

Defender Smoke Curtain or Smoke Baffle

System available with and without side guides

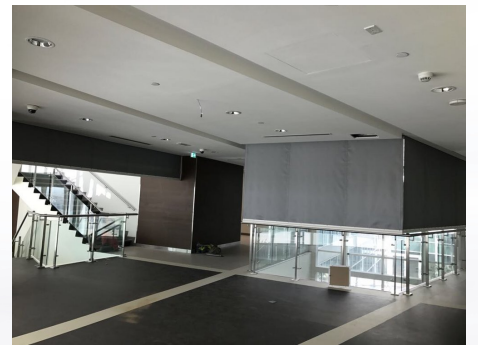
The Defender Smoke Curtain assists the management of smoke in a building, channelising the movement of smoke to smoke extraction points in the building or creating reservoirs to slow down the spreading of smoke. The curtains remain virtually invisible in their retracted position within the compact head-box. When signalled by a local detector or fire alarm system, the curtain descends to the operational level using the gravity fail safe system.

Compliance:

- BCA/NCC [1] section E2.2b.
- AS1668; AS2665 with smoke leakage rates complying with AS1530.7 and hot smoke performance rating of 600°C for 30minutes in accordance with BS 7346.
- BS EN 12101-1 Annex B (Reliability, Response time & Material Durability)
- BS EN 12101-1 Annex C (Air Leakage)
- BS EN 12101-1 Annex D (Fire Resistance Test)
- UL 10D, UL 1784
- Fabric Tested to BS 476 Pt 6 & Pt 7, Class 0
- BS 5234-2:1992 Method of Test as set out within BS 8524-1:2013 Severe Duty Impact Test (with Side Guides)
- System tested in single & Multiple Barrel Orientation
- Tested to ASTM E 84 & UL 723 for VG455 Fabric
- Australian 1530.4 [assessment]

FIRE INTEGRITY

- 120 minutes at 600°C
- 60 minutes at 1000°C



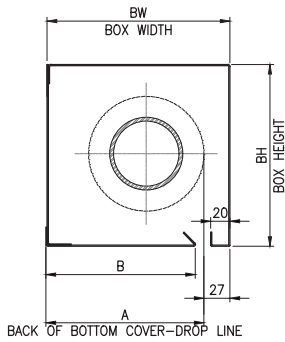
Phone: 1300 226 820

Perth Office:
17 Williams Road Kelmscott
Western Australia 6111

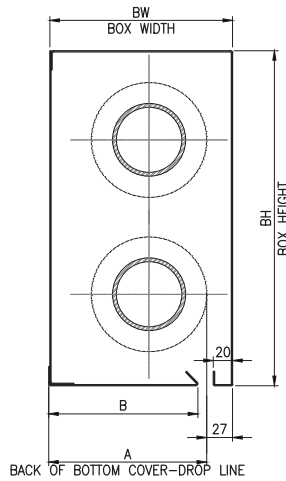
Melbourne Office:
Level 3, 480 Collins Street,
Melbourne VIC 3000

Sales Enquires: Sales@AustralianFireControl.com.au
Accounts Enquires: Admin@AustralianFireControl.com.au

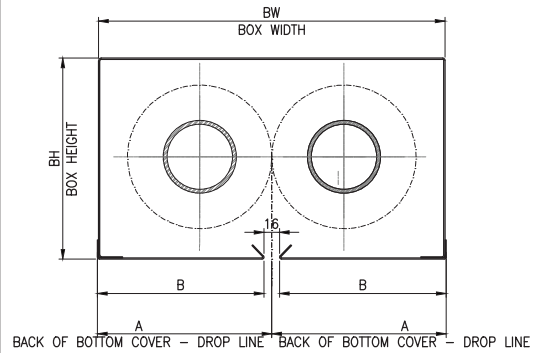
SMOKE CURTAIN BOXES



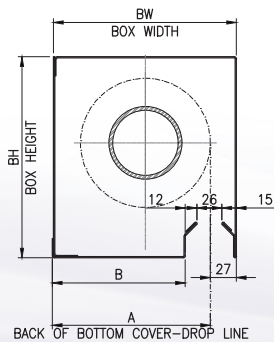
CURTAIN DROP	SINGLE ROLLER BOX - TYPE 1			
	WIDTH(BW)	HEIGHT(BH)	A	B
UPTO 3m	160mm	160mm	133mm	135mm
3m TO 7m	210mm	210mm	183mm	175mm
7m TO 12m	280mm	280mm	253mm	245mm



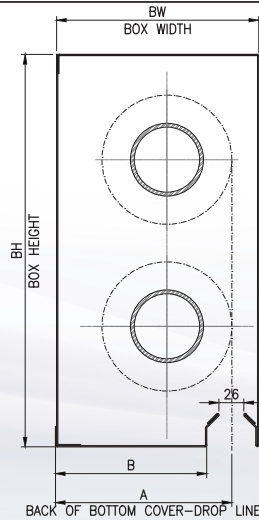
CURTAIN DROP	MULTIPLE ROLLER BOX - TYPE 2			
	WIDTH(BW)	HEIGHT(BH)	A	B
UPTO 3m	160mm	300mm	133mm	135mm
3m TO 7m	210mm	390mm	183mm	175mm
7m TO 12m	280mm	500mm	253mm	245mm



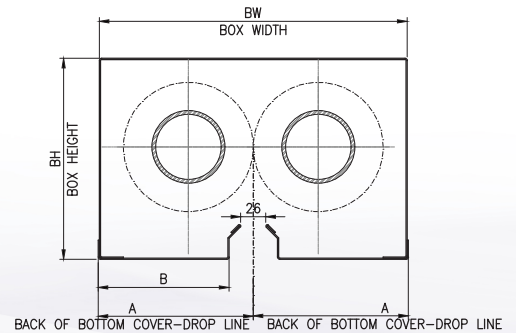
CURTAIN DROP	MULTIPLE ROLLER BOX - TYPE 3			
	WIDTH(BW)	HEIGHT(BH)	A	B
UPTO 3m	280mm	160mm	140mm	133mm
3m TO 7m	370mm	210mm	185mm	178mm
7m TO 12m	480mm	280mm	240mm	233mm



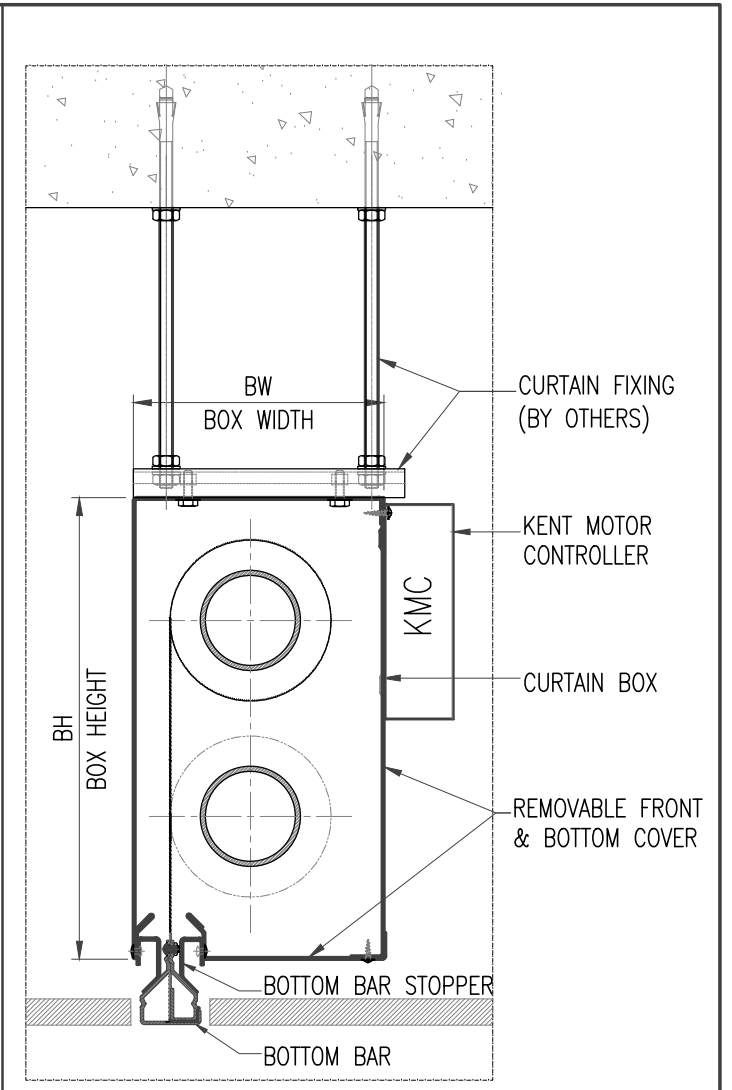
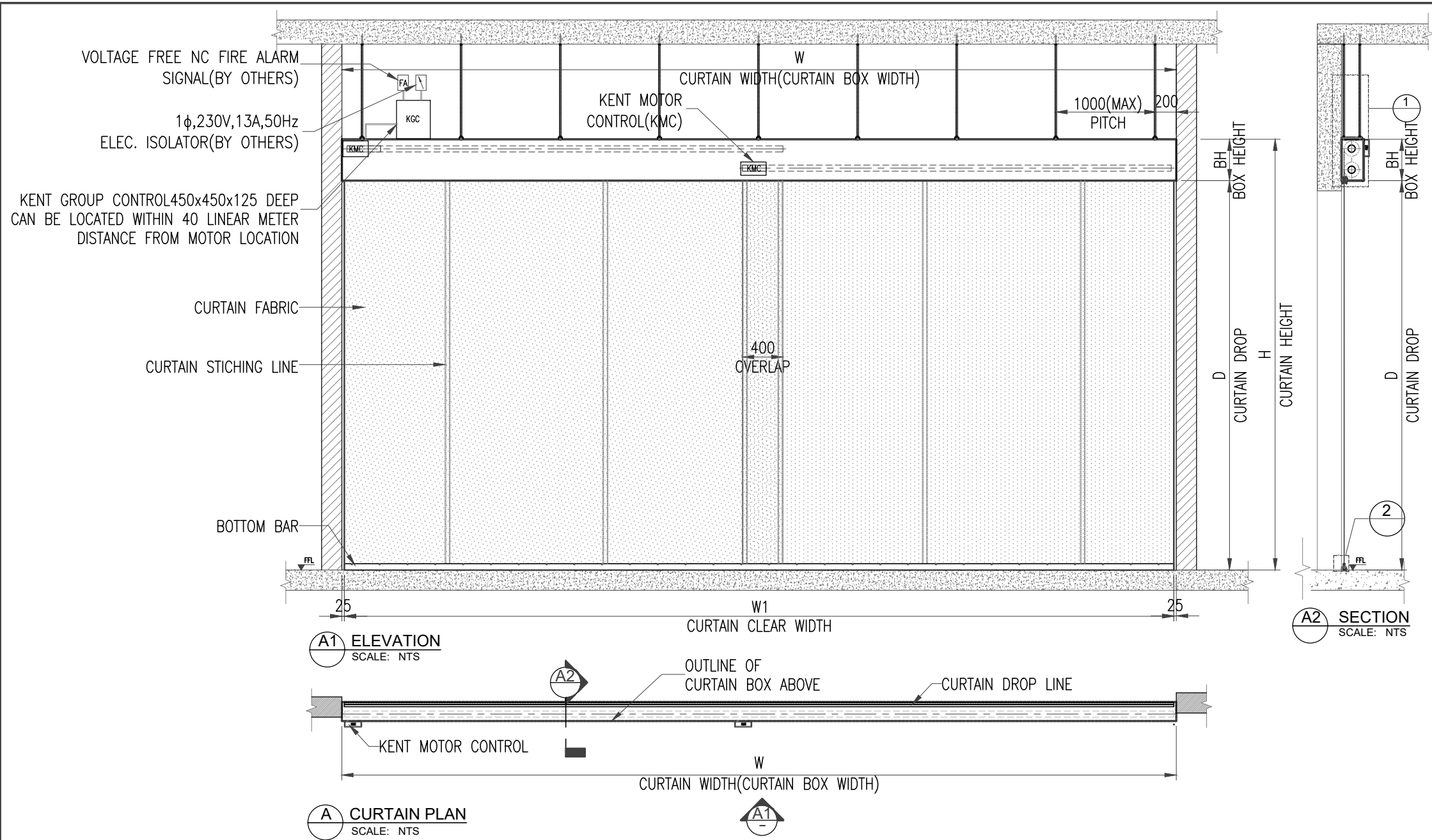
CURTAIN DROP	SINGLE ROLLER BOX - TYPE 1			
	WIDTH(BW)	HEIGHT(BH)	A	B
UPTO 3m	160mm	180mm	133mm	108mm
3m TO 7m	210mm	230mm	183mm	158mm
7m TO 12m	280mm	300mm	253mm	228mm



CURTAIN DROP	MULTIPLE ROLLER BOX - TYPE 2			
	WIDTH(BW)	HEIGHT(BH)	A	B
UPTO 3m	160mm	320mm	133mm	108mm
3m TO 7m	210mm	410mm	183mm	158mm
7m TO 12m	280mm	520mm	253mm	228mm

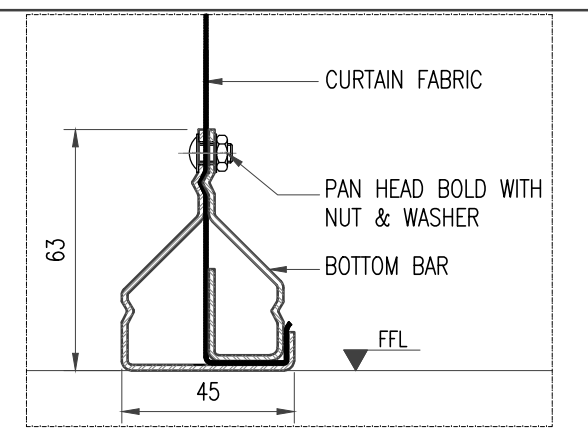


CURTAIN DROP	MULTIPLE ROLLER BOX - TYPE 3			
	WIDTH(BW)	HEIGHT(BH)	A	B
UPTO 3m	280mm	180mm	140mm	116mm
3m TO 7m	370mm	230mm	185mm	161mm
7m TO 12m	480mm	300mm	240mm	216mm



SMOKE CURTAIN SPECIFICATION:

CURTAIN	MANUFACTURED FROM WOVEN GLASS FIBRE, FABRIC COATED ON EACH SIDE WITH POLYURETHANE (VG - 455)
BOTTOM BAR	1.5mm THK GALVANISED STEEL BOTTOM BAR POWDER COATED FINISH RAL TO BE CONFIRMED
BOX COVER	1.2mm THK GALVANISED STEEL FINISH POWDER COATED FINISH RAL TO BE CONFIRMED
END PLATE	3mm THK GALVANISED STEEL END PLATES AND BRACKETS
GUIDE RAIL	2mm THK GALVANISED STEEL POWDER COATED FINISH RAL TO BE CONFIRMED
MOTOR	INTERNAL, ELECTRIC, TUBULER GEARED CONSTANT SPEED MOTOR
POWER SUPPLY	SINGLE PHASE, 230V, 13A, 50Hz
FIRE ALARM SIGNAL	VOLTAGE FREE N.C SIGNAL



NOTE:
ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.

Rev.	Date	By	Description	Checked	Approved

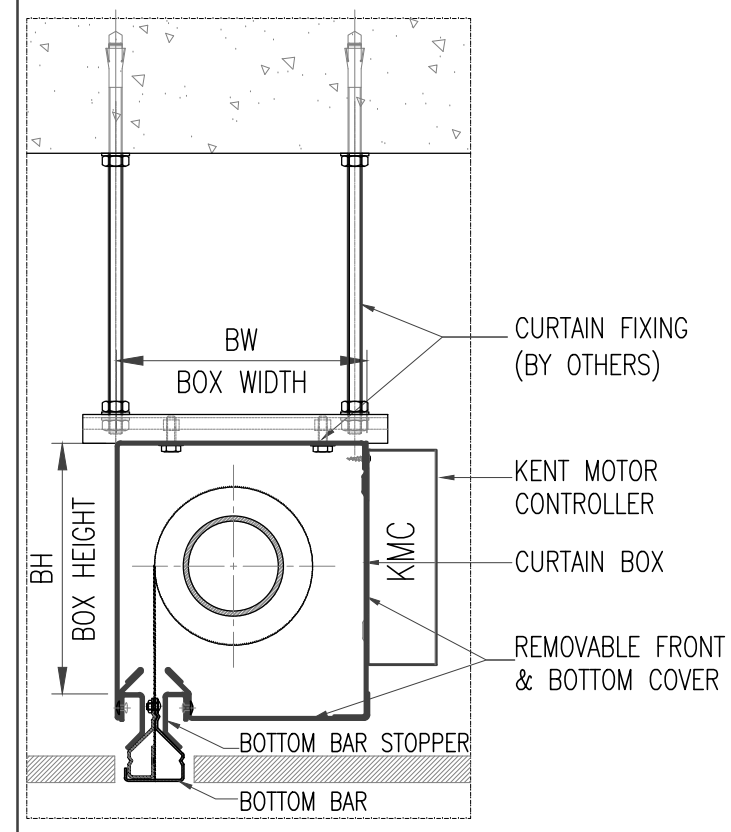
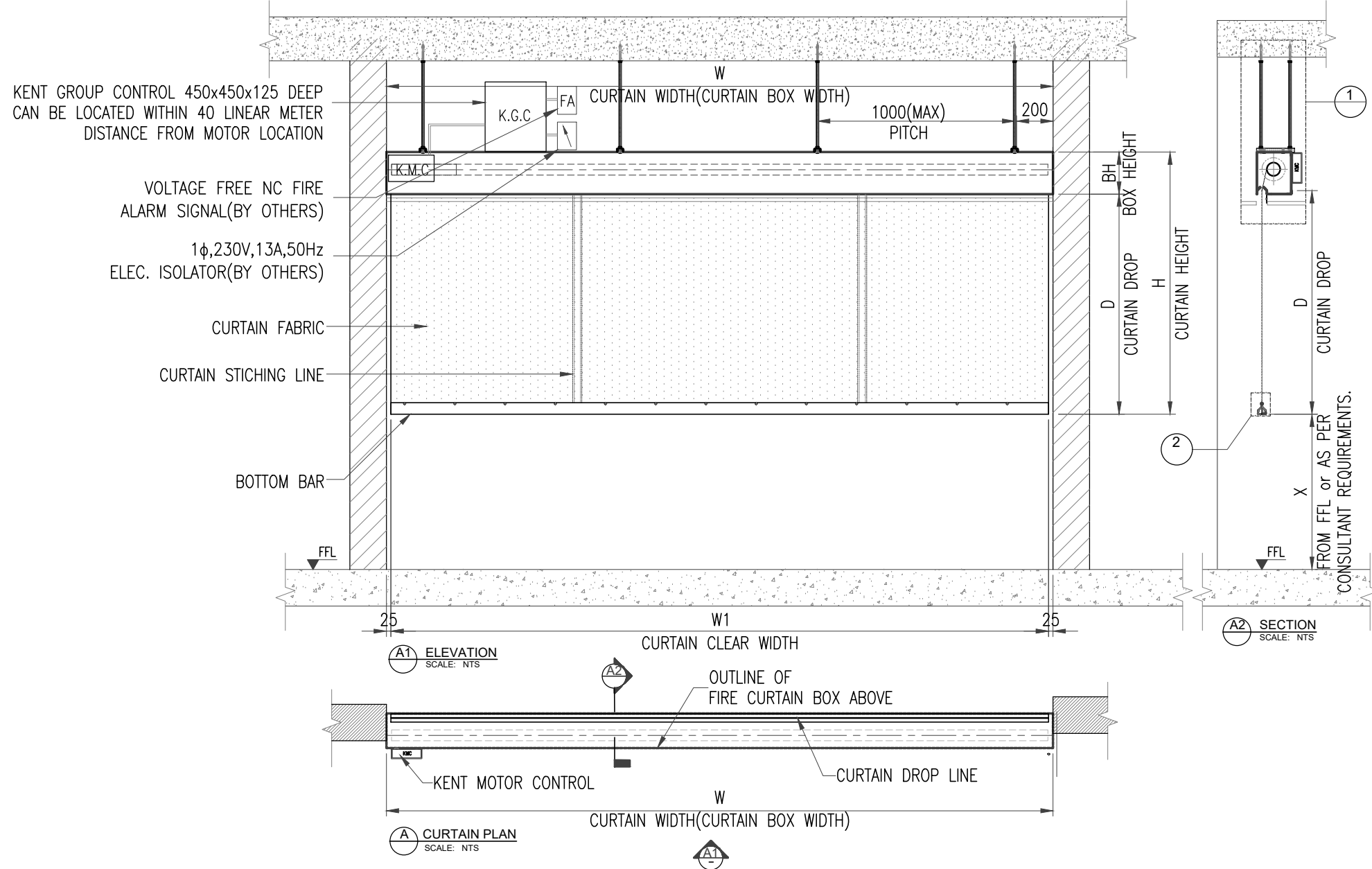
AFC
Australian Fire Control

Designed M.H. Checked Approved
Scale N.T.S. Drawn M.H. Date 23.09.2018

Project Title :
GENERAL ARRANGEMENT

Drawing Title :
SMOKE CURTAIN - MULTIPLE ROLLER

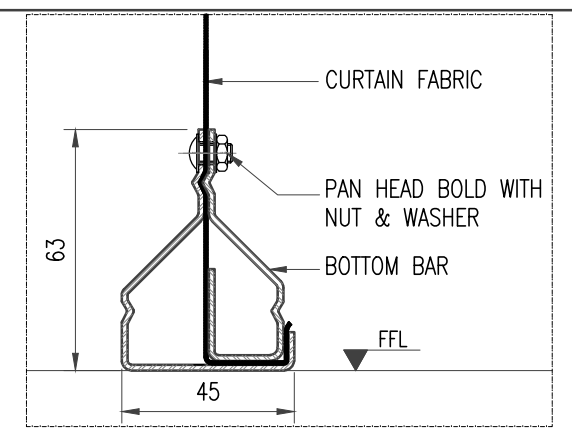
Drawing No. : KFC-SD-SC-002 Rev. 00 Sheet 1 of 1
CAD File Name : SMOKE CURTAIN STANDARD DRAWING



1 ENLARGED VIEW (CURTAIN OPEN CONDITION) SCALE: NTS

SMOKE CURTAIN SPECIFICATION:

CURTAIN	MANUFACTURED FROM WOVEN GLASS FIBRE, FABRIC COATED ON EACH SIDE WITH POLYURETHANE (VG - 455)
BOTTOM BAR	1.5mm THK GALVANISED STEEL BOTTOM BAR POWDER COATED FINISH RAL TO BE CONFIRMED
BOX COVER	1.2mm THK GALVANISED STEEL FINISH POWDER COATED FINISH RAL TO BE CONFIRMED
END PLATE	3mm THK GALVANISED STEEL END PLATES AND BRACKETS
GUIDE RAIL	2mm THK GALVANISED STEEL POWDER COATED FINISH RAL TO BE CONFIRMED
MOTOR	INTERNAL, ELECTRIC, TUBULER GEARED CONSTANT SPEED MOTOR
POWER SUPPLY	SINGLE PHASE, 230V, 13A, 50Hz
FIRE ALARM SIGNAL	VOLTAGE FREE N.C SIGNAL



2 ENLARGED VIEW (BOTTOM BAR DETAILS) SCALE: NTS

NOTE:
ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.

Rev.	Date	By	Description	Checked	Approved

AFC
Australian Fire Control

Designed M.H. Checked Approved
Scale N.T.S. Drawn M.H. Date 23.09.2018

Project Title :
GENERAL ARRANGEMENT

Drawing Title :
SMOKE CURTAIN SINGLE ROLLER PARTIAL DROP

Drawing No. : KFC-SD-SC-001 Rev. 00 Sheet 1 of 1
CAD File Name : SMOKE CURTAIN STANDARD DRAWING(SR)dwg