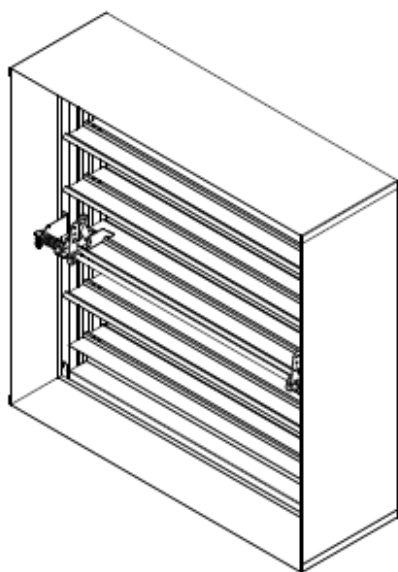
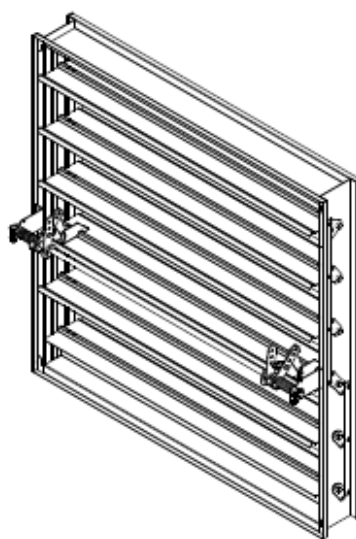


Fire Damper of Blade

FDB Series



Sleeve (optional)選配型



No Sleeve (Standard)標準型

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電話:02-22328066 傳真:02-22310285

UL Listed
UL 555 Listing : R2619
(EMME)



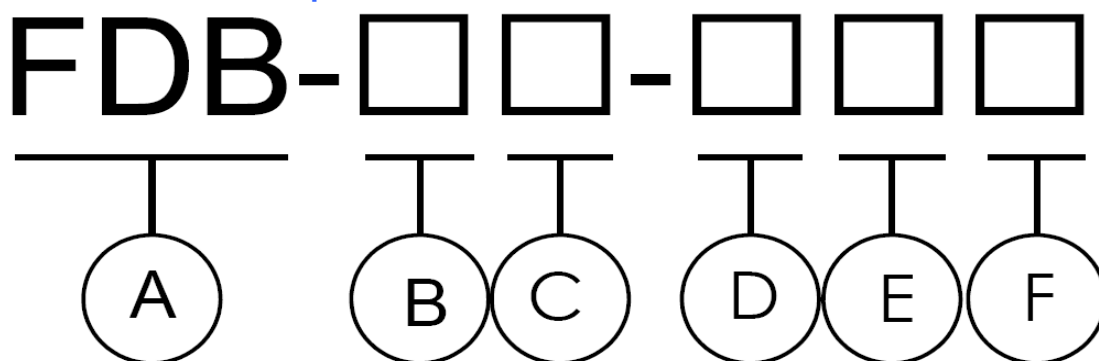
APPLICATION

Model **FDB-3V** is a multi-blade fire damper with triple-Vee blades. The **FDB-3V** has been qualified to **2000 fpm (10.2 m/s)** the dynamic closure Pressure Rating is **6 in-Wg (1.5 kPa)** in the duct, the Fire Resistance Rating is **3 hr**, It may be used for the fire wall, dividing wall (the brick wall or the gypsum board).

設計與應用

FDB-3V 為多葉式(3V 型)之防火風門，適用環境最大風速 **2,000 fpm (10.2 m/s)**、最大壓力 **6 in-w.g. (1.5 kPa)**、防火時效 **3 小時**，可垂直安裝在防火牆、分間牆區劃隔間(磚牆或石膏板牆)，亦可安裝於樓地板間之應用。

Model Description 型號說明



A. Product Type		E. Max Pressure	
FDB	Fire Damper of Blade	A	0.5 kPa (2 in-Wg)
B. Fire Rating		B	1.0 kPa (4 in-Wg)
1	1.5hr	C	1.5 kPa (6 in-Wg)
3	3.0hr	F. Temperature	
C. Mounting		A	74 °C (165°F) Operating
V	Vertical	B	100 °C (212°F) Operating
H	Horizontal	C	121 °C (250°F) Operating
D. Max Velocity		D	141 °C (285°F) Operating
1	10.2 m/s (2000 fpm)	E.	177 °C (350°F) Operating

Standard construction 標準結構

Frame: (123mm×23mm) galvanized steel hat channel with interlocking corner gusset.

Blades: (153mm×1.6mm) galvanized steel — triple — V.

Jackshaft: (12.7mm) diameter plated steel hex.

Linkage: Concealed in frame.

Bearings: Stainless steel oilite, sleeve-type.

Fusible Link Closure Temperature: 165°F、212°F、250°F、285°F、350°F

Minimum Size: 12" × 8" (305mm×203mm)

Maximum Size: 36" × 36" (914mm×914mm)

框架：(123mm×23mm)，鍍鋅鋼材的帽型溝槽，使用嵌入式結合。

葉片：(153mm×1.6mm) 葉片形式採 3V 型。

中心軸：ø12.7mm 鍍鋅圓軸。

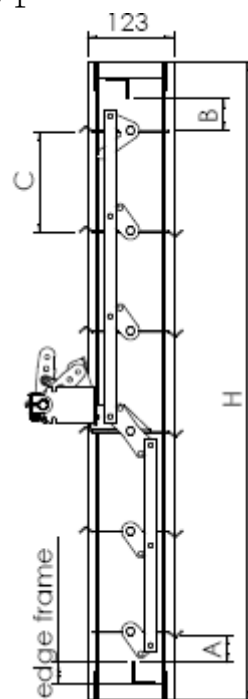
連接桿：隱藏於框架內。

軸承：材質為不銹鋼。

熔絲片關斷溫度：74°C、100°C、121°C、141°C、177°C

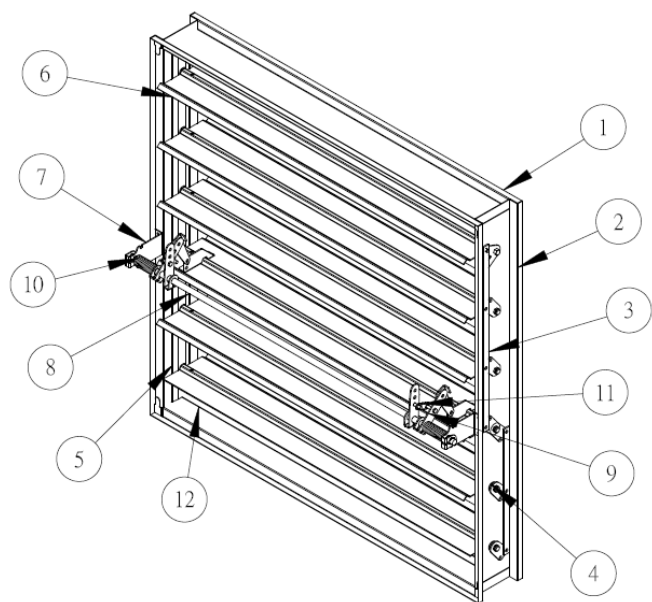
最小尺寸：12" × 8" (305mm×203mm)

最大尺寸：36" × 36" (914mm×914mm)



閘門零件圖 Component

ITEM	NAME
1	Top & Down Frame(框架上&下)
2	Side Frame(側邊框架)
3	Concealed Linkage(連桿組)
4	Bearing(六角軸套)
5	Jumb Seal(不銹鋼氣密側封條)
6	Blade(葉片)
7	Clip Shaft Base(挾持式固定座)
8	Jackshaft(軸心)
9	Joint(膝關節組)
10	Spring(彈簧)
11	Fusible Link(熔絲片)
12	Block Frame(擋板)



Options

☐ Factory installed:

☐ No Sleeve (Standard) ☐ Sleeve

☐ Factory installed sleeve:

Gauge: ☐ #16 (1.6mm)

Length: ☐ 12"(305mm) ☐ 16"(406mm)

☐ Fusible Link:

☐ 165°F ☐ 212°F ☐ 250°F ☐ 285°F ☐ 350°F

配件選擇

☐ 工廠安裝選項:

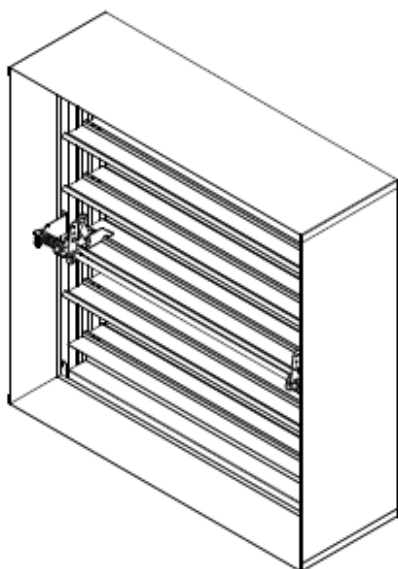
☐ 無套管(標準型) ☐ 套管型

☐ 工廠安裝 Sleeve 選項:

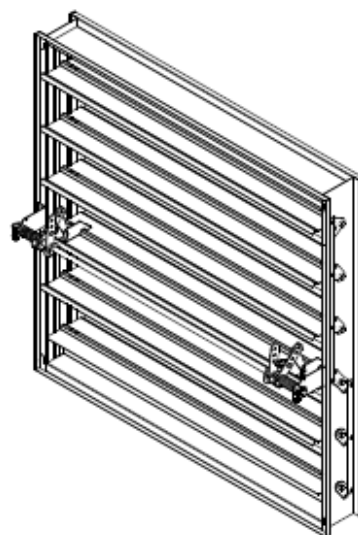
板厚: ☐ #16 (1.6mm)

深度: ☐ 12"(305mm) ☐ 16"(406mm)

☐ 熔絲片: ☐ 74°C ☐ 100°C ☐ 121°C ☐ 141°C ☐ 177°C



☐ Sleeve (optional) 選配型



☐ No Sleeve (Standard) 標準型



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