

# Fan Control Panel.

EV-FBR

This is the shaft system master control panel and twin smoke fansets MCC with Danfoss inverter drives. Provides an interface to all addressable units and devices.



## CONNECTED

The panel houses the system controller and dedicated duty/standby fan starters. Can be networked with multiple fan panels and available with BMS interfaces.

## CONFIGURABLE

Variable speed control of the smoke fans which can be configured to operate for daily ventilation purposes. Variants are available with separate environmental fan starters.

## WEATHERPROOF

Weatherproof enclosure with cooling ventilators, making the panel suitable for indoor and outdoor locations.

## CONFORMITY

UKCA and CE Marked to BS EN 61439 prEN 12101-9 BS ISO 21927-9

## MANUFACTURER

Easivent

## KEY INFO / SPECIFICATIONS

BMS Interfaces	Volt-free contacts Optional Modbus & BACnet gateway available
Voltage Input	Single maintained 400V AC 3P&N (4 Wire)
Voltage Outputs	400V AC 3P supply for two duty/standby fansets 230V AC 16A maintained supply for interface panels 24V DC 2.5A supply for sensors and fan dampers
Cable Entries	Bottom
IP Rating	IP55 weatherproof with rain canopy
Operating Temperature	-5 to +50 °C ambient temperatures
Finish	Mild steel, RAL 7035 light grey powder-coated finish

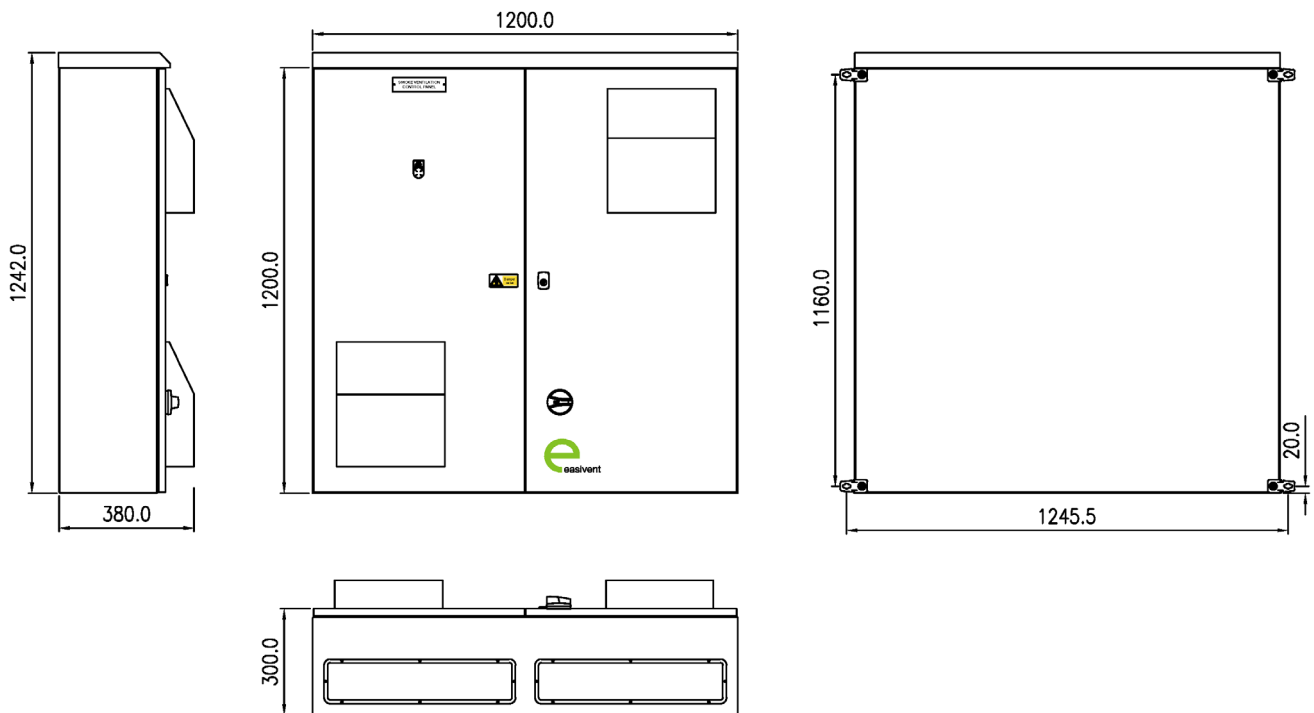
## SUITABLE FOR:



## MODEL SPECIFIC

Model	Max Current Load	Weight	Dimensions
EV-FBR4	37.6A	125kg	H:1242mm x W:1200mm x D:300mm
EV-FBR5.5	44A	128kg	H:1242mm x W:1200mm x D:300mm
EV-FBR7.5	50A	132kg	H:1242mm x W:1200mm x D:300mm
EV-FBR11	66A	140kg	H:1242mm x W:1200mm x D:300mm
EV-FBR15	82A	200kg	H:1700mm x W:1200mm x D:400mm
EV-FBR18.5	96A	220kg	H:1700mm x W:1200mm x D:400mm
EV-FBR22	110A	230kg	H:1700mm x W:1200mm x D:400mm

## TECHNICAL DRAWINGS



## VARIATIONS

EV-FBR FAN CONTROL PANEL	
Model number	Variations
EV-FBR4	4KW 10A (Twin Fanset with Bypass)
EV-FBR5.5	5.5KW 13A (Twin Fanset with Bypass)
EV-FBR7.5	7.5KW 16A (Twin Fanset with Bypass)
EV-FBR11	11KW 24A (Twin Fanset with Bypass)
EV-FBR15	15KW 32A (Twin Fanset with Bypass)
EV-FBR18.5	18.5KW 37.5A (Twin Fanset with Bypass)
EV-FBR22	22KW 44A (Twin Fanset with Bypass)

## ACCESSORIES

Part number	Product name
EV-HMI7P-SS	Smoke Shaft Basic HMI panel, 7" Screen, 230VAC, Profibus, white
EV-ATSB	EV-ATSB Auto Transfer Switch
EV-301-MC	24V Smoke Ventilation 3A AOV Control Panel
EV-301-MC-P	24V Smoke Ventilation 3A AOV Control Panel with pressure sensor
EV-601-MC	24V Smoke Ventilation 6A AOV Control Panel
EV-BMS-SS	Modbus RTU and BACnet MSTP Gateway

## SPARE PARTS

Part number	Product name
827-9510	Fan filter
ZBVM1	Lamp LED bulb
LSK503	Panel key
768-9708	Panel isolator padlock

ATTENTION: Under the Construction Products Regulations (CPR) it is a legal requirement to use only certified products for smoke ventilation. It is the responsibility of the installer to ensure installations meet the relevant standards.

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