

ATC-800+

Please note that the attached Capacitor is to be fixed in to the screw terminal numbers 5 & 6 at the same time as the sensor cable. This is to eliminate the interference that some aquarium ballast lights can emit which will distort the readings. You only require to use one Capacitor as the other is supplied as a spare.

It is important to remember that the unit only requires to open and close a live supply to control the heating and cooling circuits, in much the same way as a standard single pole light switch at home works. It does not need to open and close both the Live & Neutral to turn the power on or off.

As you can see from the wiring diagram below you need to supply a separate live supply to each relay (terminals 2 & 4) in order for it to output any power to each circuit (terminals 1 & 3).

You should also notice that all Neutral wires are basically joined together so that as soon as a relay closes (turns on the Live power) the Neutrals are able to complete the circuit.

If the appliances that you are wiring to the ATC-800 have Earth wires then all Earths are joined together for safety.

You may find that a terminal block can help when wiring. These are available from all good DIY stores.

Please note that the wiring is different between the older ATC-800 versions to this new updated ATC-800+ version. The Cooling and Heating terminals have been swapped around. Please don't confuse the wiring diagrams of the ATC-800 and the newer ATC-800+ models as they are different.

