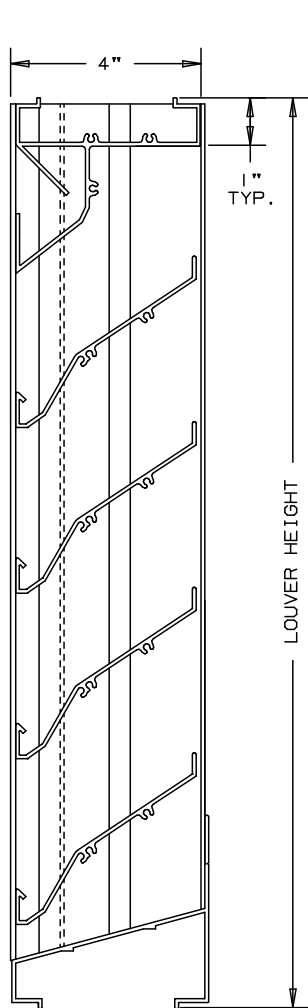


ARROW

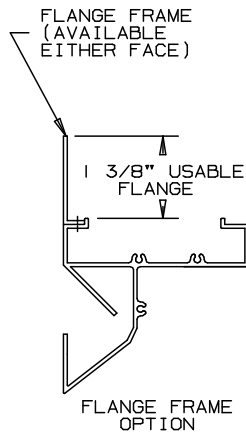
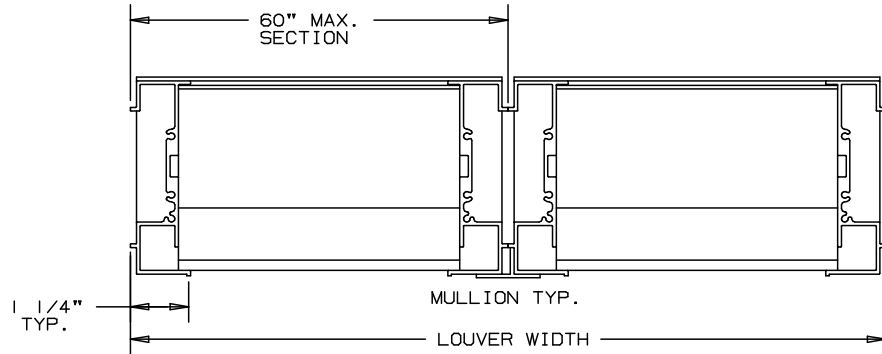
EXTRUDED ALUMINUM LOUVERS 4" DEEP

TYPE EA-415-D

37° DRAIN BLADE-STATIONARY-CHANNEL TYPE



NOT TO SCALE



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 3 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"

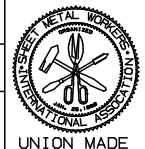
LOUVER PERFORMANCE STATEMENT

LOUVER MODEL EA-415-D SHALL BE FABRICATED TO PROVIDE
A MINIMUM OF (57%), 9.07 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 RATING SHALL SHOW A BEGINNING
POINT OF WATER PENETRATION AT .01 OUNCES PER SQUARE
FOOT OF FREE AREA AT A FREE AREA VELOCITY OF 929
FEET PER MINUTE, (8426) CUBIC FEET PER MINUTE, WITH
.11 INCHES WATER GAUGE PRESSURE DROP FOR 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	SCREENS	UNION MADE
		OPENING SIZE		LOUVER SIZE						



ARROW UNITED INDUSTRIES
A DIVISION OF MESTEK, INC.
450 RIVERSIDE DRIVE
WYALUSING, PA 18853
TEL: (570) 746-1888 FAX: (570) 746-9286
WEB ADDRESS: WWW.ARROWUNITED.COM

AGENT: _____

ARCH./ENG. : _____
 CONTR. : _____
 PROJECT : _____
 EDR : _____ ECN : _____ JOB : _____
 DATE : _____ DWN. : _____ DWG. : _____

LOUVER MODEL EA-415-D

37° DRAIN BLADE

EXTRUDED ALUMINUM - STATIONARY

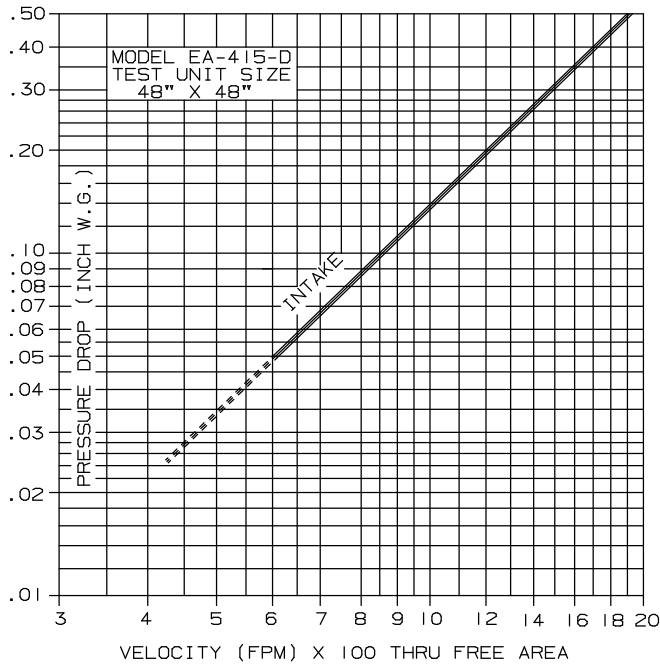
PERFORMANCE DATA

EXCELLENT WEATHER PROTECTION WITH LITTLE PRESSURE LOSS.

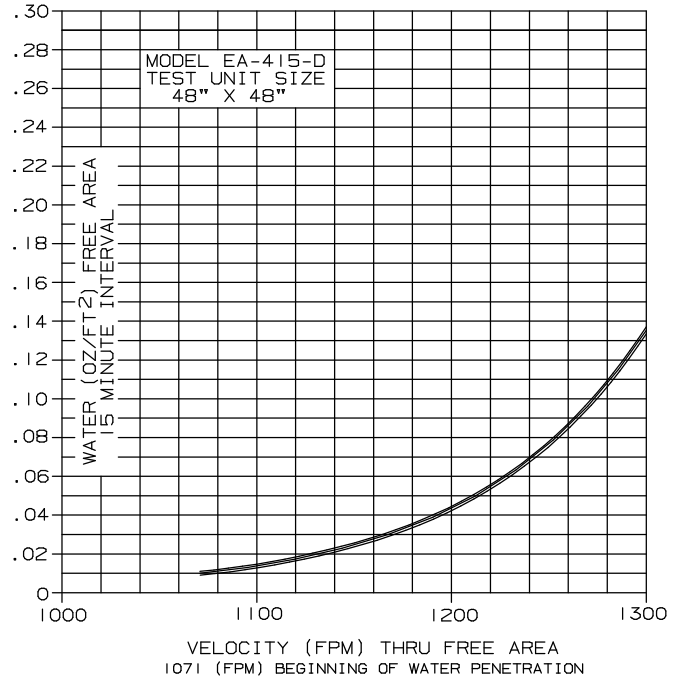
TESTS OF A 48" X 48" SAMPLE BY AN AMCA ACCREDITED LABORATORY ACCORDING TO AMCA STANDARD 500 SHOWS LOW WATER PENETRATION. TESTS SHOW LESS THAN .02 OZ. PER SQ. FT. WATER PENETRATION AT 1100 FPM (FREE AREA VELOCITY) WITH LESS THAN .18" W.G. PRESSURE DROP (INTAKE).

RATINGS DO NOT INCLUDE THE EFFECT OF BIRDSCREEN.

PRESSURE DROP



WATER PENETRATION



FREE AREA

HEIGHT	FREE AREA (SQ. FT.)								
	WIDTH								
	12"	18"	24"	30"	36"	42"	48"	54"	60"
12"	.33	.53	.74	.95	1.16	1.36	1.57	1.77	1.98
24"	.80	1.30	1.81	2.31	2.82	3.32	3.82	4.33	4.83
36"	1.26	2.05	2.84	3.64	4.43	5.23	6.02	6.81	7.61
48"	1.84	3.00	4.16	5.32	6.48	7.64	9.07	9.97	11.13
60"	2.25	3.68	5.10	6.52	7.95	9.37	10.79	12.21	13.64
72"	2.83	4.62	6.41	8.20	9.99	11.78	13.57	15.36	17.15
84"	3.29	5.37	7.45	9.53	11.61	13.69	15.77	17.85	19.93
96"	3.82	6.23	8.64	11.05	13.47	15.88	18.29	20.70	23.11



ARROW UNITED CERTIFIES THAT THE MODEL EA-415-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 TESTS METHOD AND WHICH HAS BEEN LICENSED AS A AMCA ACCREDITED LABORATORY.