

# I-KOMFORT RC

PRO  
LINE

YEARS OF  
WARRANTY | 2



## HEAT PUMP FULL INVERTER

IN-Tech is the combination of a high-performance CPS Mitsubishi or Highly 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 supplied
- » Anti-vibration pads (4) and drain connector (1) included
- » Wifi module as an option : manage your heat pump i-Komfort RC from your mobile phone



A connected product, thanks to the Smart Temp® Wifi module (Optional)



Smart Temp®  
Inverter



LED Touch  
screen



New fluid  
Higher  
performance

### R32 : new fluid, higher performance

Introducing a new refrigerant fluid: **R32**.  
Compared to R410A, it:

- **Reduces** greenhouse gas emissions by **60%**
- Allows **reduction** by 10% of the quantity of gas per kW
- Can be **recycled** easily and is user-friendly
- **Has zero impact** on the ozone layer

## IN-TECH FULL INVERTER TECHNOLOGY

**IN-Tech** is the combination of a high-performance **CPS Mitsubishi or Highly 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.

Reference	Unit	i-Komfort RC 700	i-Komfort RC 900	i-Komfort RC 1200	i-Komfort RC 1700
Power supply	-	220V-240V ~ /1ph/50Hz			
Refrigerant fluid	-	R32			
Global warming potential	-	675			
Mass of refrigerant	kg	0.35	0.43	0.48	0.65
Mass in TeqCO <sub>2</sub>	-	0.236	0.29	0.324	0.44
Range of heating power <sup>(1)</sup> Air 27°C - HR 78% - Water 26°C	kW	1.62--7.33	2.18--8.97	1.97--11.66	2.85--17.06
Electrical power input <sup>(1)</sup>	kW	0.15--1.17	0.17--1.54	0.16--1.99	0.26--3.13
Input current <sup>(1)</sup>	A	1.15--5.32	1.27--6.91	1.08--8.96	1.41--13.69
COP <sup>(1)</sup>	-	11.04--6.30	12.77--5.81	12.57--5.84	11.08--5.45
Average heating power <sup>(1)</sup> Air 27°C - Hr 78% - Water 26°C	kW	5.5	6.02	6.34	9.95
COP <sup>(1)</sup>	-	8.02	8.61	8.79	8
Heating power range <sup>(2)</sup> Air 15°C - Hr 71% - Water 26°C	kW	1.44--5.36	1.58--6.94	1.79--8.62	2.74--13.08
Electrical power input <sup>(2)</sup>	kW	0.24--1.14	0.27--1.53	0.290--1.90	0.428--2.97
COP <sup>(2)</sup>	-	5.98--4.69	5.82--4.53	6.17--4.52	6.40--4.40
Average heating power <sup>(2)</sup> Air 15°C - Hr 71% - Water 26°C	kW	3.72	4.62	4.9	7.4
COP <sup>(2)</sup>	-	5.23	5.51	6.01	5.87
Nominal flow rate	m <sup>3</sup> /h	3.1	3.8	4.9	7.3
Hydraulic connection supplied	mm	50	50	50	50
Hydraulic lead loss	kPa	2.3	2.9	6.4	6.7
Sound pressure level @ 1 m	dB(A)	50	50	55	55
Sound pressure level @ 10 m	dB(A)	30	30	35	35
Type of fan	-	DC inverter / 1			
Number of fans	-	1			
Speed fan	rpm	500--700	500--650	600--750	600--900
Silent Mode Fan Speed	rpm	300	400	500	500
Type of compressor	-	DC Inverter Mitsubishi		DC Inverter Highly	
Reversible heat pump	-	Yes			
Defrost mode	-	Reverse cycle			
Silent mode	-	Yes			
Winter cover	-	Supplied			
Heating priority function	-	Yes			
Anti-vibration pads	-	Supplied			
User control box	-	LED One touch 3.5"			
Net dimensions of entire unit	mm	1040 x 425 x 615			1130x460x780
Weight	kg	42	45	46	60
Recommended pool volume*	m <sup>3</sup>	25	35	50	70
Remote control	-	Optional			

\* Suitable for private pools equipped with a thermal cover from May to September and for a minimum ambient temperature of 15°C.