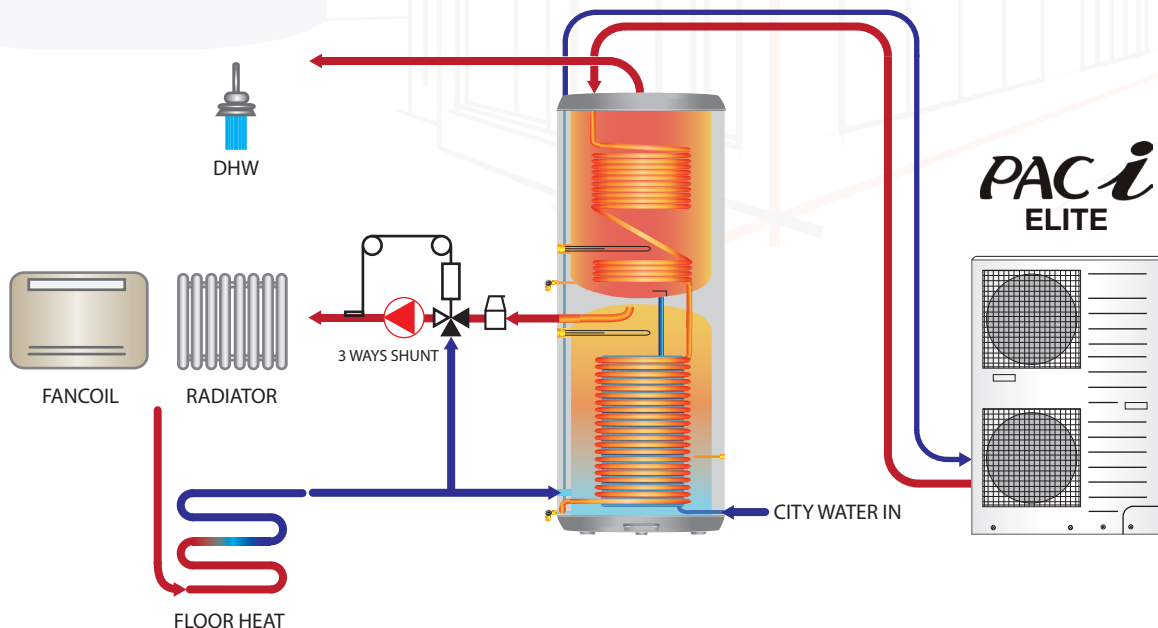
BE A PART OF THE FUTURE



- 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

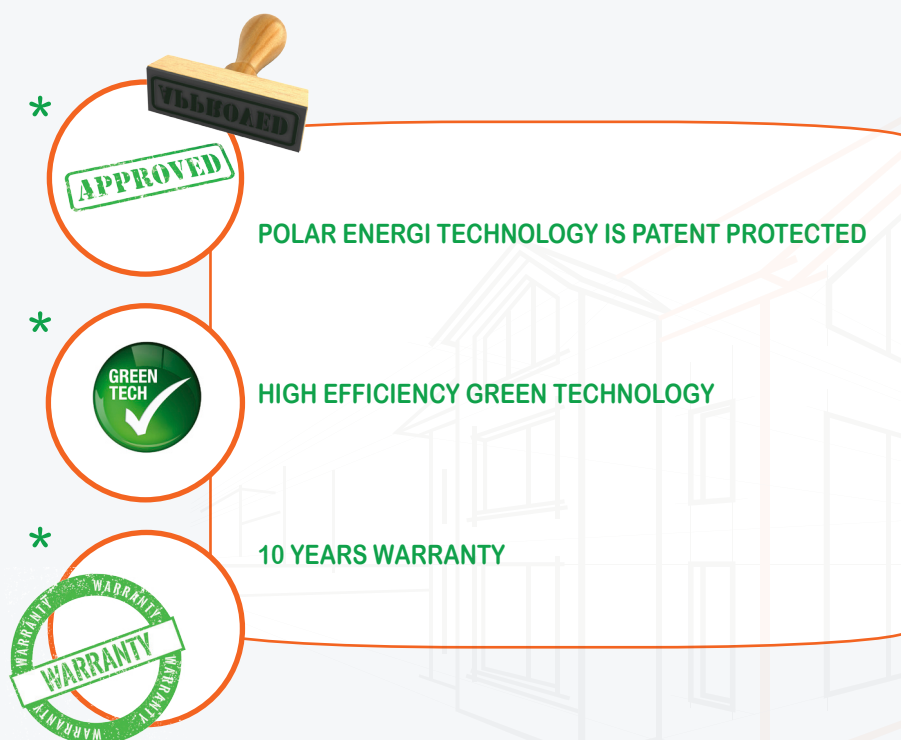
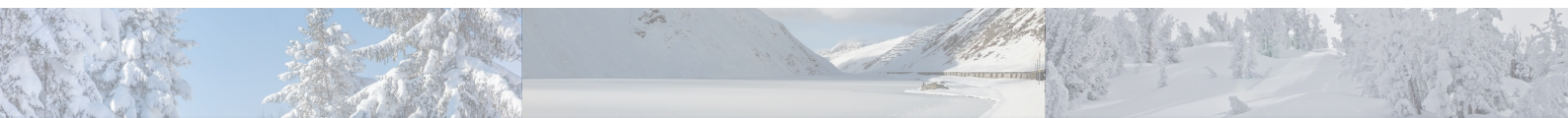


PAC i
ELITE

5 year
compressor
warranty

Indoor unit VP 150/170L

Outdoor Unit		U-50PE1E5	U-71PE1E5	U-100PE1E5
Heating capacity +7°C Nominal (Min-Max)	kW	5,6 (1,5-6,5)	8 (2,0-9,0)	11 (4,0-14)
COP +7 °C turn water temp 35°C (*inkl sanitary water 80°C)	V/V	4,66 (*5,82)	4,62 (*5,77)	4,73 (*5,79)
Heating capacity +2°C Nominal	kW	4,91	7,55	12,55
COP +2°C turn water temp 35°C (*inkl sanitary water 80°C)	V/V	4,09 (*5,11)	4,36 (*5,45)	4,39 (*5,47)
Heating capacity -7°C Nominal	kW	4,2	7,15	11,25
COP -7°C turn water temp 35°C (*inkl sanitary water 80°C)	V/V	3,5 (*4,37)	4,13 (*5,16)	4,14 (*5,3)
Heating capacity -15°C Nominal	kW	3,77	6,95	10,65
COP -15°C turn water temp 35°C (*inkl sanitary water 75°C)	V/V	2.83 (*3,39)	2,78 (*3,33)	2,69 (*3,22)
VP 150/170L				
Conection turn/return waterborne heating		Inc	1"	1"
Conection Prehating coil (sity water)		Inc	R 1/2"	R 1/2"
Conection Sanitary water 80°C		Inc	1"	1"
Water flow (ΔT = 5 K. 35°C)		l/min	0 - 15	0 - 20
Sanitary water capacity at 40°C) XXL		L	380	421
Capacity of intregrated electric heater volte and current (Sanitary water)		(kW)	(2) 230V 1 fas -	(2) 230V 1 fas
Capacity of intregrated electric heater volte and current (Waterborne heating)		(kW)	(6) 230/400V 3 fas	(6) 230/400V 3 fas
Refrigerant pipe dimension		Inc	3/8"flare - 1/2"flare	3/8"flare - 1/2"flare
Dimensions	H x B	mm	1875 x 640	1875 x 640
Outdoor Unit Panasonic Paci Elite				
Sound pressure level	Heating Mode	dB(A)	46	48
Refrigerant (R410A) 4m		kg	1,65	2,35
Pipe diameter refrigerant	Liquid/Gas	Inc (")	1/4" / 1/2"	3/8" / 5/8"
Additional charge pr/m max over 4 meters		gr- kg	200 - 1,20	150 - 1,20
Pipe length range max		m	15	20
Pipe length for Nominal capacity		m	7	7
Dimensjon	H x B x D	mm	569 x 790 x 285	996 x 940 x 340
Net weight		kg	42	68
Operation Range Outdoor ambient temperature/ Water outlet temperature		°C	-25 +35 +10 +60	-25 +35 +10 +60
Recommended fuse		A	(16) 230V 1 fas 50/60HZ	(20) 230V 1 fas 50/60HZ



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