

Fan Control Panel

Variable Speed 30 - 37 kW



Controllers / 400V 3Ph/ 50Hz

The Variable Speed Fan Control Panel has the following features:

- Industrial PLC logic driven system
- Duty and standby fan control
- Multiple fan speed control via industrial inverters enabling firefighting and/or means of escape operational mode
- Inputs for external fire fighters key switch control (auto/off, auto/boost)
- Multiple panels can be networked together
- Reversible fan operation if required for twin shaft/triple shaft push/pull systems
- Pressure sensor monitoring to prevent excessive negative pressure in the activated zone
- Ability to power separate environmental fans from the panel for where day-to-day ventilation operation is required
- Ability to power additional single phase or three phase environmental fans
- Ductwork damper(s) control
- System state indication on panel face via LEDs
- Activation/healthy volt free contacts for BMS monitoring
- Fan panel status can be viewed via associated SHEVTEC repeater panel



Applications

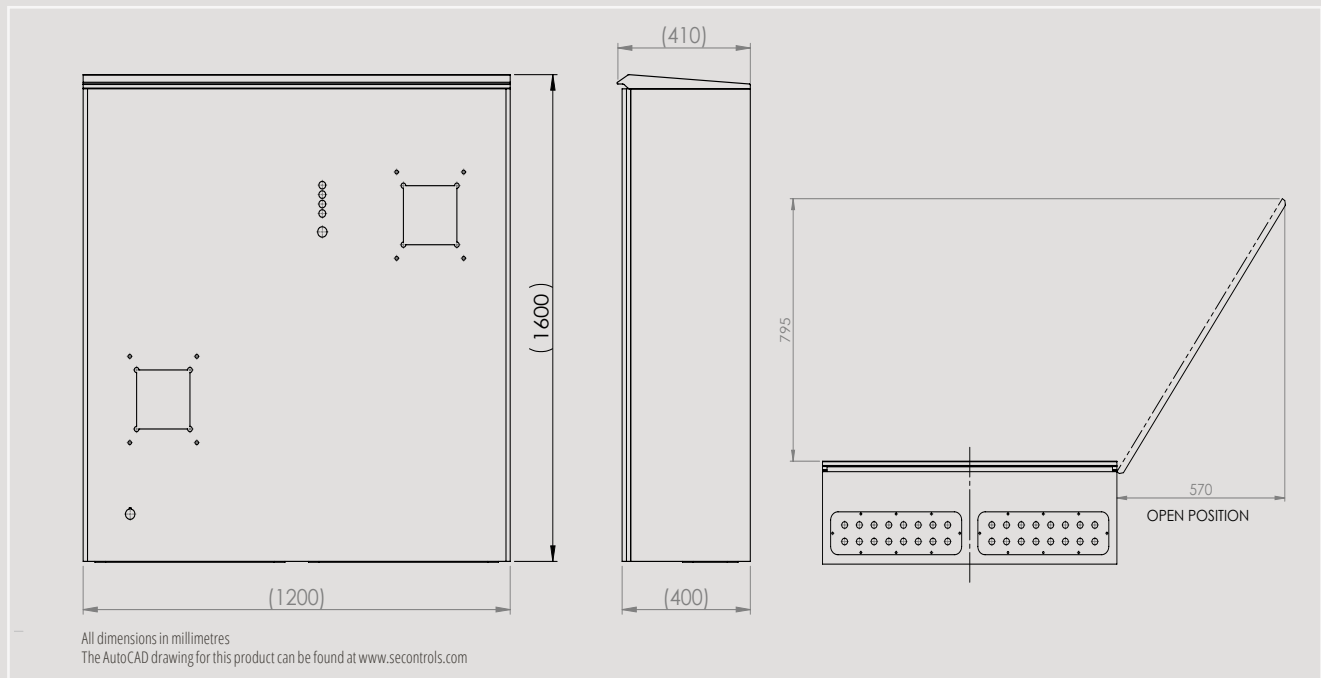


Environmental Ventilation



Smoke Ventilation

Technical Drawing



Power

- Class 1
- Single 400 V 3Ph/50Hz from external ACOPS unit or primary and secondary 400 V 3Ph 50Hz supplies into internally fitted ACOPS unit
- Four pole isolating switch on panel face for service requirement
- Current rating up to 68 A, current draw between 1 to 68 A depending on either quiescent state or system activated state and associated fan FLC

Environment

- IP rating 55 (Internal and External) fully weatherproofed
- Internal or external panel fitting option
- Humidity 10 to 90% non-condensing
- Operating temperature 0 to 35°C (internally climate controlled via internal cooling fan and/or enclosure heater)

Miscellaneous

Note: The below are all dependant on a variety of factors, including, but not limited to, system specification, inverter size, ACOPS requirements, option packs fitted and additional NV fan control.

- Weight 140-210 kg¹
- Bottom cable entry regardless of panel location

¹ Dependant on a variety of factors, including, but not limited to, system specification, inverter size, ACOPS requirements, additional NV fan control and panel location.

Product Codes

**VAR. SPEED FAN CONTROL PANEL IP55
SINGLE 37KW REP**

FCS029XXXX¹

¹ The item number will reflect the option pack(s) installed in the Fan Panel. For specific application requirements please contact SE Controls.