

SENSAHEAT

Premium Inverter Pool & Spa Heat Pumps

PI SERIES

The SENSAHEAT PI Series inverter heat pumps have been specifically designed for pool and spa applications across Australia and New Zealand. Ensuring optimum performance and many years of trouble free operation.



The PI series heat pumps are the flagship models of the SENSAHEAT range, offering the latest and most efficient inverter technology and an industry leading ultra quiet operation. With heater sizes from 9Kw up to 35Kw, you can be sure to find a heater to suit your pool & spa requirements.



Mitsubishi Twin-Rotary
Inverter Compressor



Unique Air-Stream
Design



DC Brushless
Fan Motor

- Inverter Technology
- Super Quiet Operation
- Reverse Cycle, Heating & Cooling
- Eco Friendly R32 Gas
- Touch Control
- Wifi Standard
- Titanium Heat Exchanger
- Mitsubishi DC Compressor

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PI Series Specifications

Model	HPPI09	HPPI13	HPPI17	HPPI21	HPPI28	HPPI35S
PERFORMANCE CONDITION: Air 27C/ Water 27C/ Humid 80%						
Heating capacity (Kw)	9.0	13.0	17.5	20.8	27.8	35.0
COP Range	14.0-7.1	14.5-7.0	15.6-6.9	14.6-7.0	15.8-7.2	15.3-7.0
Average COP at 50% Speed	10.4	10.4	10.9	10.9	11	10.6
PERFORMANCE CONDITION: Air 15C/ Water 26C/ Humid 70%						
Heating capacity (Kw)	6.5	8.9	12.3	14.3	18.8	24
COP Range	7.3-4.7	7.5-4.9	7.7-4.9	6.9-4.9	7.8-4.9	7.5-5.0
Average COP at 50% Speed	6.4	6.3	6.5	6.5	6.5	6.6
PERFORMANCE CONDITION: Air 35C/ Water 28C/ Humid 80%						
Cooling Capacity (Kw)	4.4	6.2	8	10	11.7	16
TECHNICAL SPECIFICATIONS						
Reverse Cycle	Standard					
Operating Air Temperature (C)	-10C ~ 43C					
Heating Temperature Range (C)	18C ~ 40C					
Cooling Temperature Range (C)	12C ~ 30C					
WiFi	Standard					
Heat Exchanger	Twisted Titanium					
Power Supply	230V 1 Ph	230V 1 Ph	230V 1 Ph	230V 1 Ph	230V 1 Ph	400V 3Ph
Electrical Connection	10A Plug	15A Plug	Hard Wired	Hard Wired	Hard Wired	Hard Wired
Rated Input Power (Kw)	0.19-1.38	0.26-1.80	0.32-2.51	0.38-2.92	0.50-3.84	0.65-4.80
Rated Input Current (A)	0.83-5.98	1.13-7.83	1.39-10.9	1.65-12.7	2.17-16.7	0.94-6.96
Maximum Input Current (A)	8.5	12	15	17	20	10.5
Sound Level at 1m dB (A)	36.8-46.2	40.1-48.7	41.1-51.8	38.9-52.2	41.5-52.9	40.6-52.6
Sound Level at 10m dB (A)	16.8-26.1	20.1-28.7	21.1-31.8	18.9-32.2	21.5-32.9	20.6-32.6
Advised Water Flux (L/Min)	30-70	70-100	100-130	130-170	170-200	200-300
Water Connection (mm)	40mm					
Net Weight (kg)	55	59	68	74	94	140
Net Dimension L x W x H (mm)	890*440*658	890*440*658	1060*440*658	1060*440*758	1060*440*958	1310*527*990
WARRANTY**						
Heat Exchanger	25 Years					
Compressor	5 Years					
Parts	2 Years					
On-Site	1 Year					

**Please read T & C's for full details, the above information is only a reference