

## GARDEN PAC INVERTER HEATPUMP SPECS

Model	GHD-150-191	GHD-150-184	GHD-150-185	GHD-150-186	GHD-150-187	GHD-150-188	GHD-150-189	GHD-150-190
Applied pool volume (m <sup>3</sup> )	20~40	25-50	30-60	40-75	50-95	65-120	65-120	90-169
Working air temp (°C)	-7~43							
Performance Condition: Air 26°C/ Water 26°C/ Humidity 80%								
Heating capacity (kW)	9.8	11.3	13.3	17.3	21.2	27.9	27.5	36.2
Heating capacity (kW) in silence mode	7.8	9	10.4	13.8	16.8	21.8	21.7	28.9
C.O.P	6.4~15.0	6.5~15.1	6.4~15.0	6.3~15.2	6.1~15.1	6.3~15.3	6.2~15.2	6.4~15.5
C.O.P in silence mode	7.4~15.0	7.5~15.1	7.4~15.0	7.3~15.2	7.1~15.1	7.3~15.3	7.2~15.2	7.4~15.5
Performance Condition: Air 15°C/ Water 26°C/ Humidity 70%								
Heating capacity (kW)	6.5	7.3	9.4	11.4	14.5	18	18	24
Heating capacity (kW) in silence mode	5.1	5.8	7.4	8.8	11.3	14.6	14.5	19.2
C.O.P	4.4~7.6	4.5~7.7	4.4~7.6	4.3~7.8	4.3~7.7	4.4~7.9	4.3~7.8	4.5~8.0
C.O.P in silence mode	5.1~7.6	5.2~7.7	5.1~7.6	5.2~7.8	4.8~7.7	5.1~7.9	5.0~7.8	5.2~8.0
Rated input power (kW)	1.4~0.2	1.6~0.22	2.1~0.25	2.6~0.33	3.33~0.44	4.0~0.58	4.0~0.58	5.3~0.79
Rated input current (A)	6.4~0.86	7.4~0.95	9.1~1.1	10.9~1.4	14.5~1.9	17.4~2.5	5.8~0.8	8.0~1.1
Power supply	230V/1 Ph/50Hz						400V/3 Ph/50Hz	
Advised water flux (m <sup>3</sup> /h)	3~4	4~6	5~7	6.5~8.5	8~10	10~12	10~12	12~18
Sound pressure 1m dB(A)	39.3~48.0	39.5~48.2	42.8~52.1	44.2~52.9	44.7~53.8	48.6~55.5	48.6~55.5	49.6~55.8
Sound pressure 10m dB(A)	19.3~28.0	19.5~28.2	22.8~32.1	24.2~32.9	24.7~33.8	28.6~35.5	28.6~35.5	29.6~35.8
Water pipe in-out Spec (mm)	50							
Net Dimension LxWxH (mm)	961×312×658	961×312×658	961×312×658	961×392×658	961×392×758	1090×420×960	1090×420×960	1160×530×960
Net Weight (kg)	45	50	52	63	68	90	90	108

\* The advised pool volume indicated apply under following conditions: Swimming pool covered with insulated cover; System running at least 15 hours per day; Heating season from 15th April to the 15th October. If these conditions are not met, pls kindly ask for the professional advice.

\*\*Above data is subject to modification without notice for technical upgrade.



<http://www.scpeurope.com>



**IN EXTREME SILENCE**  
—It's an inverter age



**7 YEARS**  
PARTS WARRANTY  
ON COMPRESSOR



## Garden PAC Inverter HP — The most silent HP ever

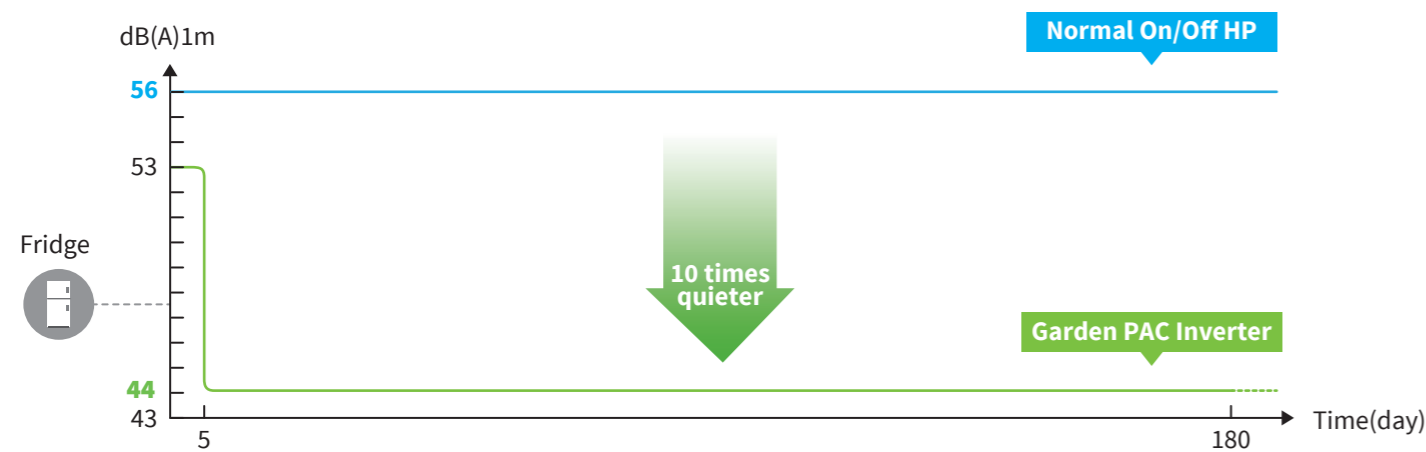
Garden PAC Inverter HP is powered by Full-inverter™ technology, which is 100% unique.

By adjusting the compressor speed hertz by hertz, and the fan speed by revolution. It matched the pool temperature intelligently with continuous & optimal efficiency.

Due to the low-speed-running philosophy, the swimming experience is 10 times quieter for more than 95% of the pool season.



### ➤ 10 times quieter



\*\*In sound level calculation, 1 dB(A) difference means 1 time difference

	Day 1~Day 5	Day 6~Day 180
Average Running Speed	100%	45%
Average Sound Pressure 1m dB(A)	53	44

### ➤ COP 15

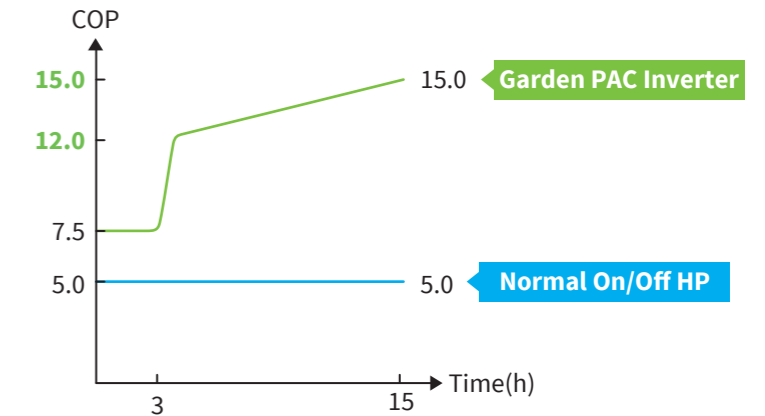
COP means Coefficient of Performance which is simply a ratio of heat output to energy input, both being expressed in kW.

The COP at Air 26°C/ Water 26°C/ Humidity 80%

Model Capacity	GHD-150-0191	GHD-150-0184	GHD-150-0185	GHD-150-0186	GHD-150-0187	GHD-150-0188	GHD-150-0189	GHD-150-0190
25%	15.0	15.1	15.0	15.2	15.1	15.3	15.2	15.5
100%	6.4	6.5	6.4	6.3	6.1	6.3	6.2	6.4

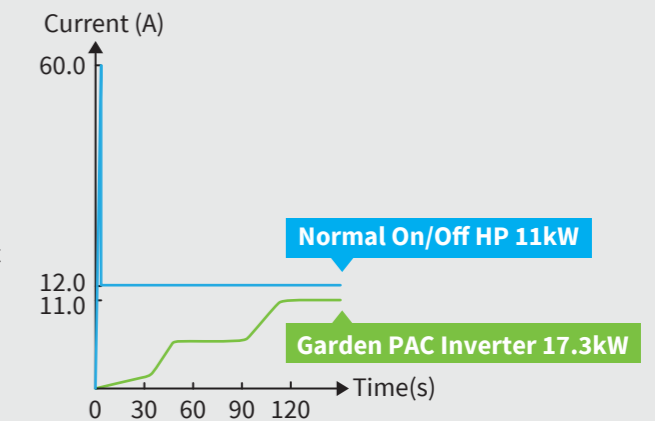
### COP in 15 hours' heating per day

COP 12 to COP 15 when maintaining pool temperature



### ➤ Soft starter

When the HP turns on, the current will start from 0 A and slowly increase to the rated current in 2 minutes. It will not affect the house electricity system. Whereas the start current of a normal On/Off HP is 5 times greater, and therefore can be a burden to the household electricity system.



### Other Features

- Powered by Twin-rotary Mitsubishi DC inverter compressor**
  - Based on "Twin mechanism" innovative solution, two rotors operate together to balance the torque for anti-shaking. It leads to the highest efficiency, extremely low vibration & quiet operation.
- Adopts DC brushless fan motor**
  - Low noise & low power consumption
- Operates at air -7°C below zero**
  - Maximize your pool season



### Think Silence

When you choose a Garden PAC Inverter HP based on heating capacity in silence mode, it will bring you more benefits:

- Enjoy silence the whole season in silence mode
- 15-20% more energy saving
- Quick heating

Model	GHD-150-0191	GHD-150-0184	GHD-150-0185	GHD-150-0186	GHD-150-0187	GHD-150-0188	GHD-150-0189	GHD-150-0190
Heating capacity (kW) in silence mode*	7.8	9.0	10.4	13.8	16.8	21.8	21.7	28.9
Advised Pool volume (m <sup>3</sup> )**	25	30	35	45	60	70	70	100

\* Performance Condition: Air 26°C/ Water 26°C/ Humidity 80%

\*\* The advised pool volume indicated apply under following conditions: Swimming pool covered with insulated cover; System running at least 15 hours per day; Heating season from 15th April to the 15th October. If these conditions are not met, pls kindly ask for the professional advice.