

# GoPool InverGO



The new technology  
for pool heat pumps

GoPool.ca >

**50%**  
more energy savings

The lowest operating cost  
and a higher C.O.P.



**48dB(A)**  
at 1m

Unmatched quietness

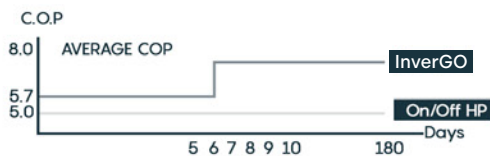
## Why variable speed?

Powered by variable speed technology, the GoPool InverGO Variable Speed heat pump can intelligently adjust its heating capacity from 20% to 100% depending on your needs.



When the season begins and the heating demand is higher, the heat pump, compressor, and fan will operate at 100% to deliver maximum performance. During the season, when you only need to maintain the temperature, the heat pump operates at a slower speed, saving on operating costs while providing better performance and exceptional noise levels.

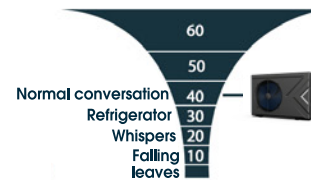
InverGO vs On/off HP



## 7 times quieter

Average sound pressure of 48dB(A) at 1m

Thanks to our ultra-quiet DC inverter compressor, along with the variable speed of the compressor and fan, our heat pump provides an exceptionally quiet level of 48dB(A) at 50% operation. Impress your neighbors, without them even noticing!



## Soft starter



When the heat pump starts, the current begins at 0 amperage and gradually increases to the nominal current over two minutes. In comparison, a standard heat pump on the market starts immediately with 5 times the nominal current required for operation.

## Dual rotary DC variable speed compressor

Based on the innovation of the dual mechanism, the two rotors work together to balance the rotational vibration. This results in increased efficiency and quieter operation.



## Connected technology

Control your pool's temperature from your mobile phone with the integrated Wi-Fi modules.

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The efficiency of a heat pump can vary depending on factors such as weather conditions, installation, and the average temperature desired for the pool. It is recommended to consult a pool expert to choose the product best suited to your needs.

| GoPool InverGO                                              | GP500                 | GP650X         | GP900          | GP1100         | GP1400         |
|-------------------------------------------------------------|-----------------------|----------------|----------------|----------------|----------------|
| Pool capacity (gallons)                                     | ≤ 14 000              | ≤ 18 000       | ≤ 28 000       | ≤ 32 000       | ≤ 42 000       |
| Pool capacity (Liters)                                      | ≤ 52 000              | ≤ 68 000       | ≤ 105 000      | ≤ 120 000      | ≤ 155 000      |
| Operating temperature                                       | 32 - 109              |                |                |                |                |
| Performance conditions Air 80°F / Water 80°F / Humidity 80% |                       |                |                |                |                |
| Heating capacity (Btu)                                      | 50,000                | 65,000         | 90,000         | 110,000        | 140,000        |
| Heating capacity (Btu) quiet mode                           | 40,000                | 52,000         | 72,000         | 88,000         | 112,000        |
| C.O.P                                                       | 10.6-5.98             | 11.2-5.61      | 13.6-6.0       | 13.5-5.8       | 13.1-5.8       |
| Performance conditions Air 80°F / Water 80°F / Humidity 63% |                       |                |                |                |                |
| Heating capacity (Btu)                                      | 47,500                | 61,000         | 85,000         | 104,000        | 132,000        |
| C.O.P                                                       | 9.7-5.5               | 9.9-5.35       | 12.3-5.7       | 12.2-5.6       | 11.0-5.7       |
| Performance conditions Air 50°F / Water 80°F / Humidity 63% |                       |                |                |                |                |
| Heating capacity (Btu)                                      | 28,900                | 37,000         | 54,000         | 67,000         | 85,000         |
| C.O.P                                                       | 5.1-4.15              | 5.2-4.3        | 5.5-4.3        | 5.2-4.2        | 5.2-4.1        |
| Technical                                                   |                       |                |                |                |                |
| Input capacity (kW) at 80°F air                             | 0.46-2.53             | 0.53-3.39      | 0.54-4.39      | 0.61-5.9       | 0.85-6.85      |
| Input capacity (A) at 80°F air                              | 2.00-11.0             | 2.30-14.8      | 2.34-19.1      | 2.65-25.6      | 3.69-29.8      |
| Circuit breaker (A)                                         | 20                    | 30             | 30             | 40             | 50             |
| Current                                                     | 208-230V / 1pH / 60Hz |                |                |                |                |
| Required water flow (L/min)                                 | 83-116                | 108-142        | 125-158        | 133-167        | 133-254        |
| Sound level at 2m dB(A)                                     | 48                    |                |                |                |                |
| Heat exchanger                                              | Titanium in PVC       |                |                |                |                |
| Coating                                                     | ABS casing            |                | ABS + Metal    |                |                |
| Air discharge                                               | Horizontal            |                | Vertical       |                |                |
| Water inlet and outlet                                      | 1 1/2"                |                | 2"             |                |                |
| Dimension                                                   | 37.8x13.4x25.9        | 37.8x16.5x25.9 | 43.0x16.5x37.7 | 37.2x27.3x38.5 | 37.7x32.0x42.0 |
| Net weight (lbs)                                            | 114                   | 134            | 229            | 251            | 317            |
| Warranty on labor                                           | 3 years               |                |                |                |                |
| Warranty on parts                                           | 5 years               |                |                |                |                |
| Warranty on the heat exchanger                              | 10 years              |                |                |                |                |