

JB-VENT CEP FR Polyester (GRP) Fire Rated Enclosures



JB-VENT CEP Fire Rated Junction Boxes and Enclosures

Tested for fire to: IEC60331-2: 2009 at 830°C for 3 hours and BS8434-2: 2003 + A2: 2009* at 970°C for 2 hours

Compliance with: BS8519-2-10 for Life Safety

ATEX Certification: Certification numbers: SIRA 08 ATEX 3213 and IECEx SIR 13.0039X

Approved to: Ex II 1 GD, Ex ia IIC T5 and T6, Ex ta IIIC T85°C and T100°C, Ex II 1 2 GD, Ex e IIC T5 and T6, Ex tb IIIC T85°C and T100°C

Ingress protection level options: IP66 and 67

JB-VENT CEP FR features

- ✓ Constructed from Glass Reinforced Polyester (GRP)
- ✓ ATEX versions finished in black (RAL 9005) carbon loaded anti-static GRP.
- ✓ Standard versions are finished in grey (RAL 7001). Also available in other colours
- ✓ Fitted with high temperature fire rated terminals.
- ✓ Available with fire rated fuse
- ✓ Fitted with internal/external M6 earth stud.
- ✓ Lids fitted with stainless steel fasteners
- ✓ Available with internal/external hinges, mounting plates and external mounting feet.
- ✓ Available with fire-rated plug and socket

Product Code	Height mm	Width mm	Depth mm	Max no. of terminals (4.0mm ²)	Max no. of entries (ISO M20) to top and bottom faces excluding locknuts
JB-VENT-CEP121290FR	122	120	90	7	4
JB-VENT-CEP221290FR	220	120	90	19	6
JB-VENT-CEP161690FR	160	160	90	11	8
JB-VENT-CEP261690FR	260	160	90	23	14
JB-VENT-CEP361690FR	360	160	90	35	20
JB-VENT-CEP561690FR	560	160	90	59	34
JB-VENT-CEP252512FR	255	250	120	23 (2 rows)	17
JB-VENT-CEP402512FR	400	250	120	40 (2 rows)	32
JB-VENT-CEP404016FR	400	405	160	63 (2 rows)	32
JB-VENT-CEP602512FR	600	250	120	40 (3 rows)	38

Please add 'F' suffix to the product code when ordering with fuse, e.g. JB-VENT-CEP121290FRF

Please add 'FP' suffix to the product code when ordering with fuse and plug for connecting to a suitable light fitting, e.g. JB-VENT-CEP121290FRFP

*The BS8434-2 test was for resistance to fire alone, which follows the general pattern when a fire occurs with rapid heat build-up and flames.

For a higher fire specification Ventilux's stainless steel CEXFR enclosures have been successfully tested to meet BS6387CWZ, BS5839-1: 2013 section 26.2 e, BS EN50200: 2006 and BS 8432-2: 2003 + A2 2009. Please note that the BS6387CWZ test comprises of separate tests for **C** (fire only), **W** (resistance to fire with water) and **Z** (resistance to fire and mechanical shock), which follows the general pattern when a fire occurs: (as above for C) secondly, emergency services spray water at the fire (W), and finally, collapse of masonry (Z).