BLE
MAKING BUILDINGS SAFER

Product Data Sheet

SC180   Smoke Curtain

KEY SPECIFICATIONS

Headbox	0.05" galvanized mild steel with 0.08" end caps
Rollers	2.99" coated mild steel tube
Motors	24V DC
Fabric	C41000WK
Bottom Bar	0.79" x 0.79" - 0.79" x 1.57" galvanised steel
Side Guides	3.94" x 1.97" rolled steel
Electronics	See separate spec sheet

STANDARDS

Tested and approved by Underwriters Laboratories LLC to Standards.

• 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

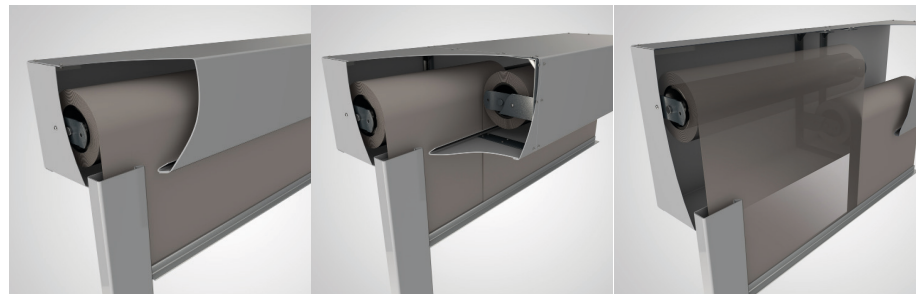| Model	SIngle Roller	Multi Roller	Max Width (ft)	Max Drop (ft)	Classification	Test Standard	Certificate / Reports
SC180	Yes	Yes	147	39	Smoke Rating	UL 1784	20120808-R26410

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HEADBOX SIZES

The size of the curtain roller housing (headbox), depends on the curtain drop and width. The table below gives details of the full range of headbox sizes for the SC180 smoke protective curtains.

Type A: The standard headbox for use with curtain widths up to 16'.

Type B: Headbox for use with curtains up to 147' and limited installation height for headbox.

Type C: The standard headbox for use with curtain widths up to 147'.

Curtain Drop	Type A — Single Roller Headbox (Max Width 16')		Type B — Side by Side Headbox (Up to 147')		Type C — Over Under Headbox (Up to 147')	
	Roller Width		Roller Width		Roller Width	
	Up to 8.2'	Up to 16.4'	Up to 8.2'	Up to 16.4'	Up to 8.2'	Up to 16.4'
Up to 4.9'	5.91″ x 4.92″	5.91″ x 5.91″	9.84″ x 4.92″	250 x 5.91″	5.91″ x 9.84″	
4.901' - 9.8'	5.91″ x 5.91″	7.09″ x 7.09″	12.2″ x 7.09″		7.09″ x 12.2″	
9.801' - 19.7'	7.09″ x 7.09″	8.27″ x 8.27″	13.78″ x 8.27″		8.27″ x 13.78″	
19.701' - 29.5'	8.27″ x 8.27″	9.06″ x 9.06″	15.35″ x 9.06″		9.06″ x 15.35″	
29.501' - 39.4'	9.06″ x 9.06″	9.84″ x 9.84″	17.72″ x 9.84″		9.84″ x 17.72″	

WARRANTY

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

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