



Auxiliary Heater Operation and adjustment Isolation of the heater to limit total Load (A) IQ AS10/15V

The total power draw of the IQ AS10 & 15V heat pumps is 19A and 30.5A respectively (This is for the appliance and integral auxiliary heater. It excludes any external components that may have been supplied from the appliance)

in some instances, the power supply may not be big enough to cope with the additional load impact of the Auxiliary heater. It can be rendered inactive.

Heater activation default settings are as described here..

Auxiliary Electric Heater (or boiler control)

The auxiliary backup heater can only be active when all of conditions below are met.

- 1.) Heating mode is on, the compressor has been running at the maximum workable frequency, and It has run such for over 300s.
- 2.) The outside ambient Temperature is below ST07;
- 3.) The system return temperature (RT) is below the heating set point minus the differential setting of ST04 minus a further 2°

The Auxiliary backup heater is then switched off when any of conditions below is met.

1.) A/C flow alarm. 2.) RT≥T (heating) - 2; 3.) Unit is switched off

To adjust or De activate

The default outside ambient temperature trigger temperature is **0** (ST07 in the user settings)

We recommend this to be at -3 for most NZ installations.

The lowest allowable set point is -10

In order to de activate the element, simply set it lower than the potential lowest outside temperature.

