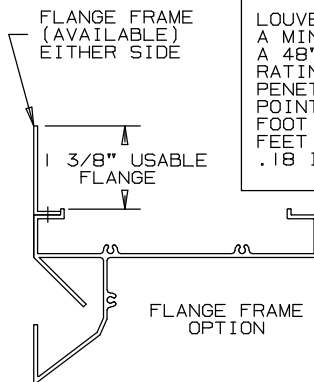
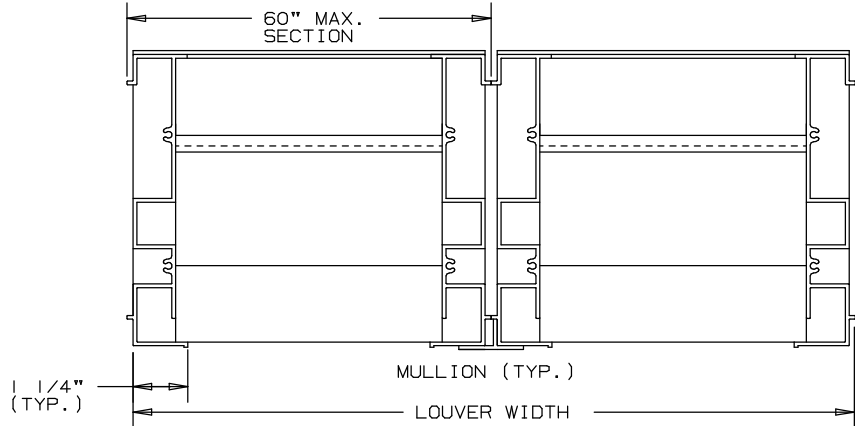
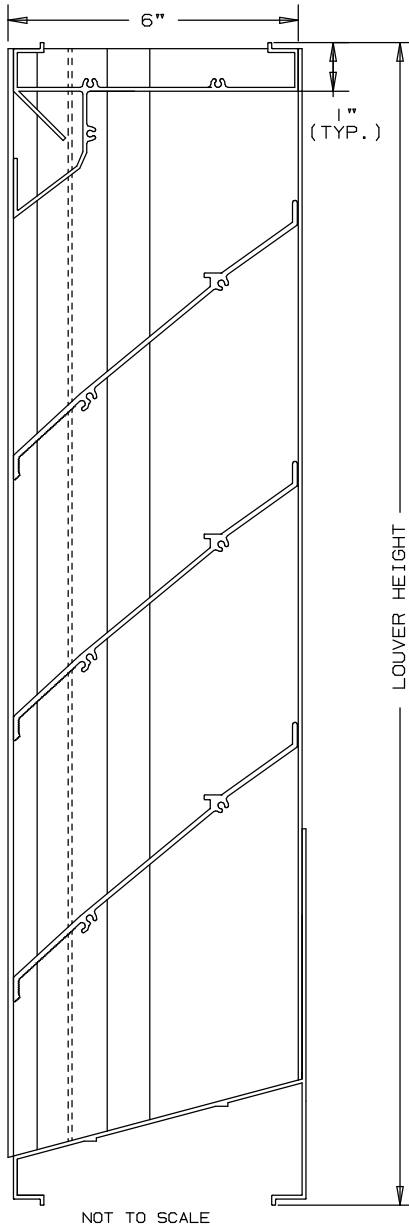


# ARROW EXTRUDED ALUMINUM LOUVERS 6" DEEP

# TYPE EA-605

## 45° BLADE-STATIONARY-CHANNEL TYPE



### SPECIFICATIONS

MATERIAL: EXTRUDED ALUMINUM 6063-T6/T52 ALLOY  
 FRAMES: .081" THK. (NOMINAL)  
 BLADES: .125" THK. (NOMINAL), AVAILABLE.  
 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: \_\_\_\_\_  
 MINIMUM PANEL SIZE: 12" x 12"  
 MAXIMUM SINGLE PANEL SIZE: 60" x 96"

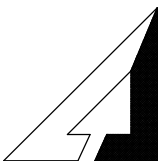
### LOUVER PERFORMANCE STATEMENT

LOUVER MODEL EA-605 SHALL BE FABRICATED TO PROVIDE A MINIMUM OF (55%), 8.73 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 1093 FEET PER MINUTE, (9541) CUBIC FEET PER MINUTE, WITH .18 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 SIZES GIVEN.

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



**ARROW UNITED INDUSTRIES**  
 A DIVISION OF MESTEK, INC.

314 RIVERSIDE DRIVE  
 WYALUSING, PA 18853

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AGENT: \_\_\_\_\_

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

# LOUVER MODEL EA-605

## 45° BLADE

### EXTRUDED ALUMINUM - STATIONARY

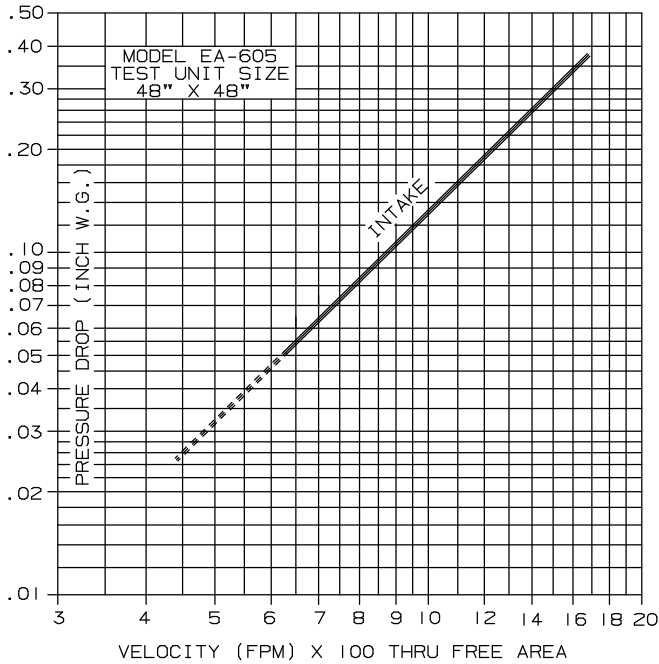
## PERFORMANCE DATA

EXCELLENT WEATHER PROTECTION WITH LITTLE PRESSURE LOSS.

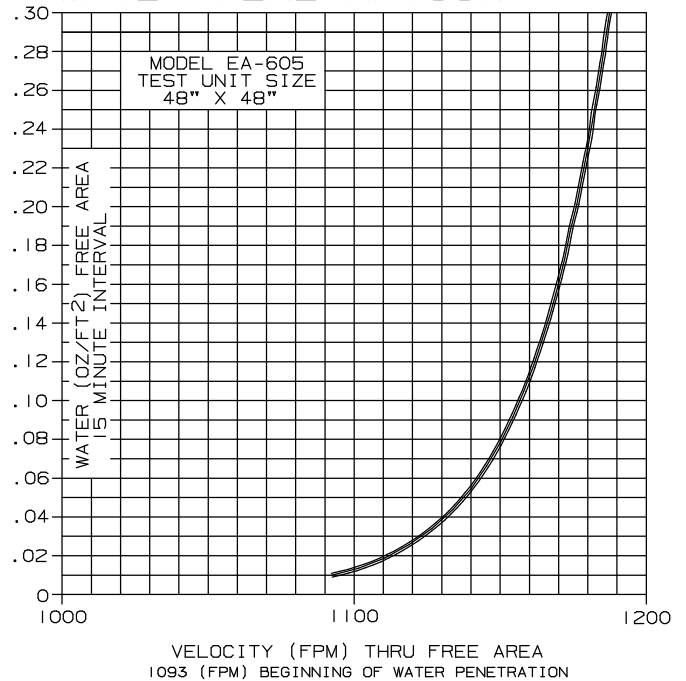
TESTS OF A 48" X 48" SAMPLE BY AN AMCA ACCREDITED LABORATORY ACCORDING TO AMCA STANDARD 500 SHOWS LOW WATER PENETRATION. TESTS SHOW LESS THAN .02 OZ. PER SQ. FT. WATER PENETRATION AT 1100 FPM (FREE AREA VELOCITY) WITH LESS THAN .16" W.G. PRESSURE DROP (INTAKE).

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"	.25	.41	.57	.73	.89	1.05	1.21	1.36	1.52
24"	.77	1.26	1.75	2.24	2.73	3.22	3.71	4.20	4.69
36"	1.29	2.10	2.92	3.73	4.55	5.36	6.18	6.99	7.81
48"	1.81	2.96	4.10	5.24	6.39	7.53	8.73	9.81	10.96
60"	2.36	3.85	5.34	6.83	8.32	9.81	11.30	12.79	14.28
72"	2.86	4.67	6.48	8.29	10.10	11.91	13.72	15.53	17.34
84"	3.38	5.51	7.64	9.77	11.91	14.04	16.17	18.30	20.44
96"	4.09	6.68	9.26	11.85	14.43	17.01	19.60	22.18	24.77



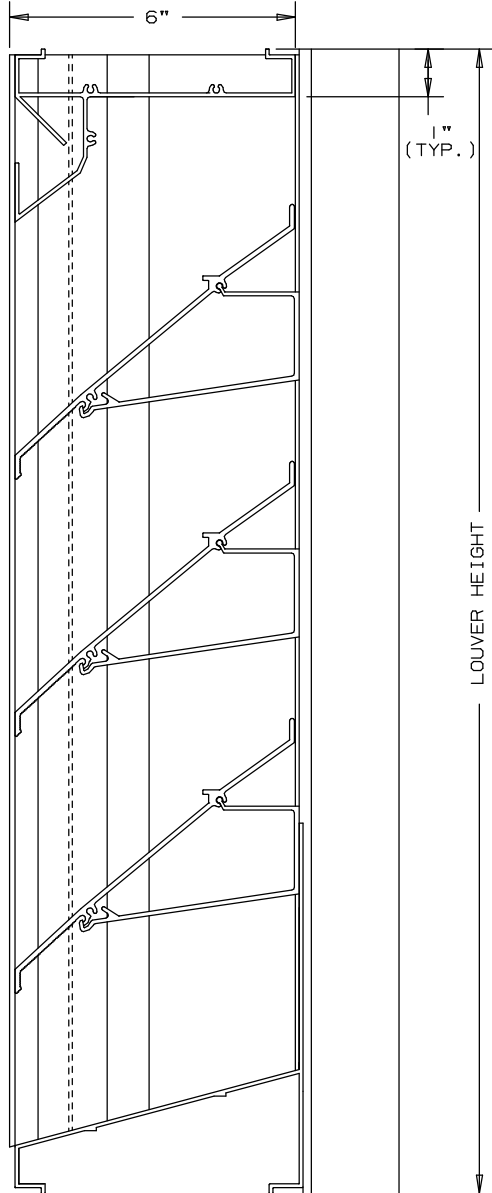
ARROW UNITED CERTIFIES THAT THE MODEL EA-605 SHOWN HEREIN IS LICENSED TO BEAR THE AMCA SEAL. THE RATINGS SHOWN ARE BASED ON TESTS AND PROCEDURES PERFORMED IN ACCORDANCE WITH THE AMCA PUBLICATION 511 AND COMPLY WITH THE REQUIREMENTS OF THE AMCA CERTIFIED RATINGS PROGRAM. THE AMCA CERTIFIED RATINGS SEAL 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.

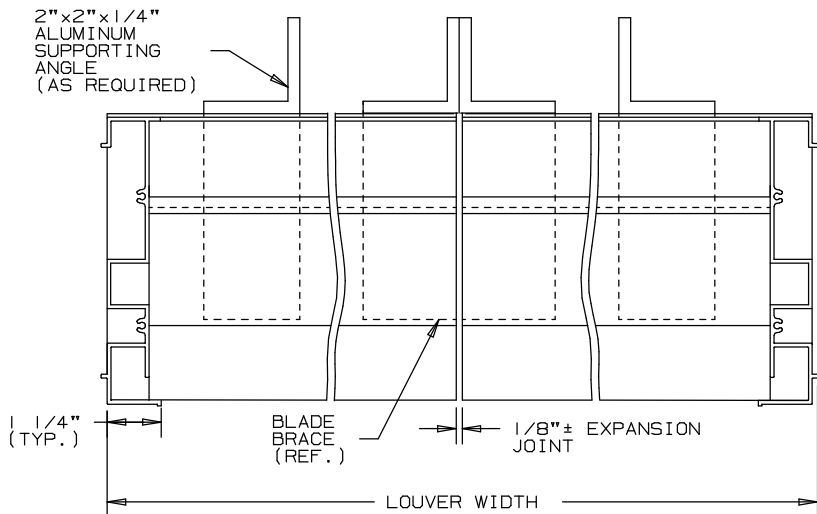
# ARROW EXTRUDED ALUMINUM LOUVERS CONTINUOUS LINE

# TYPE EA-605

## 45° BLADE-STATIONARY-CHANNEL TYPE

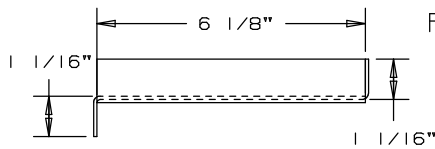


NOT TO SCALE



### 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.



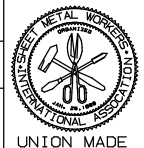
### DRAIN PAN DETAIL

• 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.	OPENING SIZE		LOUVER SIZE		MULL	SCREENS	
		WIDTH	HEIGHT	WIDTH	HEIGHT		TYPE	LOC



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 WEB ADDRESS: WWW.ARROWUNITED.COM

AGENT: \_\_\_\_\_

ARCH./ENG. : \_\_\_\_\_  
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 PROJECT : \_\_\_\_\_  
 EDR: \_\_\_\_\_ ECN: \_\_\_\_\_ JOB: \_\_\_\_\_  
 DATE: \_\_\_\_\_ DWN. : \_\_\_\_\_ DWG. : \_\_\_\_\_