

# 4 SEASONS SWIMMING

## MR. PERFECT

**AQUARK**  
Pad Inverter Creator



**INVERPAD**  
TURBO

# INVERPAD®

## TURBO

InverPad Turbo is an innovative and unique patent owned by Aquark. For the first time in pool industry, it utilizes the most advanced silent technology in Turbofan, which is combined with aerodynamic optimization and the best noise cancelling technologies to set a new milestone in noise level. You can hardly hear any mechanical noise.

Furthermore, InverPad Turbo was developed to run in the harshest conditions. Thanks to TurboFan's new airflow system, it increases the heat exchange area and maximizes heat output to guarantee an excellent performance under cold weather. Enjoy swimming all year long throughout the four seasons!



# PERFECT SILENCE



38.4dB(A)<sup>AVERAGE</sup>



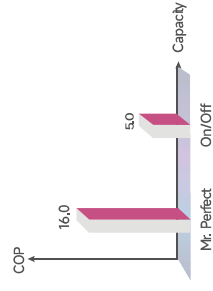
20 TIMES MORE SILENT  
THAN ON/OFF HEAT PUMP



# PERFECT PERFORMANCE

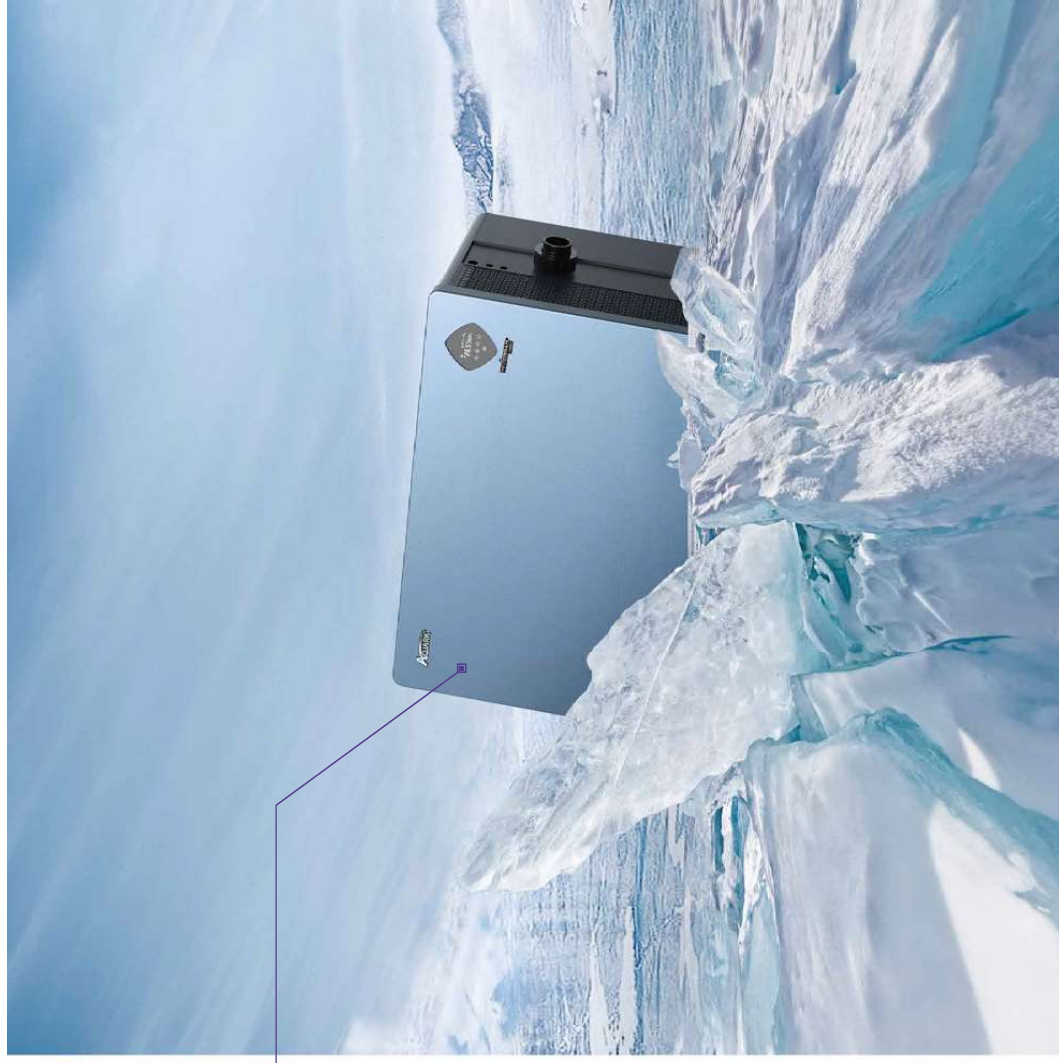
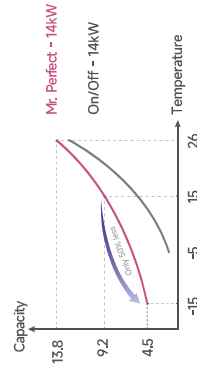
COP UP TO 16.0

69% MORE ENERGY SAVING THAN ON/OFF



AIR OPERATION  $-15^{\circ}\text{C}$

50% HEATING OUTPUT UNDER HARSH CONDITIONS



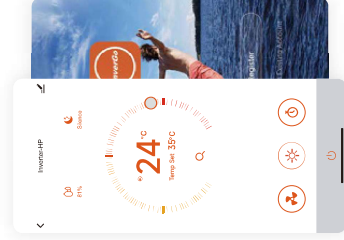
## TRENDY APPEARANCE

Mr. Perfect incorporates round corners to the classic Pad design, enhancing simplicity and uniqueness to the next level.



### Advanced Controller

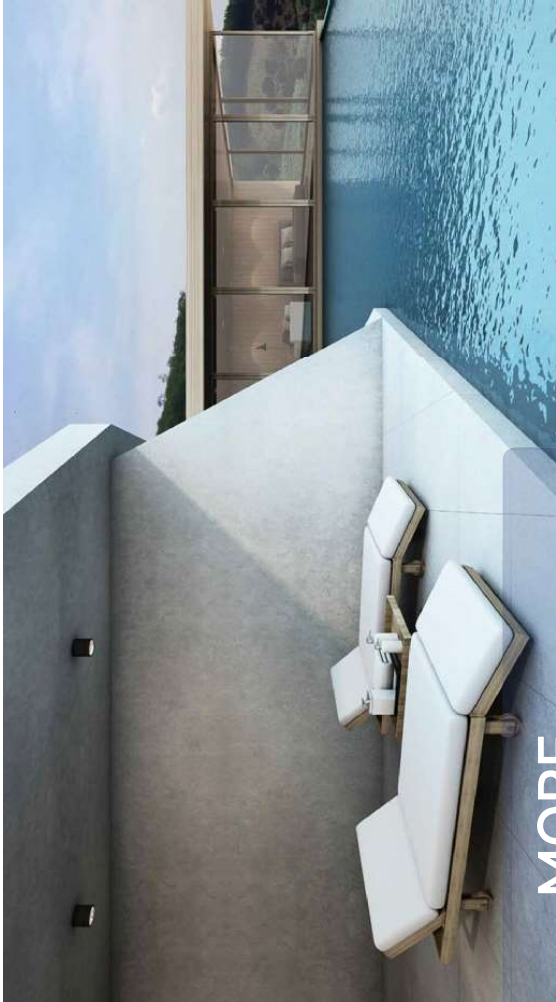
The improved controller provides simple operation with advanced data monitoring. It also combines full panel tempered glass and responsive back lighting for a highly sophisticated appearance.



### Built-in Wi-Fi

With built-in Wi-Fi and the smart app InverGo, you can get all the features in the controller of your heat pump, plus much more.





MORE  
ADVANTAGES



Twisted titanium heat exchanger  
40% higher efficiency



Twin-rotary DC  
compressor



EEV Technology:  
Increase COP by 20%



Full electrical system protection:  
180V-240V and soft start



SPA option  
Heat up to 40°C



Quick and efficient  
Reverse cycle defrosting

PARAMETERS OF MR. PERFECT

| Technology                     | MP070                                | MP090       | MP110       | MP140       | MP170       | MP190       | MP220       | MP270S       | MP320        | MP320S        | MP420S        |               |
|--------------------------------|--------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|---------------|---------------|---------------|
| Operating air temperature (°C) | -15°C-43°C                           |             |             |             |             |             |             |              |              |               |               |               |
| Advised pool volume (m3) *     | 10-25                                | 15-30       | 20-45       | 30-55       | 35-65       | 40-75       | 40-80       | 50-95        | 60-120       | 60-120        | 85-140        |               |
|                                | JiveePac® Turbo (Patented)           |             |             |             |             |             |             |              |              |               |               |               |
|                                | Air 27°C / Water 27°C / Humidity 80% |             |             |             |             |             |             |              |              |               |               |               |
|                                | Heating capacity (kW)                | 7           | 9           | 11.5        | 14.0        | 17.0        | 18.5        | 22.5         | 26.5         | 31.5          | 31.5          | 42.5          |
|                                | Heating capacity (kW)                | 5.53        | 7.2         | 9.3         | 10.9        | 13.4        | 15.4        | 18.0         | 20.6         | 24.8          | 24.8          | 34.5          |
|                                | COP range                            | 15.2-7.3    | 15.1-7.2    | 15.0-7.3    | 15.0-7.4    | 15.0-7.1    | 15.0-7.1    | 15.5-7.4     | 15.2-7.3     | 14.0-7.2      | 15.8-7.2      | 14.0-7.0      |
|                                | Air 19°C / Water 26°C / Humidity 70% |             |             |             |             |             |             |              |              |               |               |               |
|                                | Heating capacity (kW)                | 5.1         | 6.5         | 7.7         | 9.3         | 11.5        | 12.5        | 15.0         | 18.0         | 21.8          | 22.1          | 29.0          |
|                                | Heating capacity (kW)                | 4           | 5.1         | 6.3         | 7.6         | 9.2         | 10.6        | 12.6         | 14.4         | 16.6          | 18.0          | 23.9          |
|                                | Heating capacity (kW)                | 7.4-13.1    | 7.5-13.0    | 7.5-13.0    | 7.6-13.1    | 7.8-13.0    | 7.9-13.1    | 8.2-13.1     | 7.9-13.1     | 8.0-13.2      | 8.0-13.2      | 8.3-13.1      |
|                                | COP range                            | 7.4-13.1    | 7.5-13.0    | 7.5-13.0    | 7.6-13.1    | 7.8-13.0    | 7.9-13.1    | 8.2-13.1     | 7.9-13.1     | 8.0-13.2      | 8.0-13.2      | 8.3-13.1      |
|                                | Average COP at 50% Speed             |             |             |             |             |             |             |              |              |               |               |               |
|                                |                                      | 6.7         | 6.6         | 6.7         | 6.5         | 6.5         | 6.8         | 7.0          | 6.8          | 6.9           | 7.0           | 7.0           |
|                                | Twin-Rotary DC Compressor            |             |             |             |             |             |             |              |              |               |               |               |
|                                | Turbidan                             |             |             |             |             |             |             |              |              |               |               |               |
|                                | Aluminium Alloy                      |             |             |             |             |             |             |              |              |               |               |               |
|                                | 230V 1Ph                             |             |             |             |             |             |             |              |              |               |               |               |
|                                | Sound level at 1m dB(A)              | 36.1-44.0   | 36.1-44.2   | 36.3-44.5   | 36.5-45.9   | 39.3-46.7   | 39.7-48.5   | 39.5-49.8    | 39.8-50.2    | 40.3-50.8     | 40.5-50.9     | 40.6-51.3     |
|                                | Sound level by 50% speed 1m dB(A)    | 38.1        | 38.2        | 38.4        | 40.3        | 42.2        | 42.5        | 43.0         | 43.1         | 43.4          | 43.1          | 45.7          |
|                                | Sound level at 10m dB(A)             | 16.1-24.0   | 16.1-24.2   | 16.3-24.5   | 16.5-26.9   | 19.3-26.7   | 19.7-28.5   | 19.5-29.8    | 19.8-30.2    | 20.3-30.8     | 20.5-30.9     | 20.6-31.3     |
|                                | Rated input power (kW)               | 0.16-1.19   | 0.21-1.55   | 0.31-1.29   | 0.39-2.16   | 0.55-2.67   | 0.61-2.88   | 0.65-3.33    | 0.54-4.00    | 0.69-4.56     | 0.69-4.42     | 0.78-5.80     |
|                                | Input power at 50% Speed (kW)        | 0.20        | 0.39        | 0.47        | 0.59        | 0.71        | 0.78        | 0.90         | 1.06         | 1.20          | 1.29          | 1.71          |
|                                | Rated input current (A)              | 0.70-5.17   | 0.91-6.74   | 1.04-7.28   | 1.26-9.39   | 1.57-11.63  | 1.74-12.96  | 1.96-14.48   | 2.35-17.39   | 0.78-5.80     | 2.55-18.96    | 0.86-6.41     |
|                                | Advised water flux (m³/h)            | 2-4         | 2-4         | 2-4         | 3-4         | 4-6         | 5-7         | 6-9          | 8-10         | 10-12         | 10-12         | 12-18         |
|                                | Water connection (mm)                | 50          |             |             |             |             |             |              |              |               |               |               |
|                                | Net dimensions LxWxH (mm)            | 750-504-656 | 750-504-656 | 750-504-656 | 840-504-656 | 840-504-656 | 840-504-656 | 1135-504-756 | 1135-504-756 | 1029-512-1107 | 1029-512-1107 | 1139-512-1106 |
|                                | Net weight (kg)                      | 78/62       | 78/62       | 78/62       | 78/62       | 77/50       | 77/50       | 40/26        | 34/108       | 18/80         | 18/80         | 16/72         |
|                                | Qty per 20FT / 40HQ (sets)           | 78/62       | 78/62       | 78/62       | 78/62       | 77/50       | 77/50       | 40/26        | 34/108       | 18/80         | 18/80         | 16/72         |

Remarks: The data above is only for reference. For specific data, please refer to the nameplate on the unit.  
Advised pool volume applied to a private pool with isothermal cover from April to September.



# GO DOUBLE 4 SEASONS

Go Double maximizes user's swimming experience and investment by choosing a double capacity inverter heat pump.

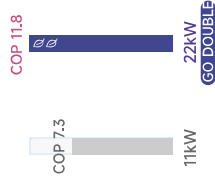
## Extreme silence

Over 1.4 times more silent



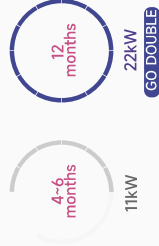
## Extreme saving

More than 38% saving.



## Double season

Extend your pool season by two and enjoy swimming for most of the year.



## Double value

A 22kW heat pump doubles your pool season. Therefore, it doubles your pool investment return.



## Sizing Reference

