

NEXT GENERATION R32 AIR TO WATER INVERTER HEAT PUMPS

FOR HYDRONIC HEATING & COOLING SYSTEMS

Energy saving heat pump technology combined with refrigerant R-32 makes the Intabloc Series 2 Heat Pump range the most environmentally friendly hydronic heating and cooling system.

The low temperature hydronic units come packaged with built in system control components and allow for programmable settings, timers and WiFi remote system control.

Intaflo has also designed a range of compact and maintenance free installation packages to suit your projects.



WiFi mobile app control is convenient and intuitive, leading the way in heating and cooling systems.

Remotely check the control center, edit temperature settings, activate your hydronic floor heating and monitor DHW tank temperatures.

MOBILE APP CONTROL



SERIES 2

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Technical Data			
Model Number	Intabloc 09DCS-2	Intabloc 12DCS-2	Intabloc 18DCS-2
Product Number	HH3000	HH3005	HH3010
Energy Efficiency Rating [ErP]	A+++	A+++	A+++
Heating Capacity Range	2 - 10kW	4 - 13kW	6 - 19kW
Heating Capacity @ A6/W35 [Standard EN14511]	9.14 kW	12.2 kW	18.5 kW
Power Input @ A6/W35 [Standard EN14511]	2.04 kW	2.73 kW	4.0 kW
COP @ A6/W35 [Standard EN14511]	4.49	4.47 COP	4.63 COP
Heating Capacity @ A6/W45 [Floor Heat]	8.8 kW	12.17 kW	18.21 kW
Power Input @ A6/W45 [Floor Heat]	2.55 kW	3.54 kW	5.09 kW
COP @ A6/W45 [Floor Heat]	3.45	3.44 COP	3.57 COP
Cooling Capacity @ A35/W7 [Fan Coil]	6.17 kW	8.2 kW	13.22 kW
Cooling Power Input @ A35/W7 [Fan Coil]	2.03 kW	2.89 kW	4.79 kW
E E R @ A35/W7 [Fan Coil]	3.04	2.84 EER	2.76 EER
Max. Power Input	3.1 kW	3.55 kW	5.5 kW
Max. Current	14 Amps	18 Amps	27 Amps
Electric Power Supply	230V 50HZ 1ph	230V 50HZ 1ph	230V 50HZ 1ph
Max. Water Outlet Temperature	60 °C	60 °C	60 °C
Operational Ambient Temp. Range [Heat]	-15°C ~ 43°C	-15°C ~ 43°C	-15°C ~ 43°C
Operational Ambient Temp. Range [Cool]	10°C ~ 43°C	10°C ~ 43°C	10°C ~ 43°C
Refrigerant	R32	R32	R32
Compressor	Mitsubishi/Rotary	Mitsubishi/Rotary	Mitsubishi/Rotary
Water Connections	DN25(1")	DN25(1")	DN25(1")
Noise Pressure	46 dB[A]	49 dB[A]	52 dB[A]
Air Flow	4000 m3/h	4500 m3/h	7600 m3/h
Built-in Expansion Tank	5L	5L	5L
Unit Dimensions LxWxH	1115 x 425 x 885	1115 x 425 x 970	1115 x 425 x 1310
Shipping Dimensions LxWxH [mm]	1155 x 500 x 1035	1155 x 500 x 1120	1155 x 500 x 1460
Net Weight	85 kg	125 kg	175 kg
Gross Weight	105 kg	145 kg	195 kg
Installed	External	External	External
Warranty	5 years	5 years	5 years

FEATURES

- COP of 4
- R32 refrigerant
- 60% reduced Global Warming Potential
- Inverter modulating technology
- Remote app WiFi control
- Dual mode Heat/Cool/DHW
- Compatible with DHW storage tank
- A+++ energy rating
- Quiet night mode

INCLUDES

- Touch screen remote control
- 5L expansion tank
- Pressure relief valve
- Internal pump
- Condensate drip tray
- Rubber mount feet
- 5 year warranty

OPTIONAL ADDITIONS

- Weather proof control enclosure
- Y strainer kits
- Connect ball valve kits
- Buffer tank range 100-300L
- Heat exchange DHW tank 400L
- Low loss header range
- Motorised zone valves
- Expansion tanks
- Standard and variable pumps range
- Room thermostat control