



FIRE DAMPERS

WALL mounted Model WB-FDV

FLOOR mounted Model WB-FDH



FIRE DAMPER - CURTAIN TYPE

MODEL : WB - FDV Vertical mounted

MODEL : WB - FDH Horizontal mounted

GENERAL DESCRIPTION

Fire Dampers are used to localise areas of fire in a HVAC system.

Our Fire Dampers are tested to a fire integrity of 240minutes.

It is suitable for installations in ducts, walls, floor slabs and fire rated partition walls.

Peripheral flanges are supplied standard for easy installaion.

It has beed tested to BS476:1987 - Fire tests on Building Materials and Structures- Part 20.

Complies with SS333:2012 &

MS555: Part 1(2003) Fire Damper 2nd Rev.

Damper Leakage rate (l/s)		
	For Damper Area	
At pressure of	<0.5sqm	>0.5sqm
250 Pa	45	140
500 Pa	55	190
750 Pa	65	240
1000 Pa	70	290
1250 Pa	80	330

Minimum Size

Vertical installation - 100 x 100

Horizontal installation - 150 x 150

Maximum Size

Single section

Vertical installation - 750 x 1000mm

Horizontal installation - 1200 x 1200mm

Multiple section

Vertical installation - 3000 x 3000mm

Horizontal installation - 2400 x 2400mm



Material Description

Blades

24G Galvanised curtain type in air stream

Frame

20G Galvanised stell channel

Sleeve

20G Galvanised stell channel

Finish

Mill

301 stainless steel constant force type

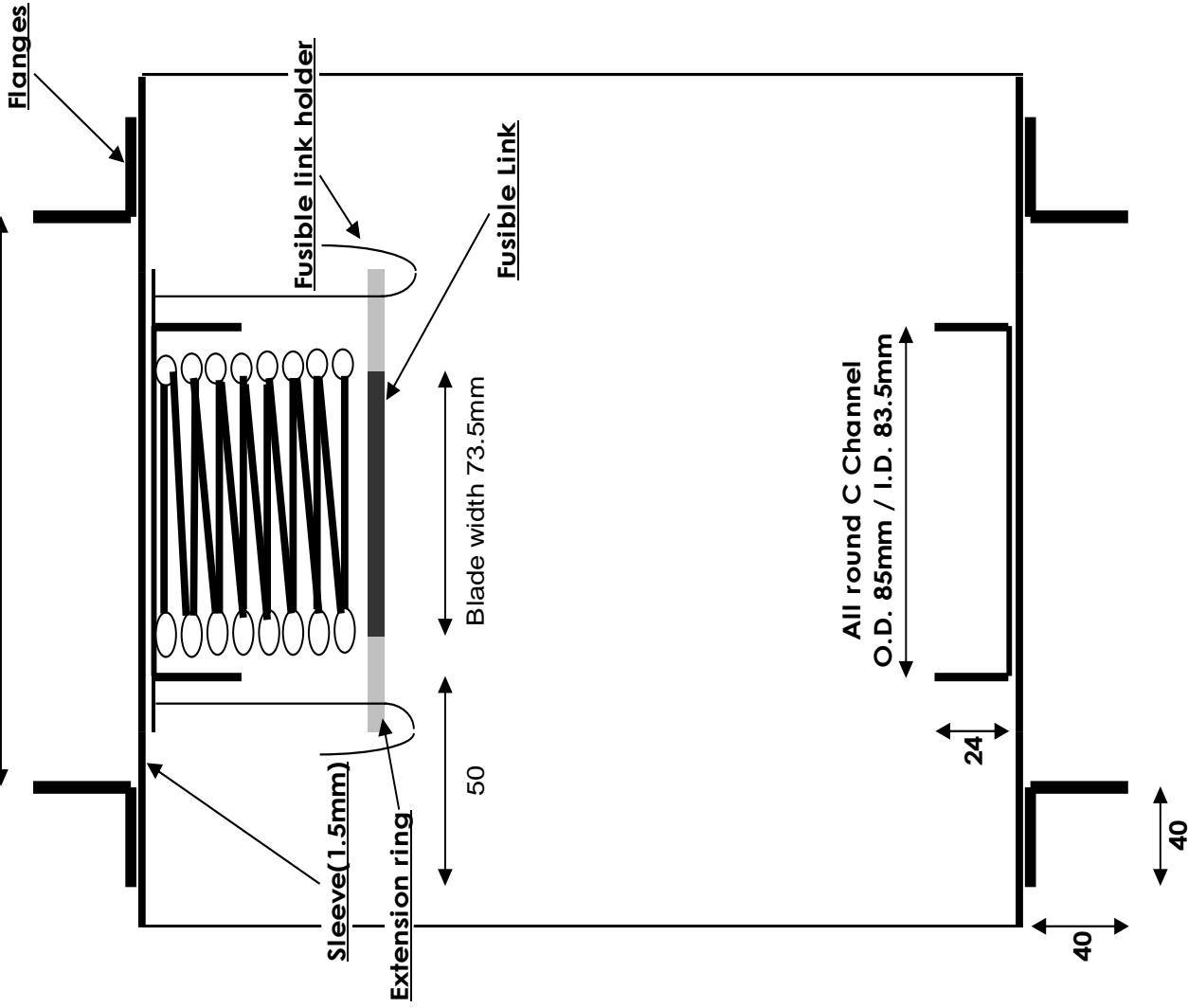
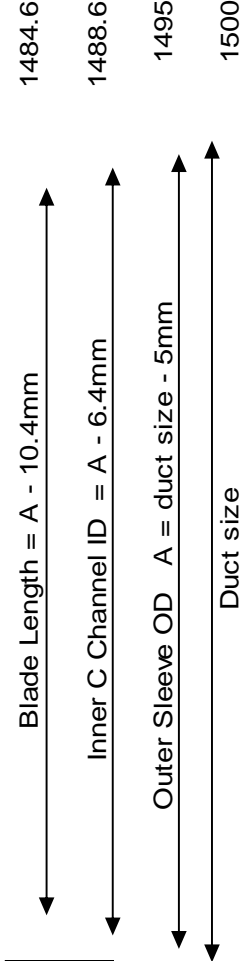
(Horizontal mount only)

Fusible Link

74 Deg C

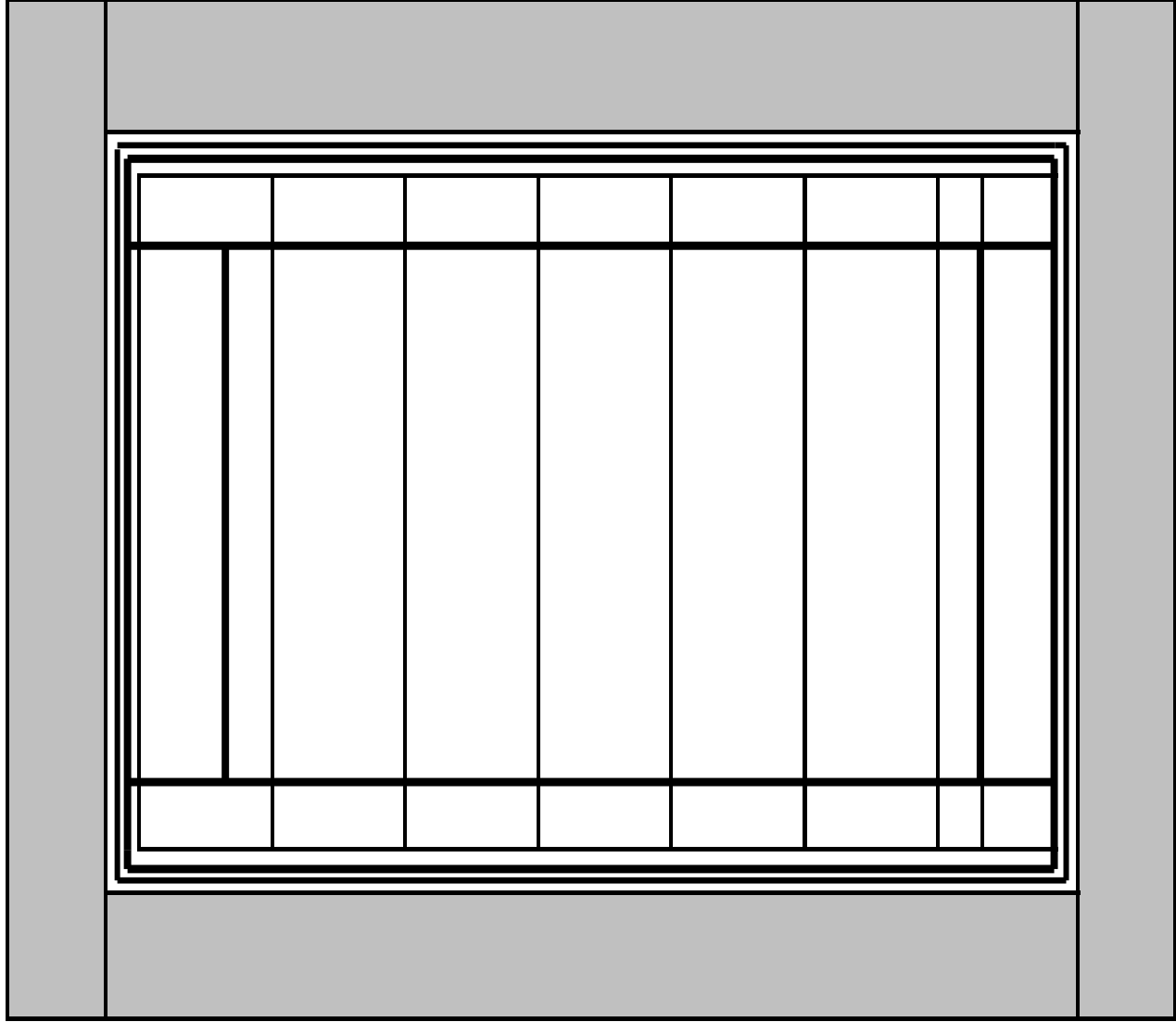
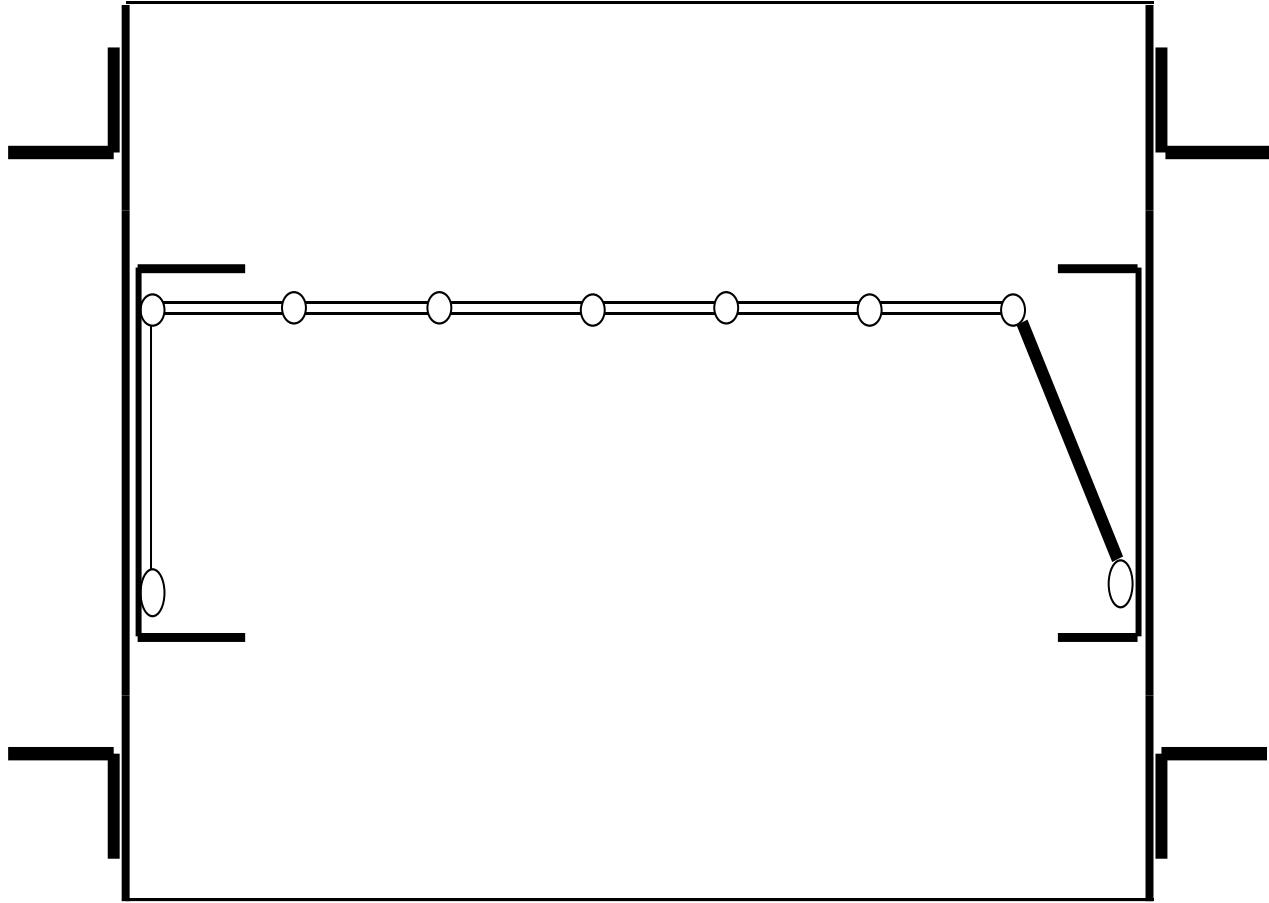
Mounting

Horizontal or Vertical





MODEL WB-FDV WALL MOUNTED FIRE DAMPER
CLOSED POSITION



FIRE DAMPER - CURTAIN TYPE

MODEL : WB - FDV Vertical mounted

MODEL : WB - FDH Horizontal mounted

Certificate Of Conformity



PSB Singapore

CERTIFICATE OF CONFORMITY

No. CLS1B 17 04 80936 009

Initial No. CLS1B 14 07 80936 006

Certificate Holder: Wong Brothers Pte Ltd
7 Toa Payoh Industrial Park #01-1245
Singapore 319059
SINGAPORE

Certification Mark:



Product: Fire Dampers

Brand Name: Wong Brothers

Model(s): WB-FDV

Product Details: Integrity: 240mins
Galvanised steel vertical curtain blade
fire damper mounted within masonry wall
Max Size: 750mm(w) x 1000mm(h) for single module;
3000mm x 3000mm for 4(w) x 3(h) modules

Standard(s): SS 333:2012 Cl 6.3, 6.4, 6.5

Country of Origin: Malaysia, Singapore

Test Report(s): See CoC Appendix (1pg)

Issued on: 2017-04-20

Valid until: 2019-01-14

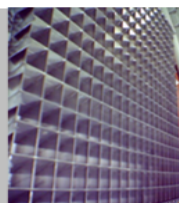
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Vice-President (Certification Department)
TÜV SÜD PSB

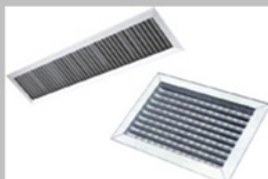




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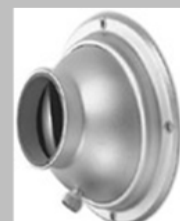
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It's not just about superficial aesthetics, it's about a perfect unison of form, function and reliability



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