



## Parameters of InverBoy

| Model                                                          | IBC07                           | IBC09       | IBC11       | IBC14       | IBC18       |
|----------------------------------------------------------------|---------------------------------|-------------|-------------|-------------|-------------|
| <b>PERFORMANCE CONDITION: Air 27°C/ Water 27°C/ Humid. 80%</b> |                                 |             |             |             |             |
| Heating capacity (kW)                                          | 7.5                             | 9.5         | 11.0        | 14.0        | 18          |
| COP Range                                                      | 10.2~5.8                        | 10.6~5.7    | 10.8~5.8    | 11~6        | 10.8~5.7    |
| Average COP at 50% Speed                                       | 8.9                             | 8.8         | 9.0         | 9.0         | 8.9         |
| <b>PERFORMANCE CONDITION: Air 15°C/ Water 26°C/ Humid. 70%</b> |                                 |             |             |             |             |
| Heating capacity (kW)                                          | 5.3                             | 6.6         | 7.8         | 9.8         | 12.4        |
| COP Range                                                      | 6.3~4.1                         | 6.2~4.1     | 6.2~4.2     | 6.6~4.3     | 6.4~4.2     |
| Average COP at 50% Speed                                       | 5.9                             | 6.0         | 6.0         | 6.0         | 5.9         |
| <b>PERFORMANCE CONDITION: Air 35°C/ Water 28°C/ Humid. 80%</b> |                                 |             |             |             |             |
| Cooling capacity (kW)                                          | 2.8                             | 3.4         | 4.3         | 5.4         | 6.6         |
| <b>TECHNICAL SPECIFICATIONS</b>                                |                                 |             |             |             |             |
| Advised pool volume (m3) *                                     | 15~30                           | 20~45       | 30~55       | 35~70       | 40~80       |
| Operating air temperature (°C)                                 | 0°C~43°C                        |             |             |             |             |
| Inverter Technology                                            | DC Inverter                     |             |             |             |             |
| Heat exchanger                                                 | Twisted Titanium Heat Exchanger |             |             |             |             |
| Power supply                                                   | 230V~/1Ph/50Hz                  |             |             |             |             |
| Rated input power (kW)                                         | 0.36~1.28                       | 0.45~1.60   | 0.52~1.86   | 0.64~2.28   | 0.83~2.96   |
| Input power at 50% Speed (kW)                                  | 0.44                            | 0.55        | 0.65        | 0.82        | 1.05        |
| Rated input current (A)                                        | 1.57~5.57                       | 1.96~6.96   | 2.26~8.09   | 2.78~9.91   | 3.61~12.87  |
| Sound level at 1m dB(A)                                        | 39.8~51.3                       | 41.8~53.8   | 42.9~53.5   | 44.2~55.0   | 46.3~58.2   |
| Sound level by 50% speed 1m dB(A)                              | 44                              | 47          | 48.5        | 48.7        | 49.2        |
| Sound level at 10m dB(A)                                       | 19.8~31.3                       | 21.8~33.8   | 22.9~33.5   | 24.2~35.0   | 26.3~38.2   |
| Advised water flux (m³/h)                                      | 2~4                             | 2~4         | 3~5         | 4~6         | 6~8         |
| Water connection (mm)                                          | 50                              |             |             |             |             |
| Net dimension LxWxH (mm)                                       | 903*347*654                     | 903*347*654 | 903*347*654 | 903*347*654 | 991*347*654 |
| Net Weight (kg)                                                | 42                              | 46          | 47          | 49          | 60          |
| Qty per 20'FT / 40'HQ (sets)                                   | 102/216                         | 102/216     | 102/216     | 102/216     | 90/198      |

Remarks: \* The data above is only for reference. For specific data, please refer to the nameplate on the unit.

\* Advised pool volume applies to a private pool with isothermal cover, from April to September.

|                                |             |             |             |             |              |
|--------------------------------|-------------|-------------|-------------|-------------|--------------|
| Maximum input current (A)      | 8.0         | 10.0        | 12.0        | 15.0        | 18.0         |
| breaker rated current (A)      | 10.0        | 12.0        | 15.0        | 20.0        | 20.0         |
| Power cord (mm²)               | 3×1.5       | 3×2.5       | 3×2.5       | 3×2.5       | 3×4          |
| R32 Gas Weight (g)             | 400         | 550         | 600         | 900         | 1000         |
| CO2 Equivalent(Tonnes)         | 0.270       | 0.371       | 0.405       | 0.608       | 0.675        |
| Gross Weight (kg)              | 47          | 52          | 53          | 55          | 67           |
| Packaging dimension LxWxH (mm) | 950*375*685 | 950*375*685 | 950*375*685 | 950*375*685 | 1040*365*685 |