

## Product Specification Sheet

**FC180-R**

Fire Curtain with up to 3-hour Fire Resistance featuring ResQ-WINDOW™ Vision Panel

### KEY SPECIFICATIONS

Headbox	1.2mm galvanized mild steel with 2mm end caps
Rollers	76mm coated mild steel tube
Motors	24V DC, 3100 RPM
Fabric	C41000WK
Bottom Bar	20mm x 20mm - 20mm x 40mm mild steel
Side Guides	100 x 50 rolled steel
Electronics	See separate spec sheet
Vision Panel	Silicone-coated fabric, size 375mm x 270mm



### STANDARDS

Tested and approved by Underwriters Laboratories LLC to Standards.

- UL10D: Fire Tests of Fire Protective Curtain Assemblies.
- UL1784: Air Leakage Tests of Door Assemblies and Other Opening Protectives.
- UL864: Control Units and Accessories for Fire Alarm Systems.
- UL723: Test for Surface Burning Characteristics of Building Materials.

### DESIGNATIONS & SIZE LIMITATIONS

Model	Single Roller	Multi Roller	Max Width (m)	Max Drop (m)	Classification	Test Standard	Certificate / Reports
FC180-R	Yes	Yes	45.0	12.0	120 mins fire rating in gypsum 180 mins fire rating in masonry	UL 10D UL 1784	20151020-R26410 20120808-R26410

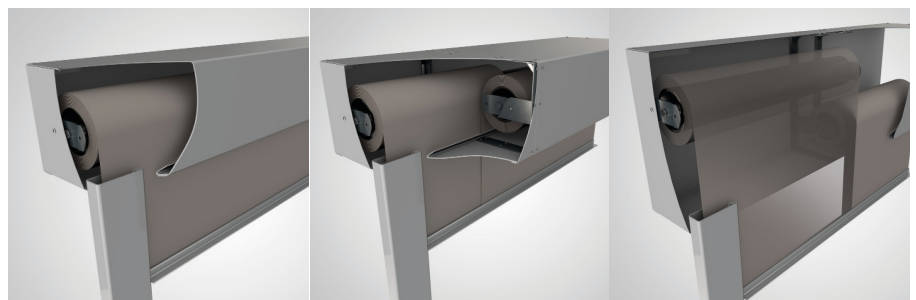
## HEADBOX SIZES

The size of the curtain roller housing (headbox), depends on the curtain drop and width. The tables below give details of the full range of standard headbox sizes for the FC180 fire curtains. Contact us for oversized systems.

Type A: The standard headbox for use with curtain widths up to 5.5m.

Type B: Headbox for use with limited installation height for headbox.

Type C: The standard headbox for use with curtain unlimited widths.



	Type A	Type B	Type C
Curtain Drop	Single Roller Headbox (Max Width 5.5m)	Side by Side Headbox (Up to 45m)	Over Under Headbox (Up to 45m)
Up to 1.5m	150x150mm	250x150mm	150x250mm
1.501m - 3.0m	180x180mm	310x180mm	180x310mm
3.001m - 6.0m	210x210mm	350x210mm	210x350mm
6.001m - 9.0m	230x230mm	390x230mm	230x390mm
9.001m - 12.0m	250x250mm	450x250mm	250x450mm

## WARRANTY

A manufacturer's warranty is provided for a period of one year. Exclusions may apply if any element is sublet to an unauthorised party.