

ESC RANGE

A range of electronic step controlled electric heater battery controllers for applications up to 6 steps, single or three phase. The temperature set point adjustment is within the control panel.

Control Panel Features

- Temperature set point adjuster within control panel
- Visual indication for Power, Fan Run, Heat on, Fail
- MCB's fitted for heater and fan
- Thermal overload protection for fan
- Built in run on timer
- Controller supplied with temperature sensor
- Door interlocking isolator

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:

ESC kW/Steps/Phase

E.g. ESC12/3/3 = 12kW 3 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.

If you require a configuration of kW/steps that is not marked ✓ then please enquire as we have only listed the more popular configurations.



Single Phase Heater Control Panels

Heating Load	1 Step	2 Step	3 Step	4 Step
3kW	✓			
6kW	✓	✓	✓	✓
9kW	✓	✓	✓	✓
12kW		✓	✓	✓

Three Phase Heater Control Panels

Heating Load	1 Step	2 Step	3 Step	4 Step	5 Step	6 Step
6kW	✓	✓	✓			
9kW	✓	✓	✓			
12kW	✓	✓	✓	✓		
18kW	✓	✓	✓			
24kW	✓	✓	✓	✓		
30kW		✓	✓	✓	✓	✓
36kW		✓	✓	✓		✓
45kW			✓		✓	
54Kw		✓	✓	✓		✓
72kW		✓		✓		✓
90kW						✓

Optional Extras

Extract fan connections

Fire alarm relay connections

Inlet/Outlet damper motor connections (to suit 230v damper motor)

Summer/Winter switch & face & bypass damper motor connections (to suit 230v damper motor)

Filter dirty indicator

Filter differential pressure switch

Internal/External timeswitch (Internal compatible timeswitches are DIN mounting types)