

## THY RANGE

A range of Thyristor controlled electric heater battery controllers for use in applications where accurate temperature control is required. The temperature is set using the fascia mounted digital controller which displays both the set point and the actual temperature.

### Control Panel Features

- Door interlocking isolator
- Visual indication for Power, Fan Run, Heat on, Fan trip
- MCB fitted for fan
- Thermal overload protection for fan
- Built in run on timer
- Controller supplied with temperature sensor
- Digital temperature set point adjuster/display on front of control panel

### Control Panel Connections

- Electrical supply
- Heater battery
- Supply fan
- External timeswitch
- Temperature sensor
- Airflow proving device
- Filter differential pressure switch
- High temperature cut-out

Ordering code format:

THY kW/Steps/Phase

E.g. THY10/1/3 = 10kW 1 steps 3 Phase

So we can process your order as quickly as possible please let us know the electrical details of the supply fan and if applicable the extract fan, and whether you require a room or duct sensor.



| Single Phase Heater Control Panels |        |
|------------------------------------|--------|
| Heating Load                       | 1 Step |
| 4kW                                | 789.92 |
| 6kW                                | 842.86 |
| 9kW                                | 928.41 |

| Three Phase Heater Control Panels |         |
|-----------------------------------|---------|
| Heating Load                      | 1 Step  |
| 6kW                               | 1017.26 |
| 9kW                               | 1036.00 |
| 18kW                              | 1069.57 |
| 27kW                              | 1112.12 |
| 36kW                              | 1454.00 |
| 54kW                              | 1536.80 |

| Optional Extras   | £               |
|---|-----------------|
| Extract fan connections   | 43.40           |
| Fire alarm relay connections  | 43.58           |
| Inlet/Outlet damper motor connections (to suit 230v damper motor)                         | 14.36           |
| Summer/Winter switch & face & bypass damper motor connections (to suit 230v damper motor) | 23.36           |
| Filter dirty indicator  | 10.00           |
| Filter differential pressure switch   | see ancillaries |
| Internal 7 day digital timeswitch   | 105.00          |