



54 Audia Court, Unit 2
Concord, ON L4K 3N5
(905)-738-1400

Submittal 22-001-005

PROJECT NAME	PROJECT ADDRESS	DATE SUBMITTED
ENBRIDGE BLDG B 22-001	405 Eastern Ave, Toronto, ON, M4M 1B7	Jan 10, 2025

TO	FROM
Ananth Manigandan	INZAMAN KHAN
COMPANY	COMPANY
ROCHON BUILDING CORPORATION	Consult Mechanical Inc.
EMAIL	EMAIL
AManigandan@rochonbuildingcorp.com	inzaman@consultmechanical.com
ADDRESS	ADDRESS
74 INDUSTY STREET TORONTO, ON M6M 4L7	54 Audia Court, Unit 2 Concord, ON L4K 3N5

Title

Ground Floor Louvers

Description

Please note that Ventex colours Ivory V1020 & Charcoal V1022 cannot be provided with an anodized finish, as they are only available as powder coated finishes.

If an anodized finish is required Ventex offers standard options such as Clear, Black, Bronze - light / med / dark or Duranar finish to match. This will be extra to supply.

Engineers to confirm both size and colour for Ground Floor Louvers

Package Items

SPEC	SUBSECTION	ITEM	TYPE
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5 Sandhill Court, Unit C
Brampton, ON L6T 5J5
tel (905) 790-8667
fax (905) 790-3710
www.airex.ca

SHOP DRAWING PACKAGE COVER

Date: JANUARY 10 2025

Project Name: ENBRIDGE STATION B

Project Address: 405 EASTERN AVENUE
TORONTO, ONTARIO

TAG GROUND FLOOR LOUVRES

Contractor: CONSULT MECHANICAL

Engineer: WALTERFEDY ENGINEERING

Attention: INZAMAN KHAN

Enclosed are the submittal drawings for the above referenced project.
Please return one approved or corrected copy of each drawing.

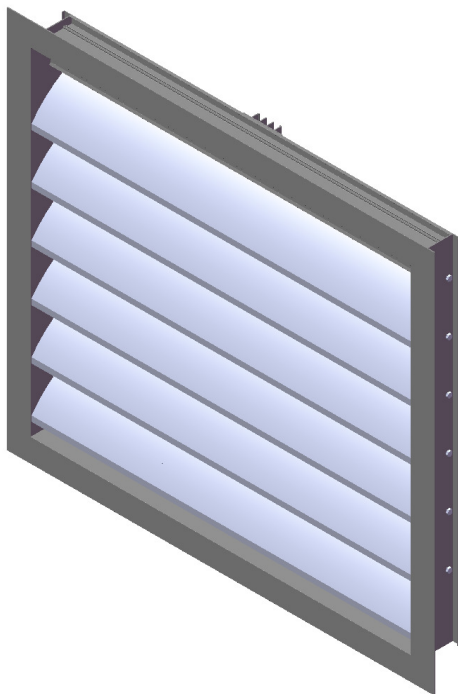
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Delivery:

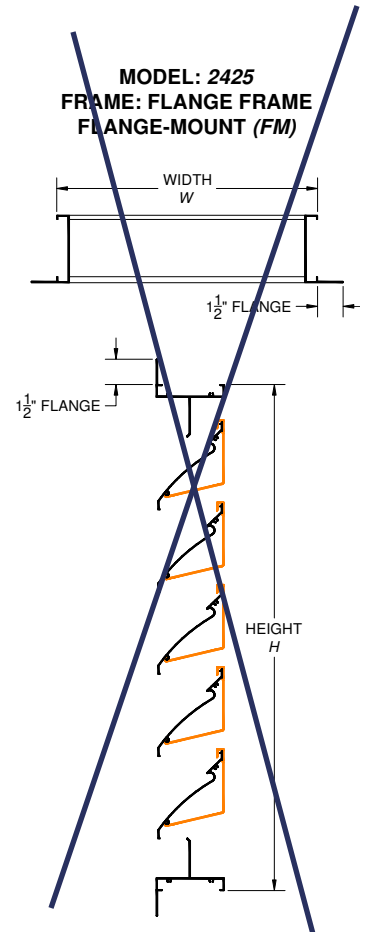
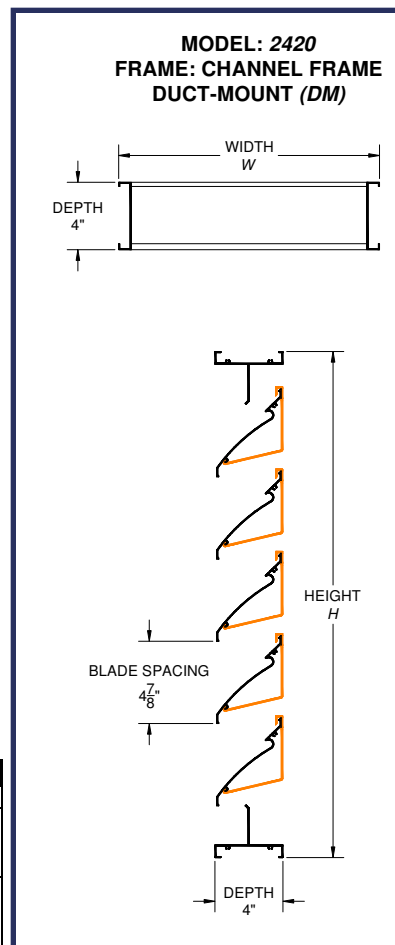
Airex Contact: Ed Morson

ed.morson@airex.ca

- Notes: ☐ For records only.
☐ Orders released to the factory upon receipt of approved shop drawings.
☒ Orders released to the factory upon receipt of approved shop drawings & authorization from the contractor to proceed.
☐ Orders released for fabrication at the request of the contractor.



PERFORMANCE			
LOUVER UNIT SIZE	TOTAL AREA	FREE AREA	FREE AREA
48" x 48"	16 ft ²	8.0 ft ²	50.0%
(1219 x 1219 mm)	(1.49 m ²)	(0.74 m ²)	
BEGINNING POINT OF WATER PENETRATION AT 0.01 oz./ft ² FREE AREA:			638 FPM



STANDARD CONSTRUCTION	
DEPTH:	4" (102 mm)
MATERIAL:	EXTRUDED ALUMINUM - 6063-T5 ALLOY
FRAME THICKNESS:	0.081" (2.06 mm)
BLADE THICKNESS:	0.081" (2.06 mm)
BLADE ANGLE:	45°
BLADE CENTRES:	4.875" (124 mm)
BIRDSCREEN:	19 GA. GALVANIZED BIRDSCREEN - 1/2" x 1/2" OPENINGS
FINISH:	MILL

SIZE LIMITATIONS: SINGLE SECTION LOUVER		
	MINIMUM	MAXIMUM
WIDTH	12" (305 mm)	72" (1829 mm)
HEIGHT	12" (305 mm)	120" (3048 mm)
AREA	1 ft ² (0.09 m ²)	60 ft ² (5.57 m ²)

*LOUVER WILL BE MANUFACTURED 1/4" (6.4 mm) SMALLER (SINGLE SECTION) AND 1/2" (12.7 mm) SMALLER (MULTIPLE SECTION) THAN GIVEN OPENING DIMENSIONS UNLESS OTHERWISE SPECIFIED

AVAILABLE ACCESSORIES		
FINISH: - BAKED ENAMEL FINISH - DURANAR FINISH - ANODIZED FINISH - CLEAR ANODIZED - LIGHT BRONZE - MEDIUM BRONZE - DARK BRONZE - BLACK ANODIZED - EXTENDED SILLS - SECURITY BARS - FILTER RACKS - STAINLESS STEEL FASTENERS - HINGED ACCESS DOORS - ALL WELDED CONSTRUCTION - CUSTOM GEOMETRIC SHAPES - MONUMENTAL CONSTRUCTION WITH HEAVY GAUGE MATERIAL - CONTINUOUS LINE CONSTRUCTION WITH HIDDEN MULLIONS TO PROVIDE AN UNINTERRUPTED APPEARANCE	SCREENS: - BIRDSCREEN 1/2" x 1/2" INTER CRIMPED ALUMINUM - ALUMINUM BIRDSCREEN WITH FRAME - INSECT SCREEN 18 x 14 MESH	BLANK-OFF PANELS (ALUMINUM): VARIOUS GAUGES - NON-INSULATED BLANK-OFF PANELS - INSULATED BLANK-OFF PANELS 1" (25.4 mm) INSULATION 2" (50.8 mm) INSULATION

TAG - GROUND FLOOR LOUVERS 7PCS

Aluminum Screen & Frame, Extended Sill, S.S. Fastners
No flanges

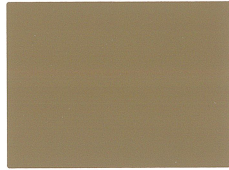
CONFIRM SIZES & COLOUR



IMPORTANT DISCLAIMER: THIS ON-LINE COLOUR CHART IS FOR REFERENCE ONLY AND SHOULD NOT BE USED FOR FINAL COLOUR MATCHING! COLOURS AND SHADES MAY VARY FROM ACTUAL COLOURS DUE TO COLOUR SETTINGS AND RESOLUTION OF YOUR COMPUTER SCREEN AND PRINTER OUTPUT. CONTACT VENTEX FOR ACTUAL COLOUR CHART OR COLOUR MATCHING.

COLOUR CHART

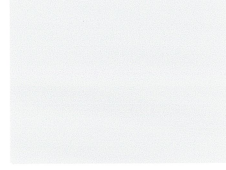
Powder Coat Finish
For Louvers & Penthouses



NORTHERN GOLD
V1155



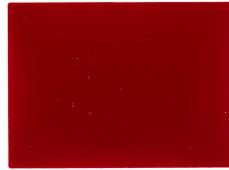
DRIFTWOOD WHITE
V1161



WHITE ICE
V1124



IVORY
V1020



BRICK RED
V1158



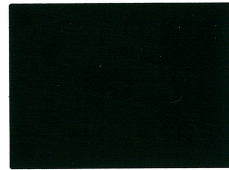
COCOA BROWN
V1287



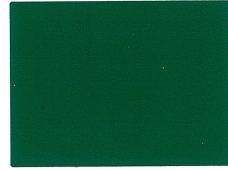
RAW HIDE
V1134



NATURAL BRICK
V1176



HARTFORD GREEN
V1197



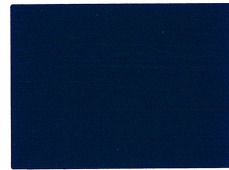
FOREST GREEN
V1137



COMMERCIAL BROWN
V1145



PACIFIC TURQUOISE
V1156



HERON BLUE
V1183



SLATE BLUE
V1141



STONE GREY
V1031



REGENT GREY
V1118



CHARCOAL
V1022



METRO BROWN
V1119



TAUPE
V1130



BEIGE
V1117

Colours shown may vary slightly from actual painted product.

In addition to the colours shown above, Ventex standard colours include standard RAL colours as well as the following (samples available upon request):

Clear Anodized	V1187
Light Bronze	V1180
Medium Bronze	V1178
Dark Bronze	V1395
Standard White	V1164
Standard Black	V1193

Above are powder coat finishes, not anodized.

Custom colours and colour matching available at extra cost.

VENTEX INC.

195 Healey Road, Bolton, ON L7E 5B2

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TOLL FREE PHONE: 1.800.668.7214

TOLL FREE FAX: 1.888.891.6504

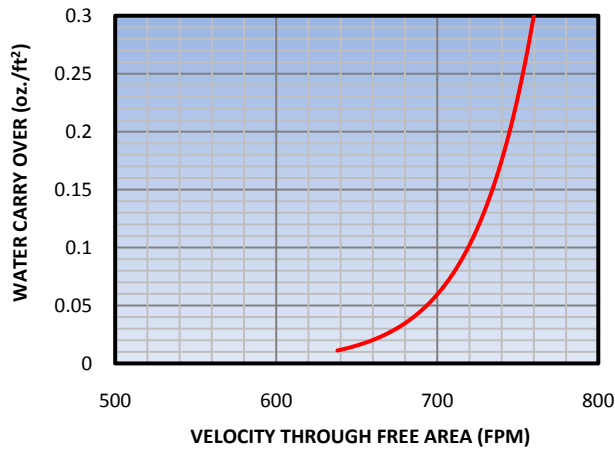
www.ventexinc.com

FREE AREA (Sq. Ft.)

	WIDTH (INCHES)															
	12	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72
HEIGHT (INCHES)	12	0.24	0.33	0.42	0.51	0.60	0.69	0.78	0.87	0.96	1.05	1.14	1.23	1.32	1.41	1.50
	16	0.42	0.58	0.74	0.90	1.06	1.21	1.37	1.53	1.69	1.85	2.01	2.17	2.33	2.49	2.65
	20	0.59	0.81	1.04	1.26	1.48	1.71	1.93	2.16	2.38	2.61	2.83	3.05	3.28	3.50	3.73
	24	0.76	1.06	1.35	1.64	1.93	2.22	2.51	2.80	3.09	3.39	3.68	3.97	4.26	4.55	4.84
	28	0.93	1.29	1.64	2.00	2.36	2.71	3.07	3.42	3.78	4.13	4.49	4.85	5.20	5.56	5.91
	32	1.09	1.50	1.92	2.33	2.75	3.16	3.58	3.99	4.41	4.82	5.24	5.65	6.07	6.48	6.90
	36	1.25	1.73	2.20	2.68	3.15	3.63	4.11	4.58	5.06	5.53	6.01	6.49	6.96	7.44	7.91
	40	1.44	1.99	2.54	3.09	3.64	4.19	4.74	5.29	5.84	6.39	6.94	7.49	8.04	8.59	9.14
	44	1.61	2.22	2.84	3.45	4.06	4.67	5.29	5.90	6.51	7.13	7.74	8.35	8.97	9.58	10.19
	48	2.00	2.67	3.33	4.01	4.67	5.33	6.02	6.67	7.33	8.00	8.67	9.33	10.01	10.67	11.34
	52	1.95	2.70	3.44	4.19	4.93	5.68	6.42	7.17	7.91	8.66	9.40	10.15	10.89	11.64	12.38
	56	2.11	2.92	3.72	4.53	5.33	6.13	6.94	7.74	8.55	9.35	10.16	10.96	11.77	12.57	13.38
	60	2.29	3.16	4.04	4.91	5.78	6.65	7.53	8.40	9.27	10.15	11.02	11.89	12.76	13.64	14.51
	64	2.46	3.40	4.34	5.27	6.21	7.15	8.09	9.02	9.96	10.90	11.84	12.77	13.71	14.65	15.59
	68	2.64	3.64	4.64	5.65	6.65	7.66	8.66	9.66	10.67	11.67	12.68	13.68	14.68	15.69	16.69
	72	2.81	3.88	4.95	6.02	7.09	8.16	9.23	10.30	11.37	12.44	13.51	14.58	15.65	16.72	17.79
	76	2.96	4.09	5.22	6.35	7.48	8.61	9.74	10.87	12.00	13.13	14.26	15.39	16.51	17.64	18.77
	80	3.12	4.31	5.50	6.69	7.88	9.07	10.26	11.45	12.63	13.82	15.01	16.20	17.39	18.58	19.77
	84	3.31	4.57	5.83	7.09	8.35	9.61	10.87	12.13	13.39	14.65	15.91	17.17	18.43	19.69	20.95
	88	3.48	4.81	6.13	7.46	8.78	10.11	11.43	12.76	14.09	15.41	16.74	18.06	19.39	20.71	22.04
	92	3.66	5.05	6.45	7.84	9.24	10.63	12.03	13.42	14.81	16.21	17.60	19.00	20.39	21.78	23.18
	96	3.83	5.29	6.75	8.21	9.67	11.13	12.58	14.04	15.50	16.96	18.42	19.88	21.34	22.80	24.26
	100	3.99	5.51	7.03	8.54	10.06	11.58	13.10	14.62	16.14	17.66	19.18	20.70	22.22	23.73	25.25
	104	4.16	5.75	7.34	8.92	10.51	12.09	13.68	15.27	16.85	18.44	20.02	21.61	23.20	24.78	26.37
	108	4.33	5.98	7.64	9.29	10.94	12.59	14.24	15.89	17.54	19.19	20.84	22.49	24.14	25.79	27.45
	112	4.51	6.22	7.94	9.66	11.38	13.09	14.81	16.53	18.25	19.96	21.68	23.40	25.11	26.83	28.55
	116	4.69	6.48	8.27	10.06	11.84	13.63	15.42	17.21	18.99	20.78	22.57	24.36	26.14	27.93	29.72
	120	4.84	6.68	8.53	10.37	12.21	14.06	15.90	17.74	19.59	21.43	23.28	25.12	26.96	28.81	30.65

WATER PENETRATION - 2420 / 2425

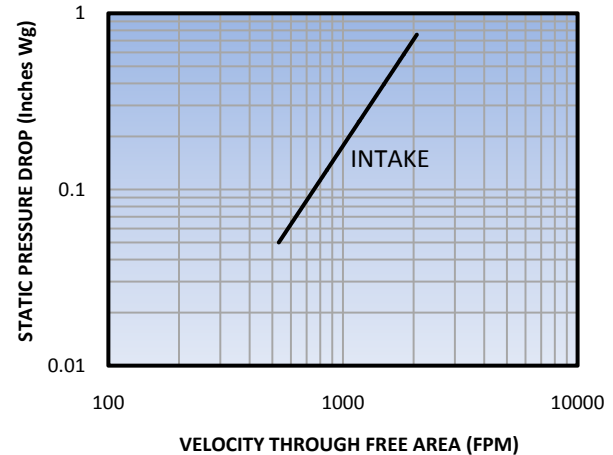
15 MINUTE DURATION, TEST SIZE 48" x 48"



BEGINNING POINT OF WATER PENETRATION AT 0.01 oz./ft² FREE AREA IS 638 FPM

PRESSURE DROP - 2420 / 2425

FIGURE 5.5, TEST SIZE 48" x 48"



*TEST RESULTS DO NOT INCLUDE THE EFFECTS OF BIRDSCREEN

RECOMMENDED SPECIFICATION

Furnish and install stationary louver models 2420 / 2425 as manufactured by Ventex Inc., Bolton, Ontario. Louvers must be licensed to bear the AMCA seal. Louvers shall be 4" (102 mm) deep. Blades shall be 0.081" (2.06 mm) extruded 6063-T5 aluminum alloy and frame shall be 0.081" (2.06 mm) extruded 6063-T5 aluminum alloy. Louvers shall have 19 gauge galvanized ½" x ½" birdscreen. All materials shall be factory finished after assembly with Polyester Power Coat in a color selected from the Ventex Color Chart.

CERTIFIED RATINGS

Ventex Inc. certifies that the models 2420 / 2425 shown here are 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 Certified Ratings Seal applies to air performance and water penetration ratings.

