

# SHEVTEC 30A/60A/90A PSU PANEL



60A PSU Shown



## Controllers / 24 V dc

The SHEVTEC PSU Panel is a powerful 24 V dc control system designed to drive 2-wire 24 V dc actuators in a smoke control and/or environmental ventilation system.

This range of panels provide a flexible solution offering various configurations of output power and control zone inputs.

Operating from a 230 V ac supply, the SHEVTEC PSU Panel can deliver various current outputs to drive 24 Volt motorised actuators and magnetic catches.

The SHEVTEC PSU Panel can be mounted in a centralised location.

Each SHEVTEC PSU Panel can operate independently or can be linked to others to produce a networked control system. The networked control system in turn can operate standalone or be linked to a building management system.

Certified and tested in accordance with EN12101-10.



## Applications

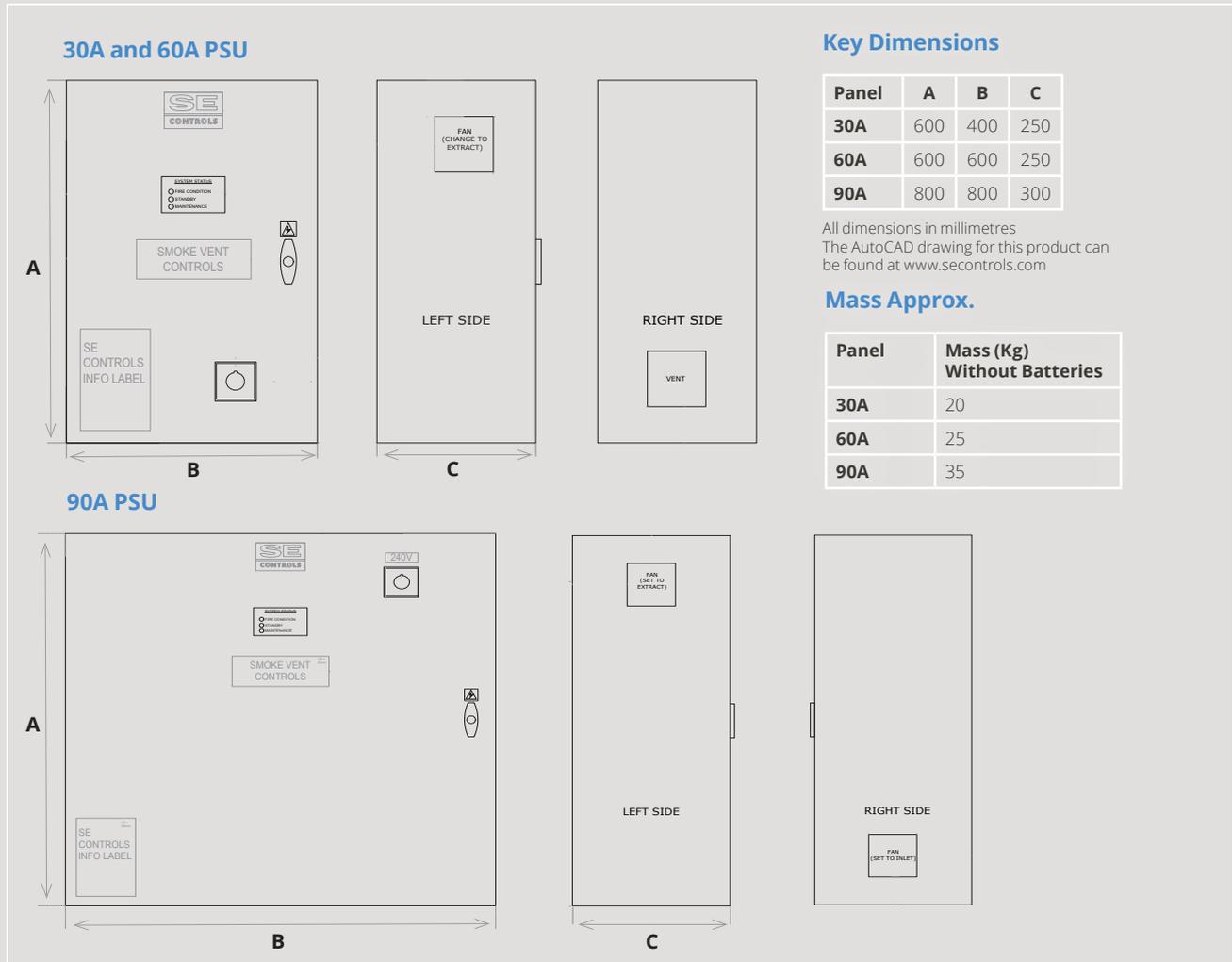


**Environmental Ventilation**



**Smoke Ventilation**

## Technical Drawing



## Power

- Supply 230V ac 50/60 Hz from a dedicated compliant supply
- Output nominal 24V dc multi-channel output not to exceed 16A per channel, but total output across all channels may not exceed 30,60,90A depending upon controller selection
- Backup battery via 2 x 12V dc 22.0Ah sealed lead-acid batteries per 30A output, (batteries not included)<sup>1</sup>
- Battery standby time 72 hours with maximum 100mA standby drain on PER permanent<sup>2</sup>
- Expected battery life 3+ years @ 25°C
- Real time clock battery life is 10 years

## Environment

- IP rating 30
- Humidity range 10 to 90% Non-condensing
- Storage -20 to +50°C
- Operating temperature for Control Panel (not including batteries) -5 to 40°C<sup>3</sup>

## Miscellaneous

- Cable entry is via 32 x 20mm top mounted cable glands
- Internal temperature sensor installed to provide optimal battery charging compensation as the ambient temperature changes.

<sup>2</sup> Standby drain current comprises of enabled fire inputs, communication cards, and other loads connected to PER.

<sup>3</sup> Operation at elevated temperatures may reduce battery life.

## Product Codes

<b>1 Zone30A PSU Panel</b>
FCS12001530
<b>1 Zone 60A PSU Panel</b>
FCS12001560
<b>1 Zone 90A PSU Panel</b>
FCS12001590

## Battery Product Code

<b>12 Volt 22AH Backup Battery</b>
FYS12000011

## Panel Battery Requirements<sup>1</sup>

Panel	No. Required
30A	2
60A	4
90A	6