ARROW EXTRUDED ALUMINUM LOUVERS 4" DEEP

45° DRAIN BLADE-STATIONARY-CHANNEL TYPE

SPECIFICATIONS

MATERIAL: EXTRUDED ALUMINUM 6063-T6/T52 ALLOY .061" THICKNESS (NOMINAL).

FACE OF LOUVER: FULL WIDTH SILL WITH HEAD AND BLADES CONTAINED WITHIN JAMBS. APPROXIMATE BLADE CENTERS 5".

SCREEN: (WHEN INDICATED, IN A REMOVABLE FRAME)
  BIRD SCREEN - 1/8" FLATTENED ALUMINUM .051" THK.
  OR - 1/2" SQ. MESH INTERMEDIATE DOUBLE-CRIMPED ALUMINUM WIRE .063" DIA.
  OR - 1/8/16 MESH .011" DIA. ALUMINUM WIRE INSECT SCREEN.

FINISH: 

MINIMUM PANEL SIZE: 12" x 12"
MAXIMUM SINGLE PANEL SIZE: 40 SQ. FEET SECTION SIZE.
LOUVER LARGER THAN THE MAXIMUM FACTORY ASSEMBLED SIZE WILL REQUIRE FIELD ASSEMBLY OF SMALLER LOUVER SECTIONS.

LOUVER PERFORMANCE STATEMENT

LOUVER MODEL EA-445-D SHALL BE FABRICATED TO PROVIDE A MINIMUM OF 15.12, B, 16 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 1021 FEET PER MINUTE. (6331) CUBIC FEET PER MINUTE. WITH .19 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 OPENING SIZES GIVEN.

ARROW UNITED INDUSTRIES
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ARCH./ENG.: 
CONTR.: 
PROJECT:
EDR: 
ECN: 
JOB: 
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DWB.: 
1082-FEBRUARY-2010-1
LOUVER MODEL EA-445-D
45° DRAIN BLADE
EXTRUDED ALUMINUM - STATIONARY

PERFORMANCE DATA
EXCELLENT WATER PROTECTION WITH LITTLE PRESSURE LOSS.
TESTS OF A 48"x48" SAMPLE BY AN AMCA ACCREDITED LABORATORY
ACCORDING TO AMCA STANDARD 500 SHOWS LOW WATER PENETRATION.
TESTS SHOW LESS THAN .01 OZ. PER 50 FT. WATER PENETRATION AT
1000 FPM (FREE AREA VELOCITY) WITH LESS THAN .19" W.G.
PRESSURE DROP AT 1000 FPM (INTAKE).
RATINGS DO NOT INCLUDE EFFECTS OF SPIGOTSCREEN.

FREE AREA

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ARROW UNITED CERTIFIES THAT THE MODEL EA-445-D
SHOWN HEREIN IS LICENSED TO BEAR THE AMCA SEAL.
THE RATINGS SHOWN ARE BASED ON TESTS AND PRO-
CEDURES PERFORMED IN ACCORDANCE WITH AMCA
PUBLICATION 511 AND COMPLY WITH THE REQUIRE-
MENTS OF THE AMCA CERTIFIED RATINGS PROGRAM.
THE AMCA CERTIFIED RATINGS SEAL APPLIES TO AIR PERFORMANCE
AND WATER PENETRATION RATINGS ONLY.

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