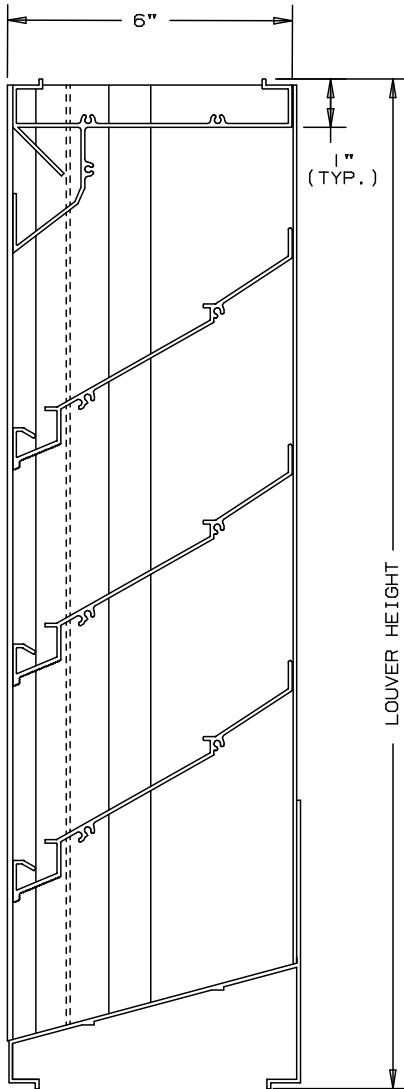


ARROW

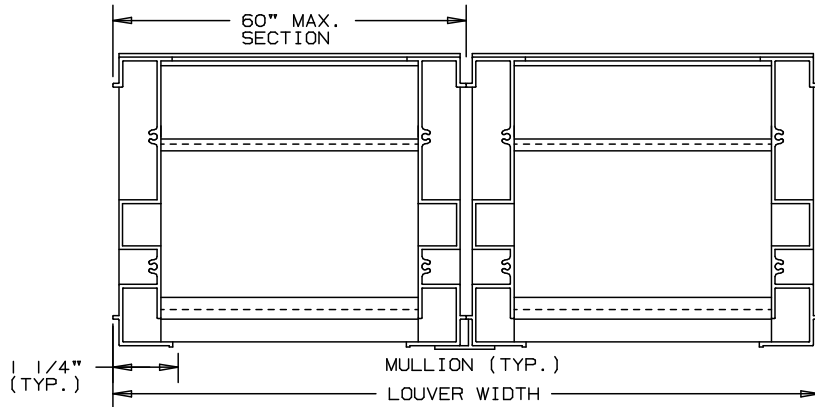
EXTRUDED ALUMINUM LOUVERS 6" DEEP

TYPE EA-615-D

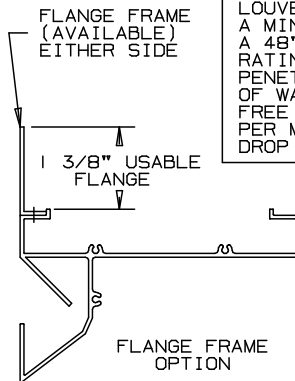
DRAIN BLADE-STATIONARY-CHANNEL TYPE



NOT TO SCALE



LOUVER HEIGHT



FLANGE FRAME
(AVAILABLE)
EITHER SIDE

FLANGE FRAME
OPTION

SPECIFICATIONS

MATERIAL: EXTRUDED ALUMINUM 6063-T6/T52 ALLOY
AVAILABLE IN .081" THK. AND .125" THK.
NOMINAL.

FACE OF LOUVER: FULL WIDTH SILL WITH HEAD AND BLADES
CONTAINED WITHIN JAMBS. APPROXIMATE
BLADE CENTERS 4 1/2".

SCREEN: (WHEN INDICATED, IN A REMOVABLE FRAME)
BIRD SCREEN - 1/2" FLATTENED ALUMINUM, .051" THK.
OR - 1/2" SQ. MESH INTERMEDIATE DOUBLE-
CRIMPED ALUMINUM WIRE, .063" DIA.
OR - 18/16 MESH, .011" DIA. ALUMINUM
WIRE INSECT SCREEN.

FINISH: _____

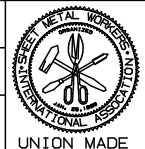
MINIMUM PANEL SIZE: 12" x 12"
MAXIMUM SINGLE PANEL SIZE: 60" x 96"

LOUVER PERFORMANCE STATEMENT

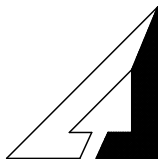
LOUVER MODEL EA-615-D SHALL BE FABRICATED TO PROVIDE
A MINIMUM OF (56%), 8.97 SQUARE FEET OF FREE AREA FOR
A 48" x 48" SIZE LOUVER AND BEAR THE AMCA CERTIFIED
RATINGS PROGRAM SEAL FOR AIR PERFORMANCE AND WATER
PENETRATION. THE RATINGS SHALL SHOW A BEGINNING POINT
OF WATER PENETRATION AT .01 OUNCES PER SQUARE FOOT
OF FREE AREA TO BE ABOVE 1250 FPM, (11,212) CUBIC FEET
PER MINUTE, WITH .12 INCHES WATER GAUGE PRESSURE
DROP AT 1000 FPM AIR INTAKE.

FOR CERTIFIED RATINGS
AUTHORIZED BY AMCA
-SEE REVERSE SIDE

NOMINAL DEDUCTIONS WILL BE MADE TO THE OPENING SIZE GIVEN.



ITEM	QTY.	WIDTH	HEIGHT	WIDTH	HEIGHT	MULL	TYPE	LOC
		OPENING SIZE		LOUVER SIZE				



ARROW UNITED INDUSTRIES
A DIVISION OF MESTEK, INC.

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AGENT: _____

ARCH./ENG.:

CONTR.:

PROJECT:

EDR:

ECN:

JOB:

DATE:

DWN.:

DWG.:

LOUVER MODEL EA-615-D

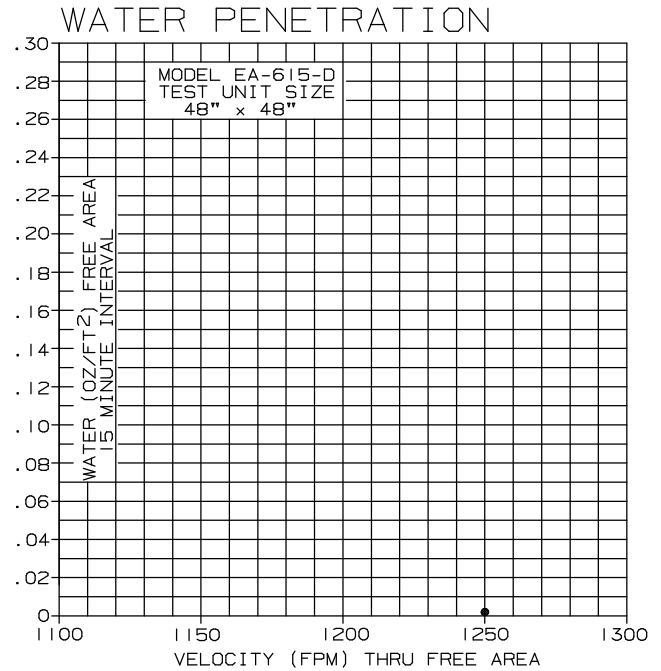
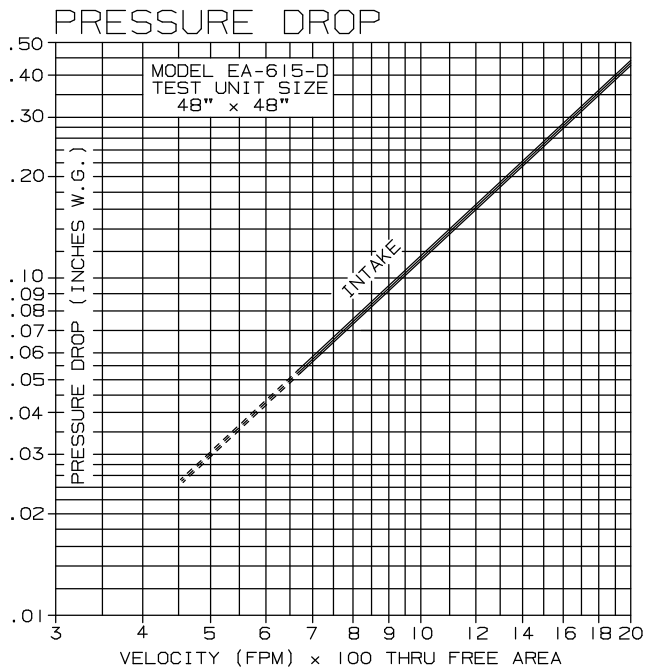
DRAIN LOUVERS

EXTRUDED ALUMINUM - STATIONARY

PERFORMANCE DATA

TESTS OF A 48" x 48" SAMPLE BY AN AMCA ACCREDITED LABORATORY ACCORDING TO AMCA STANDARD 500 SHOWS THE BEGINNING POINT OF WATER PENETRATION IS ABOVE 1250 FPM THROUGH THE FREE AREA OF THE LOUVER, WITH LESS THAN .12" W.G. PRESSURE DROP AT 1000 FPM (INTAKE).

RATINGS DO NOT INCLUDE EFFECTS OF BIRDSCREEN.



THE BEGINNING POINT OF WATER PENETRATION IS ABOVE 1250 FPM THROUGH THE FACE FREE AREA OF THE LOUVER.

* AMCA STANDARD 500 LIMITS TESTING OF WATER PENETRATION TO EITHER A MAXIMUM VELOCITY OF 1250 FPM OR 2.5 OUNCES OF WATER PER SQUARE FOOT OF LOUVER FREE AREA.



FREE AREA

HEIGHT	FREE AREA (SQ. FT.)								
	WIDTH								
	12"	18"	24"	30"	36"	42"	48"	54"	60"
12"	.25	.41	.57	.72	.88	1.04	1.20	1.36	1.51
24"	.78	1.27	1.76	2.25	2.74	3.23	3.72	4.21	4.70
36"	1.29	2.11	2.92	3.74	4.55	5.37	6.18	7.00	7.81
48"	1.83	2.99	4.15	5.31	6.47	7.62	8.97	9.94	11.10
60"	2.36	3.85	5.34	6.83	8.32	9.81	11.30	12.79	14.28
72"	2.87	4.69	6.50	8.32	10.13	11.95	13.76	15.58	17.39
84"	3.42	5.57	7.73	9.89	12.05	14.21	16.36	18.52	20.68
96"	3.94	6.43	8.92	11.41	13.90	16.39	18.88	21.37	23.86

ARROW UNITED CERTIFIES THAT THE MODEL EA-615-D SHOWN HEREIN IS LICENSED TO BEAR THE AMCA SEAL. THE RATINGS SHOWN ARE BASED ON TESTS AND PROCEDURES PERFORMED IN ACCORDANCE WITH THE 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.

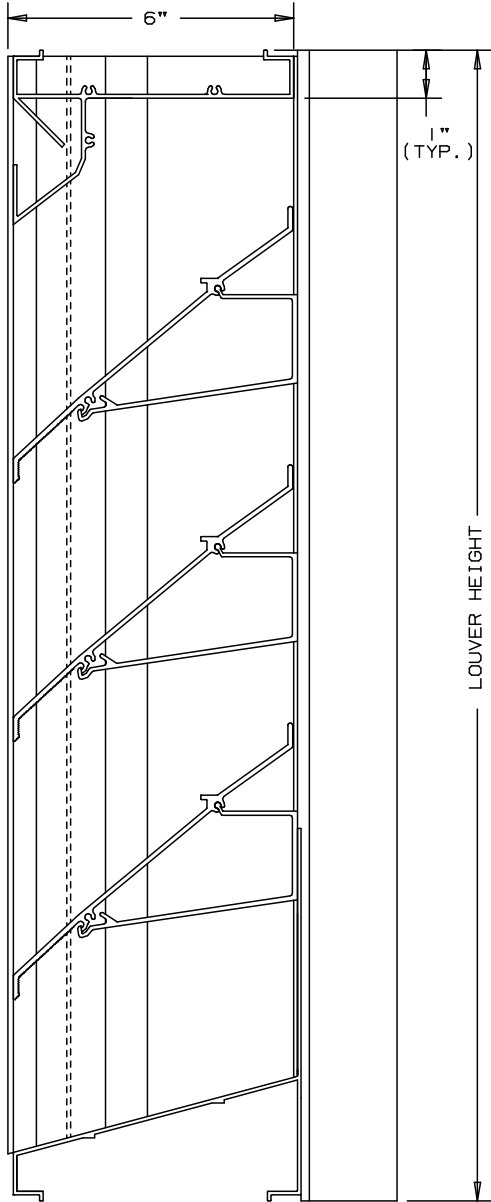
* AMCA ACCREDITED LABORATORY IS A LABORATORY EQUIPPED AND STAFFED TO CONDUCT TESTS ACCORDING TO THE APPROPRIATE AMCA TEST METHOD AND WHICH HAS BEEN LICENSED AS A AMCA ACCREDITED LABORATORY.

ARROW

EXTRUDED ALUMINUM LOUVERS CONTINUOUS LINE

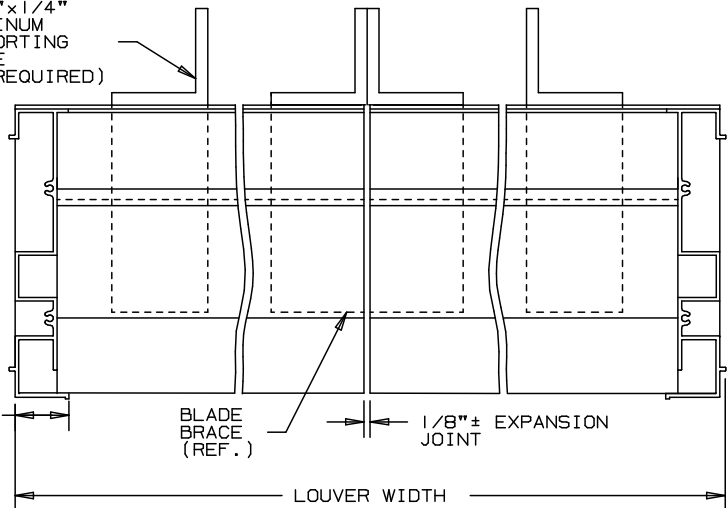
TYPE EA-605

45° BLADE-STATIONARY-CHANNEL TYPE



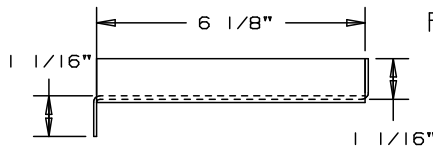
NOT TO SCALE

2"x2"x1/4"
ALUMINUM
SUPPORTING
ANGLE
(AS REQUIRED)



SPECIFICATIONS

MATERIAL: EXTRUDED ALUMINUM 6063-T6/T52 ALLOY
 FRAMES: .081" THK. (NOMINAL)
 .125" THK. (NOMINAL), AVAILABLE.
 BLADES: .125" THK. (NOMINAL)
 FACE OF LOUVER: FULL WIDTH SILL WITH HEAD AND BLADES
 CONTAINED WITHIN THE JAMBS.
 APPROXIMATE BLADE CENTERS 5 3/8".
 SCREEN: (WHEN INDICATED, IN A REMOVABLE FRAME)
 BIRD SCREEN - 1/2" FLATTENED ALUMINUM, .051" THK.
 OR - 1/2" SQ. MESH INTERMEDIATE DOUBLE-
 CRIMPED ALUMINUM WIRE, .063" DIA.
 OR - 18/16 MESH, .011" DIA. ALUMINUM
 WIRE INSECT SCREEN.
 FINISH: _____
 LOUVERS SHALL WITHSTAND A WINDLOAD OF 20 PSF.
 CONSULT FACTORY TO SUBSTITUTE OTHER LOAD REQUIREMENTS.



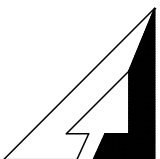
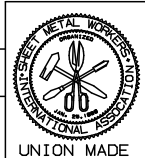
DRAIN PAN DETAIL

• A DRAIN PAN WILL BE PROVIDED
 FOR HIDDEN MULLION ARCHITECTURAL
 CONSTRUCTION FOR MULTI-SECTIONS IN
 WIDTH (AS SHOWN ABOVE)

FOR CERTIFIED RATINGS
 AUTHORIZED BY AMCA
 -SEE CATALOG SHEET
 #891

NOMINAL DEDUCTIONS WILL BE MADE TO THE OPENING SIZES GIVEN.

ITEM	QTY.	WIDTH	HEIGHT	WIDTH	HEIGHT	MULL	TYPE	LOC
		OPENING SIZE		LOUVER SIZE				



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