

I-KOMFORT RC

FULL INVERTER TECHNOLOGY



As defined by EN 17645.
Go to report pages to see the complete detail by item.

PRO LINE

3 YEARS OF WARRANTY



Compressor, 5 years of warranty



Titanium, 15 years of warranty



Full Inverter



Reversible



For inground pool



Frontal



Works up to -7°C



Wi-Fi module optional



Digital display



R32



Silent



Automatic defrosting

IN-Tech is the combination of a high-performance CPS Mitsubishi Inverter compressor, and a DC technology Inverter fan. This combination allows precise regulation and adjustment of power levels as weather conditions and the energy requirements of the pool change. The power adjustment is continuous and is not restricted to 2 or 3 power levels such as the step converter.

A rapid rise in temperature is obtained, along with precise and economical stability of the temperature throughout the season.



- ➔ Robust and quiet performance
- ➔ Reversible (Heating/Cooling/Auto)
- ➔ Defrosting by reverse cycle
- ➔ Heating priority function
- ➔ For use at temperatures as low as -7°C
- ➔ Winter cover included
- ➔ Anti-vibration pads (4) and drain connector (1) included
- ➔ Wi-Fi module as an option: manage your heat pump i-Komfort RC from your mobile phone

Wi-Fi Module (optional)
HW26100050



Tutorial

THE BENEFITS

- The module was given a name, Smart Box, and an attractive visual to make it easy to identify and promote.
- Simplicity to pair up regardless of operating system (IOS or Android).
- Improved connection performance.
- Ease of remote control of the heat pump via your Smartphone.
- Possible diagnosis of your heat pump by the after-sales service, as it can take control via the Wi-Fi module.
- More additional functions available soon!



Wall mount kit
20 m (optional)
HWX29400053



LED Touch screen

IN-TECH FULL INVERTER TECHNOLOGY

IN-Tech is the combination of a high-performance CPS Mitsubishi Inverter compressor, and a DC technology Inverter fan. A rapid rise in temperature is obtained, along with precise and economical stability of the temperature throughout the season, with up to **30%** energy savings in comparison to a on / off heat pump.



| Description | Unit | i-Komfort RC 700A | i-Komfort RC 900A | i-Komfort RC 1200A | i-Komfort RC 1700A |
|--|---------------------|-----------------------------|--------------------|---------------------|---------------------|
| Power supply | - | 220V-240V \surd /1ph/50Hz | | | |
| Refrigerant fluid | - | R32 | | | |
| Global warming potential | GWP | 675 | | | |
| Mass of refrigerant | kg | 0.35 | 0.43 | 0.48 | 0.60 |
| Carbon dioxide equivalence ⁽¹⁾ | tCO ₂ eq | 0.24 | 0.29 | 0.32 | 0.41 |
| Heating power range Air 27°C - Hr ⁽²⁾ 78% - Water 26°C | kW | 1.62-- 7.33 | 2.18-- 8.97 | 1.97-- 11.66 | 3.81-- 17.45 |
| Electrical power input | kW | 0.15--1.17 | 0.17--1.54 | 0.16--1.99 | 0.30--3.07 |
| Input current | A | 1.15--5.32 | 1.27--6.91 | 1.08--8.96 | 1.45--13.48 |
| Coefficient of performance | COP | 11.04--6.30 | 12.77--5.81 | 12.57--5.84 | 12.49--5.69 |
| Heating power range Air 15°C - Hr ⁽²⁾ 71% - Water 26°C | kW | 1.44--5.36 | 1.58--6.94 | 1.79--8.62 | 2.98--13.63 |
| Electrical power input | kW | 0.24--1.14 | 0.27--1.53 | 0.29--1.90 | 0.44--2.90 |
| Input current | A | 1.67--5.32 | 1.58--6.86 | 2.50--8.62 | 2.03--12.76 |
| Coefficient of performance | COP | 5.98--4.69 | 5.82--4.53 | 6.17--4.52 | 6.75--4.69 |
| Nominal water flow | m ³ /h | 3.1 | 3.8 | 4.9 | 7.5 |
| Hydraulic head loss | kPa | 2.3 | 2.9 | 6.4 | 7.2 |
| Hydraulic connection supplied | mm | 50 | | | |
| Sound pressure level @1 m (min. - max.) | dB(A) | 38-46 | 37-45 | 34-49 | 43-46 |
| Sound pressure level @10 m (min. - max.) | dB(A) | 20-29 | 19-28 | 16-31 | 26-29 |
| Circuit breaker | type | D | | | |
| Circuit breaker | A | 8 | 10 | 16 | 20 |
| Cable size (for 25 m) | type | 3G2.5 | | | |
| Number of fan(s) | - | 1 | | | |
| Fan speed range | rpm | 500--700 | 500--650 | 600--750 | 600--900 |
| Fan speed (Silent mode) | rpm | 300 | 400 | 500 | 500 |
| Type of compressor | brand | Mitsubishi | | | |
| Reversible heat pump | - | Yes | | | |
| Defrost mode | - | By reverse cycle | | | |
| Silent mode | - | Yes | | | |
| Winter cover (included) | - | HWX84100258 | | HWX84100259 | |
| Heating priority function | - | Yes | | | |
| Anti-vibration pads | - | Included | | | |
| User interface | - | LED One touch 3.5" | | | |
| L x W x H ⁽³⁾ | mm | 1040 x 425 x 615 | | | 1130 x 460 x 780 |
| Weight | kg | 42 | 45 | 46 | 60 |
| Recommended pool volume ⁽⁴⁾ | m ³ | ≤ 29 | ≤ 36 | ≤ 47 | ≤ 70 |
| Barcode | EAN13 | 3660149614086 | 3660149614154 | 3660149614161 | 3660149614178 |







(1) Carbon dioxide equivalence [expressed per tonne of CO₂ equivalent] is a quantity that describes, for a given mixture and amount of greenhouse gas, the amount of CO₂ that would have the same global warming potential (GWP), when measured over a specified timescale (generally, 100 years).

(2) Humidity.

(3) Net dimensions of the entire unit.

(4) For pools equipped with a heat retention cover during use from May to September.

ACCESSORIES

| Description | Ref. |
|--|----------------|
|  Wi-Fi module: conversion Kit for Inverter heat pumps >2021 | HWX29400225 |
|  Wi-Fi module for Komfort and Komfort RC heat pump | HW26100051 |
|  Inverter screen extension cable 10m | HWX20000340232 |
|  Inverter screen extension cable 20m | HWX20000340264 |
|  Plug for condensate drain pan | HWX20000220374 |
|  Complete water coupling 1.5" | HWX20000130097 |