

**MODEL BRFL-D-4**

**BLAST RESISTANT 4" FIXED LOUVER**

**STANDARD CONSTRUCTION:**

(welded assembly)

**FRAME:**

0.125" [3.18mm] Extruded 6063T5 Aluminum, 4.25" [107.95mm] Deep

**BLADES:**

0.125" [3.18mm] Extruded 6063T5 Aluminum positioned on a 37° angle on approximately 2.88" [73.15mm] centers

**BLADE BRACES:**

Placed 30" [762mm] max o.c.

**SCREEN**

0.50" [12.70mm] x 0.050" [1.3mm] Flattened Aluminum in removable frame. Screen is mounted as standard on inside (rear) as looking from exterior of building.

**FINISH:**

Mill Aluminum (Std)

**MINIMUM SIZE:**

12"w [304.8mm] x 12"h [304.8mm]

**MAXIMUM SIZE:**

Factory Assembled 60"w [1524mm] x 120"h [3048mm]

TESTED IN ACCORDANCE WITH  
ASTM F 2927-12  
  
DAMAGE RATING: I  
(UNDAMAGED)  
Minimal Deflection, No breakage

**FEATURES**

Withstands up to 8.97 psi peak pressure and an impulse of 40 psi-ms.

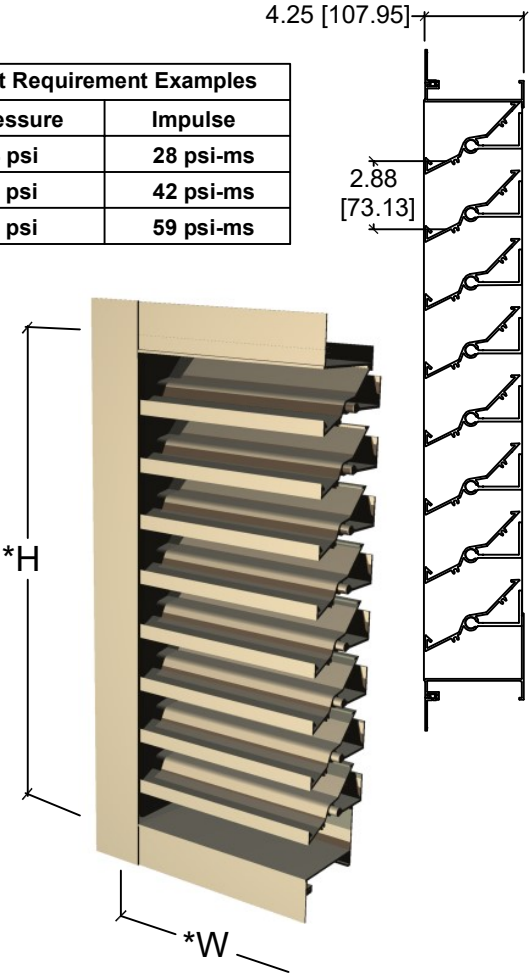
**OPTIONS:**

- Insect Screen (Other Screens Available, See Screen Page)
- Filter Racks (no screen)
- Security Bars

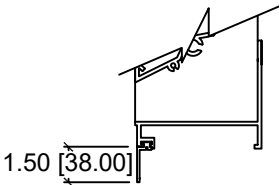
**AVAILABLE FINISHES:**

- Powder Polyester TGIC (2 coats) baked on at 410°F, 2.5 to 3.5 mils Meets AAMA-2603 Standards**
- Powder Super durable polyester (2 coats) baked on at 410°F, 2.5 to 3.5 mils Meets AAMA-2604-05 Standards**
- Acrylic baked enamel (ACRA-BOND® ULTRA) by AkzoNobel baked on at 350°F, 0.8 to 1.2 mils dry Meets AAMA-2603 Standards**
- Kynar® (ALUM\*A\*STAR®) 2 coats by AkzoNobel baked on at 450°F, 1.2 to 1.6 mils dry Meets AAMA-2604-05 Standards**
- Kynar 500® or HYLAR® 5000 70% TRINAR® (2 coats) by AkzoNobel baked on at 450°F, 1.2 to 1.6 mils dry, Meets AAMA-2605-05 Standards**
- Kynar 500® or HYLAR® 5000 (70% Tri-Escent II) (2 coats) by AkzoNobel, a superior finish to other metallic or anodized finishes. A blend of mica, ceramic, and inorganic pigments creates subtle yet dazzling design that goes beyond metallic color without the requirement of a clear coat. 14 standard colors - custom colors available. Baked on at 415°F, 1.4 to 1.8 mils dry, meets AAMA 2605-05.**
- Clear Anodize 204 R-1 Class II (AA-C22A31)(0.4 to 0.7 mil)**
- Clear Anodize 215 R-1 Class I (AA-C22A41)(>0.7 mil)**
- Integral Color Anodize (AA-C22A42)(>0.7 mil)**
  - Clear coat available for all above finishes.
  - Hylar® 5000 is a registered trademark of Solvay Solexis, Inc.
  - Kynar® 500 is a registered trademark of Arkema.
  - ALUM\*A\*STAR® 50 and TRINAR® are registered trademarks of AkzoNobel
  - ACRA-BOND® ULTRA is a registered trademark of AkzoNobel

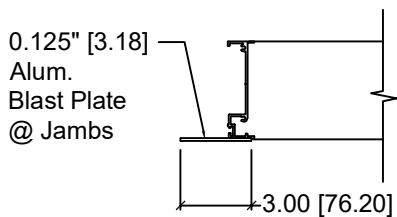
Blast Requirement Examples	
Pressure	Impulse
4 psi	28 psi-ms
6 psi	42 psi-ms
8 psi	59 psi-ms



\*Width and Height dimensions are approximately 1/4" [6.35mm] under listed size. (See dwg. no. A-2 for water penetration, pressure drop, and free area data)



**HEAD/SILL DETAIL**



**JAMB DETAIL**

Due to continuing research, United Enertech reserves the right to change specifications without notice.

		3005 South Hickory Street Chattanooga, Tennessee 37407 Tel: (423) 698-7715 Fax: (423) 698-6629 www.unitedenertech.com			
		<b>MODEL BRFL-D-4 (Drainable Blast Resistant Louver)</b>			
DRAWN BY: MHM	DATE: 3-4-13	REV. DATE: 9-18-13	REV. NO. 3	APPROVED BY: CLJ	DWG. NO.: <b>A-24c</b>