

spanet

**power
smart**
Heat Pumps



Silent and high performance, new generation inverter



High COP Output

Experience a COP of up to 16.2 thanks to advanced full DC inverter technology, allowing variable compressor and fan speeds.



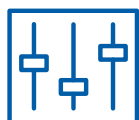
Ultra Silent

Patented centrifugal fan design optimises air displacement whilst minimising noise. Noise levels as low as 36dB(A) at 1M distance.



Less Installation Space

Unique airflow design has air intake on rear and air discharge on the left side reducing installation space requirements.



Multiple Operating Modes

Power mode for fast heating, Smart mode for maximum efficiency, Silent mode for ultra-quiet operation.



Remote Control via WiFi

Control and configure your heat pump remotely from anywhere in the world with the Boost Core app.

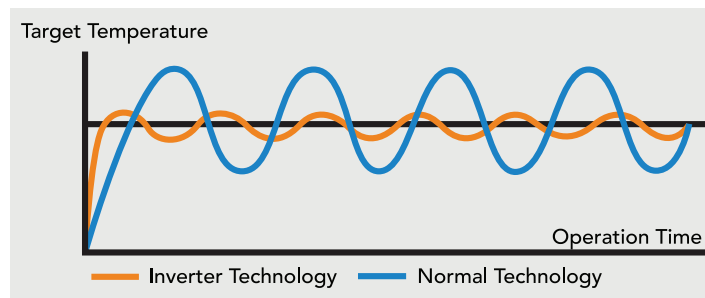
**Lower noise,
higher efficiency,
more
cost-effective
heating**

Inverter technology saves energy and accelerates heating time, delivering extremely high COP



Inverter Technology

With advanced DC inverter technology, the PowerSmart heat pumps analyse both ambient and water temperatures and then control the compressor and fan motor speeds to deliver optimised performance and maximum COP for those conditions. A more stable water temperature can be maintained as heat can be replenished at very efficient low speeds without the larger temperature and power fluctuations experienced with traditional on/off heat pumps.



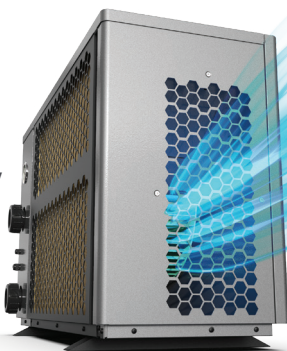
Smart Controller

Smart capacitive touch keypad with IPX5 rated waterproofing makes operation smooth and simple. Select from three different operating modes (Power/Smart/Silent), program up to 7 x run timers and lock down those settings with the keylock feature.



Side Discharge

Innovative centrifugal fan and air blower duct design with side discharge optimises performance, minimises noise and reduces the installation space requirements compared to conventional pool heat pumps.



SPECIFICATIONS

MODEL	SHP-90SI	SHP-150SI	SHP-170SI	SHP-210SI
PERFORMANCE CONDITION - AIR 26°C / WATER 26°C / HUMID. 80%				
Heating Capacity (kW)	9~2.1	15~3.7	17.5~4.4	21.2~5.6
COP (Smart Mode)	7.0~16.1	7.2~16.2	7.1~16.0	6.8~15.7
PERFORMANCE CONDITION - AIR 15°C / WATER 26°C / HUMID. 70%				
Heating Capacity (kW)	6.4~1.7	10.2~3	11.7~3.4	14.7~4.1
COP (Smart Mode)	5.0~7.9	5.2~8.0	5.1~7.9	4.9~7.7
ELECTRICAL				
Power Supply	220-240V ~			
Phase / Hertz	1PH / 50Hz			
Rated Current (A)	7.5~0.9	10.7~1.2	12.8~1.5	17.2~1.8
ENVIRONMENTAL				
Operating Air Temperature	-15°C to 43°C			
Waterproof Class	IPX5			
MECHANICAL				
Compressor	Rotary DC-Inverter			
Heat Exchanger	Titanium in PVC			
Refrigerant	R32			
CO2 Equivalent (T)	0.51	0.68	0.81	0.95
Water Connection (mm)	40			
Water Flow Volume (m3/h)	4	7	8	9
Noise @ 1M (dBA)	36~47	40~50	41~51	42~52
Noise @ 10M (dBA)	17~27	20~30	21~31	22~32
Net/Gross Weight (kg)	52/61	68/78	71/81	80/91
Net Unit Size L/W/H (mm)	980x400x655	1080x430x755	1080x430x755	1080x460x755
Carton Size L/W/H (mm)	1020x490x690	1120x520x790	1120x520x790	1120x550x790

More PowerSmart Advantages

- Unique and contemporary styling
- Twin-rotary compressor delivers lower vibration & quieter operation
- Soft-start compressor prevents power spike and house lights flickering when heat pump engages
- Powder coated aluminium for superior corrosion resistance
- Environmentally friendly R32 refrigerant

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