Heat IQ
We know heating

IQ Heat Pumps Quick start guide

*** Please also refer to full appliance manual ***

Heat pump is secured to base & level on all planes. The heating system has been leak checked, flushed and inhibitor has been added. System pressure has been set at 1.2 to 1.4 bar. Either single or 3 phase electrical connections have been completed. Ensure 3 phase sequence is correct.

Are you heating domestic hot water via a 3 way valve?

Yes

Fit hot water tank sensor into pocket on hot water cylinder.

In 'Service' set SF05 to 'Yes' and set SF13 to 'Remote'

No

Does the system have a buffer tank?

Yes

Fit RT sensor from return line pocket at circulation pump into buffer tank pocket.

In 'Service' set EV01 to 'Work by Regulation' and set EV04 to a differential of 3.

In 'Service' set the wired control interface (SF14) to 'Keyboard'

Note : Do not mistake the hot water tank sensor coiled up in the front of the unit as being the RT sensor!

Manufacturer and Service password is 9957. Do not allow customer access to these areas.

No

The RT sensor remains where it is fitted from the factory.

In 'Service' set EV01 to 'Continious Work' and set EV04 to a differential of 1.5

In 'Service' set the wired control interface (SF14) to 'Remote'

Return to main menu and select 'Unit On/Off' to turn the heat pump on. The internal water pump will start, followed by the fan and then the compressor.

It is possible at this point that the unit will go into alarm (AL17)due to flow failure. This is a common issue and can be caused by low flow across the plate heat exchanger or trapped air. In 'Manufacturer' increase 'PWM Pump Min Speed' (EV06) by increments of 5% until adequate flow is achieved and no flow alarm triggered.

Once the HP has been running for around 10 minutes the flow and return should have a differential of around 4 to 7 deg C at the flow and return connections (ST & RT on the controller). When a buffer tank is used it is impossible to measure this using the RT temperature as this is the buffer tank temperature. Thermometers need to be used on the flow and return pipes. In 'User' set the delivery temperature to the required flow temperature for the heating load and hot water temperature.

Check that all external controls are operating correctly and the Heat Pump is reacting to heating and any hot water demands from the controls.

We recommend the HP should be allowed to run and be re checked after 24hrs. Within this period we advise that an auto fill valve is fitted and left open to replenish any pressure loss through air being expelled from the system via auto air vents. Registration and servicing are required under the terms of warranty.

MAKE SURE YOU COMPLETE AND RETURN THE WARRANTY REGISTRATION FOR THIS APPLIANCE.