

# MODEL 653XPDC

## STANDARD CONSTRUCTION

- **Material:** Extruded Aluminum 6063-T6
- **Frame:** 6" (152 mm) Deep, 0.081" / 0.125" (2.1 / 3.2 mm) Wall Thickness
- **Blade:** 6" (152 mm) Deep, 0.081" (2.1 mm) Wall Thickness
- **Blade Spacing:** 4.25" (108.0 mm) On Center

## OPTIONAL ACCESSORIES

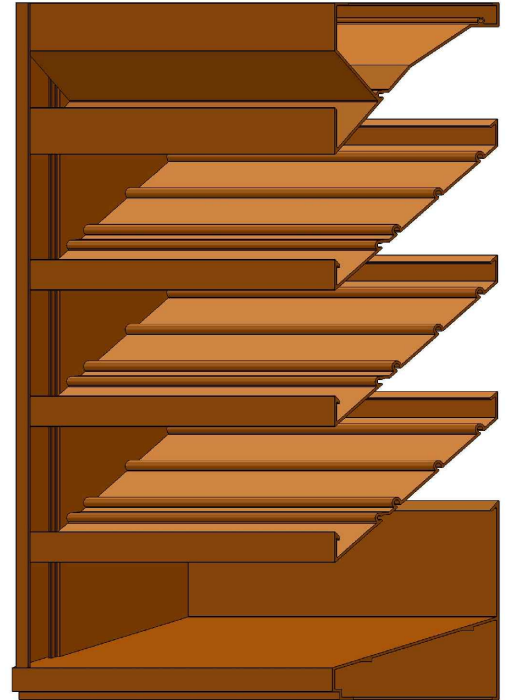
- Bird Screen - 1/2" x 0.063" Flattened Expanded Aluminum
- Insect Screen - 18 x 14 Mesh Charcoal Aluminum
- Sill Flashing
- Insulated & Non-Insulated Blank Off Panels
- Flanged & Glazing Frames
- Visible Mullions
- Invisible Mullions for Continuous Blade Appearance
- Hinged Access Panels

## FINISHES

- **2-Coat Fluoropolymer:** Fluropon Pure<sup>®</sup> 70% PVDF (AAMA 2605)\*
- **3-Coat Fluoropolymer:** Fluropon Pure<sup>®</sup> 70% PVDF (AAMA 2605)\*
- **Anodic Finishes:** Class I & Class II, Clear & Bronze Spectrum
- **Prime Coat:** Recommended When Field Painting
  - \*Fluropon Pure<sup>®</sup> is Living Building Challenge Red List Free
  - \*Custom Colors Available

## SUGGESTED SPECIFICATIONS

- **General:** Furnish and install where indicated on drawings  
6" (152 mm) Impact Resistant Louver Model 653XPDC as manufactured by Industrial Louvers, Inc. Delano, MN.
- **Material:** Extruded aluminum frames and blades shall be one piece 6063-T6 alloy, designed to collect and drain water to the exterior at the sill by means of integral gutters in the blades and jamb frames. Bottom and top frame shall have a material thickness of 0.081" (2.1 mm). Side frame shall have a material thickness of 0.125" (3.2 mm). Fixed blades shall have a material thickness of 0.081" (2.1 mm). Frames and blades shall be joined by stainless steel fasteners, and frame will be caulked to prevent water penetration to interior wall construction.



REV: MARCH 2019



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## PERFORMANCE

- Free Area = 8.77 ft<sup>2</sup> (54.8%)
  - Beginning of Water Penetration = 1193 fpm / 10,462 cfm
  - Air Flow @ ΔP of 0.15" Water = 964 fpm / 8484 cfm
- \*All Ratings Based on 48" x 48" Test Specimen

## STRUCTURAL AND IMPACT TESTING

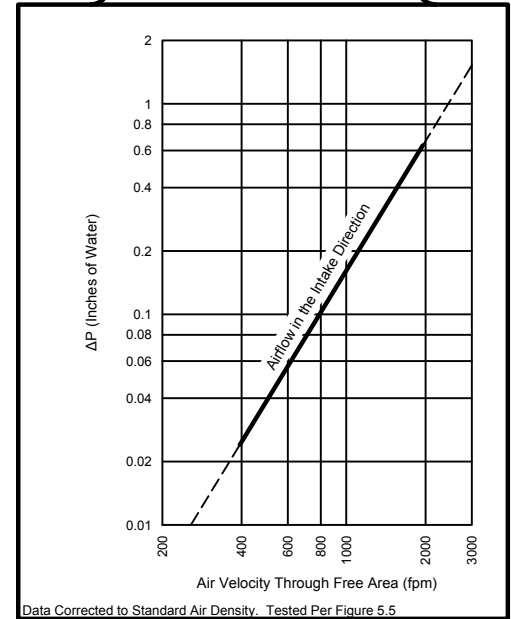
- TAS-201 Large Missile Impact
- TAS-202 Uniform Static Pressure
- TAS-203 Cyclic Pressure

FREE AREA (ft<sup>2</sup>)

Louver Height	120 in	5.17	11.38	17.59	23.80	30.01	36.21
	108 in	4.65	10.23	15.81	21.39	26.97	32.55
	96 in	4.13	9.08	14.03	18.98	23.93	28.89
	84 in	3.60	7.93	12.25	16.58	20.90	25.22
	72 in	3.08	6.78	10.47	14.17	17.86	21.56
	60 in	2.56	5.62	8.69	11.76	14.83	17.90
	48 in	1.91	4.19	6.48	8.77	11.05	13.34
	36 in	1.38	3.04	4.70	6.36	8.02	9.67
	24 in	0.86	1.89	2.92	3.95	4.98	6.01
	12 in	0.34	0.74	1.14	1.54	1.95	2.35
Louver Width	12 in	24 in	36 in	48 in	60 in	72 in	

- Effects of blade stiffeners or additional bracing has not been considered.
- Effects of screen or other accessories has not been considered.
- Contact Industrial Louvers for free area of other sizes.
- 1 in = 25.4 mm
- 10.76 ft<sup>2</sup> = 1 m<sup>2</sup>

AIR PERFORMANCE



Industrial Louvers, Inc. certifies that the Model 653XPDC shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Ratings Seal applies to air performance ratings and water penetration ratings.  
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www.IndustrialLouvers.com  
ilinfo@IndustrialLouvers.com

511 South 7th Street, Delano MN 55328  
Tel: 763.972.2981 | Fax: 763.972.2911



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- **Blade Spacing:** 4.25" (108.0 mm) On Center

## OPTIONAL ACCESSORIES - Mark All Required Options

- Bird Screen - 1/2" x 0.063" Flattened Expanded Aluminum
- Insect Screen - 18 x 14 Mesh Charcoal Aluminum
- Sill Flashing
- Insulated & Non-Insulated Blank Off Panels
- Flanged & Glazing Frames
- Visible Mullions
- Invisible Mullions for Continuous Blade Appearance
- Hinged Access Panels

## FINISHES - Select One

- **2-Coat Fluoropolymer:** Fluoron Pure® 70% PVDF (AAMA 2605)\*
  - **3-Coat Fluoropolymer:** Fluoron Pure® 70% PVDF (AAMA 2605)\*
  - **Anodic Finishes:** Class I & Class II, Clear & Bronze Spectrum
  - **Prime Coat:** Recommended When Field Painting
  - **Mill Finish:** Bare Aluminum
- \*Fluoron Pure® is Living Building Challenge Red List Free  
\*Custom Colors Available

Mark	Qty	Circle One: Louver Size / Rough Opening		Mullion Type (IVM or VVM)	Num. of Sections	Notes
		Width	Height			

Please complete table above for quotation or immediate release to production. Indicate any required optional accessories and finishes listed above.

