











# I-KOMFORT RC

## FULL INVERTER TECHNOLOGY

-  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!



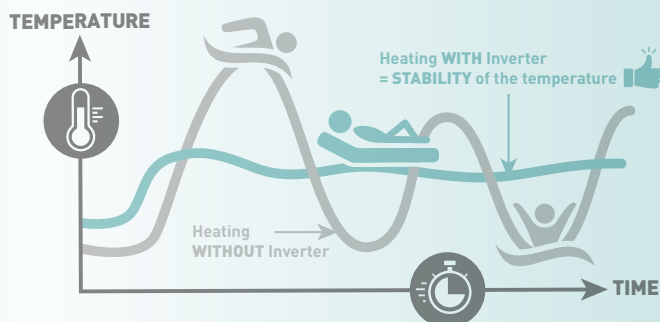
Wall mount kit  
20 m (optional)  
HWX29400053



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 <sup>(1)</sup>	tCO <sub>2</sub> eq	0.24	0.29	0.32	0.41
Heating power range Air 27°C - Hr <sup>(2)</sup> 78% - Water 26°C	kW	1.62-- <b>7.33</b>	2.18-- <b>8.97</b>	1.97-- <b>11.66</b>	3.81-- <b>17.45</b>
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 <sup>(2)</sup> 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 <sup>3</sup> /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 <sup>(3)</sup>	mm	1040 x 425 x 615			1130 x 460 x 780
Weight	kg	42	45	46	60
Recommended pool volume <sup>(4)</sup>	m <sup>3</sup>	≤ 29	≤ 36	≤ 47	≤ 70
Barcode	EAN13	3660149614086	3660149614154	3660149614161	3660149614178

(1) Carbon dioxide equivalence (expressed per tonne of CO<sub>2</sub> equivalent) is a quantity that describes, for a given mixture and amount of greenhouse gas, the amount of CO<sub>2</sub> 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
Extension cable for Inverter remote display: 10m	HWX20000340232
Extension cable for Inverter remote display: 20m	HWX20000340264
Plug for condensate drain pan	HWX20000220374
Complete water coupling 1.5"	HWX20000130097