

NEXT GENERATION R32

AIR TO WATER

INVERTER HEAT PUMPS

FOR HYDRONIC HEATING & COOLING SYSTEMS

MODEL : 18DCS3-1

Energy saving heat pump technology combined with refrigerant R-32 makes the **Intabloc Series 3** 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.



Wi-Fi 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 3

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

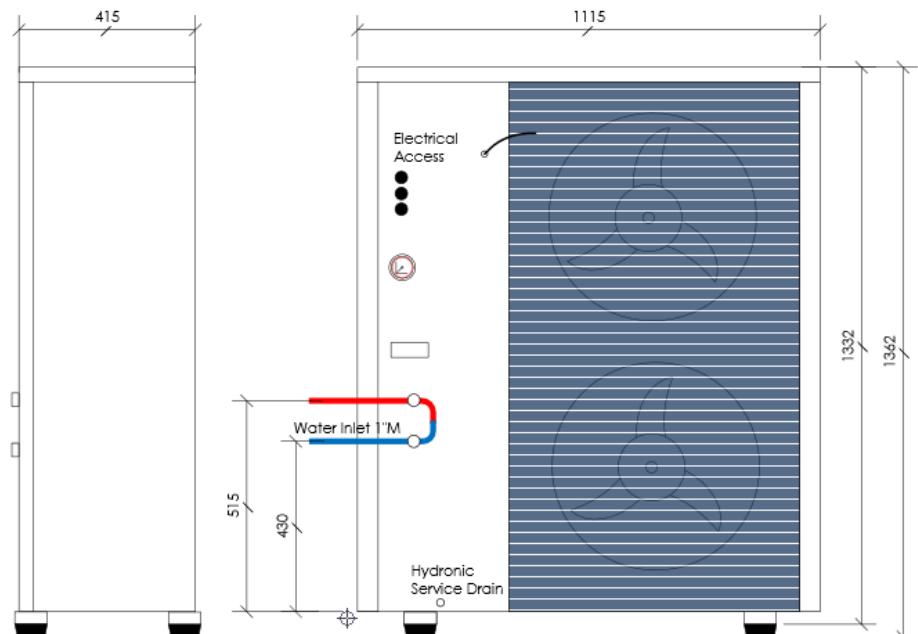
INCLUDES;

- 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

Technical Data	
Model Number	Intaflo 18DCS3-1
Product Number	HH3310
Energy Efficiency Rating [ErP]	A+++
Heating Capacity Range	6 - 19kW
Heating Capacity @ A6/W35 [Standard EN14511]	18.5 kW
Power Input @ A6/W35 [Standard EN14511]	4.0 kW
COP @ A6/W35 [Standard EN14511]	4.63 COP
Heating Capacity @ A6/W45 [Floor Heat]	18.21 kW
Power Input @ A6/W45 [Floor Heat]	5.09 kW
COP @ A6/W45 [Floor Heat]	3.57 COP
Cooling Capacity @ A35/W7 [Fan Coil]	13.22 kW
Cooling Power Input @ A35/W7 [Fan Coil]	4.79 kW
EER @ A35/W7 [Fan Coil]	2.76 EER
Max. Power Input	6.21 kW
Max. Current	27 Amps
Electric Power Supply	230V 50HZ 1ph
Max. Water Outlet Temperature	60 °C
Operational Ambient Temp. Range [Heat]	-15°C ~ 45°C
Operational Ambient Temp. Range [Cool]	10°C ~ 45°C
Refrigerant	R32
Compressor	Mitsubishi/Rotary
Water Connections	DN25(1")
Sound Pressure @ 1mt	54 dB[A]
Air Flow	7600 m3/h
Built-in Expansion Tank	5L
Unit Dimensions LxDxH	1115 x 415 x 1332
Shipping Dimensions LxDxH [mm]	1155 x 500 x 1460
Weight [Net]	175 kg
Weight [Gross]	195 kg
Installed	External
Warranty	5 years



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