



MODEL 653XPDC

STANDARD CONSTRUCTION

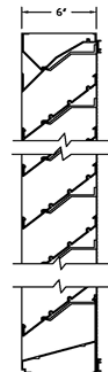
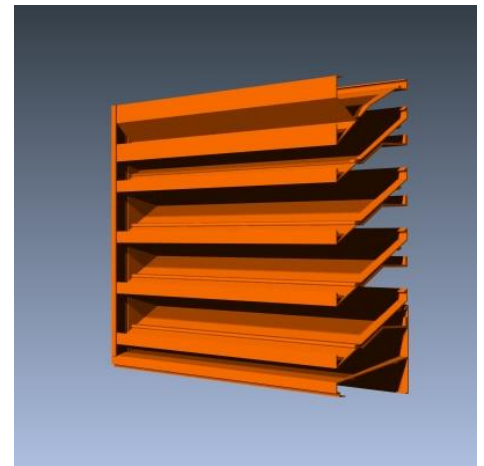
- **Material:** Extruded Aluminum 6063-T6
- **Frame (Head and Sill):** 6" (152mm) deep, .081" (2.1mm) nominal wall thickness
- **Frame (Jambs):** 6" (152mm) deep, .125" (3.18mm) nominal wall thickness
- **Blades:** 6" (152mm) deep, .081" (2.1mm) nominal wall thickness
- **Blade Spacing:** 4.25" (108mm) on center
- **Finish:** Mill

OPTIONAL ACCESSORIES

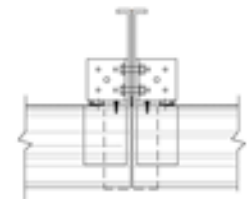
- Screen: 1/2" x .063" flattened expanded bird screen and/or 18 x 14 mesh charcoal insect screen.
- Extended Sill Flashing
- Insulated and Non-insulated Blank-off Panels
- Flanged & Glazing Frames of various sizes
- Sub-frames
- Invisible Mullions for continuous blade appearance

FINISHES

- **2 coat Fluoropolymer:** Kynar® 500 / Hylar® 5000 custom colors available in 70% PVDF (AAMA 2605) or 50% PVDF (AAMA 2604) formulas.
- **3 coat Fluoropolymer:** Kynar 500 / Hylar 5000 custom colors available in 70% PVDF (AAMA 2605) formulas.
- **Anodic finishes:** Class I and Class II in Clear, Light/Medium/Dark Bronze, Champagne, and Black.
- **Prime coat**



Vertical Section



Invisible Vertical Mullion



Plan View



Industrial Louvers, Inc. certifies that Model 653XPDC shown hereon 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. Hylar® and Kynar® are registered trademarks of Solvay Solexix, Inc. © 2015 Industrial Louvers. All rights reserved.



Qty.	Size:	Actual:	M.O. <input type="checkbox"/>	Mullion Type	No. of Sections	Notes
	Width	Height				
<input type="checkbox"/>	Sill flashing:			Project:		
<input type="checkbox"/>	Screen:			Location:		
<input type="checkbox"/>	Finish:			Architect:		
	Color:			Representative:		
<input type="checkbox"/>	Other:			Date:	Job #:	





MODEL 653XPDC

SUGGESTED SPECIFICATIONS

General: Furnish and install where indicated on drawings 6" (152mm) Dade County Hurricane 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. Head and sill frame shall have a material thickness of .081" (2.1mm) Jamb frame shall have a material thickness of .125" (3.18mm). Fixed blades shall have a material thickness of .081" (2.1mm). Frames and blades shall be joined by stainless steel mechanical fastener, and frame will be caulked to prevent water penetration to interior wall construction.

Performance

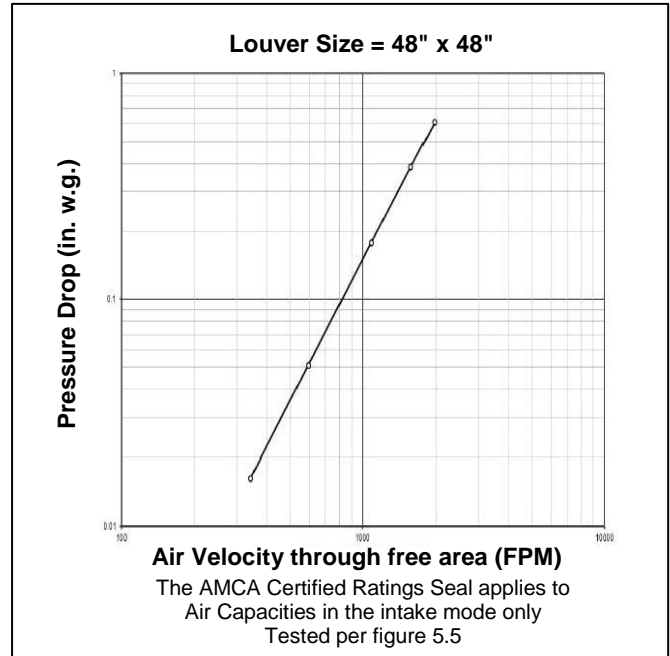
- Free area (4' x 4' louver) = 8.19 sq. ft. (51.4%)
- Free area velocity at point of beginning water penetration (.01 oz/sq. ft.) = 1131.8 fpm
- Pressure drop @ 1002 FPM velocity = .15" water
- Air volume @ 1002 FPM free area velocity = 8210 CFM

Dade County: The model 653XPDC has been tested in accordance with and passes the following Dade County (FBC) protocols:
 TAS-201: Large Missile Impact Test: Louver must prevent penetration of large missile simulating airborne debris during a hurricane.
 TAS-202: Uniform Static Air Pressure Test: Tests the louvers ability to withstand both positive and negative windloads as experienced during hurricane winds.
 TAS-203: Cycle Wind Pressure Test: The louver is tested to withstand a constant windload.

Free Area

Square Feet (Square Meters)							
Free Area AMCA Licensed for openings up to 72" x 120"							
For free area data for larger openings, contact factory.							
3048.0	0.45	1.00	1.54	2.09	2.63	2.98	
120	4.88	10.73	16.59	22.44	28.30	32.08	
2743.2	0.41	0.89	1.38	1.87	2.36	2.67	
108	4.37	9.62	14.86	20.11	25.36	28.74	
2438.4	0.36	0.79	1.22	1.65	2.08	2.36	
96	3.86	8.50	13.14	17.77	22.41	25.41	
2133.6	0.31	0.69	1.06	1.43	1.81	2.05	
84	3.36	7.38	11.41	15.44	19.47	22.07	
1828.8	0.26	0.58	0.90	1.22	1.54	1.74	
72	2.85	6.27	9.69	13.10	16.52	18.73	
1524	0.22	0.48	0.74	1.00	1.26	1.43	
60	2.34	5.15	7.96	10.77	13.58	15.39	
1219.2	0.17	0.36	0.56	0.76	0.96	1.09	
48	1.78	3.92	6.05	8.19	10.32	11.70	
914.4	0.12	0.26	0.40	0.54	0.69	0.78	
36	1.27	2.80	4.33	5.85	7.38	8.37	
609.6	0.07	0.16	0.24	0.33	0.41	0.47	
24	0.76	1.68	2.60	3.52	4.44	5.03	
304.8	0.02	0.05	0.08	0.11	0.14	0.16	
12	0.26	0.57	0.87	1.18	1.49	1.69	
H/W	304.8	609.6	914.4	1219	1524	1829	
	12	24	36	48	60	72	

Air Performance Chart



Water Penetration Chart

