

ARCHITECTURAL LOUVERS



Models 1602J, 1604J, 1606J

Architectural J Blade

Model	FA%	Free Area	Water Penetration
1602J	45%	7.14 (0.66)	549 fpm (167 m/min)
1604J	54%	8.62 (0.80)	722 fpm (220 m/min)
1606J	51%	8.13 (0.76)	1029 fpm (314 m/min)

- Standard Performance
- High Free Area
- Low Pressure Drop
- Ideal for Specialty Shapes
- Suited for Ventilation, Exhaust and Low-Medium Velocity Intake
- Continuous Blade appearance with pleasing aesthetics; Hidden Mullions
- Optional Flanged or Glazing Adapter Frame, Extended Sill, Aluminum or SS Insect Screens, Variety of Std & High Performance Powder Coat Finishes, Clear or Color Anodized Finishes

Models 1604JD, 1606JD, 1604KD, 1606KD

Architectural Blade, Drainable Head

Model	FA%	Free Area	Water Penetration
1604JD	54%	8.57 (0.80)	961 fpm (293 m/min)
1606JD	47%	7.45 (0.69)	1250 fpm (381 m/min)
1604KD	47%	7.51 (0.70)	892 fpm (272 m/min)
1606KD	50%	7.93 (0.74)	1017 fpm (310 m/min)

- AMCA Licensed
- Standard Performance
- Ideal for Architectural applications where water penetration is a concern
- Suited for Ventilation, Exhaust and Low-Medium Velocity Intake
- Pleasing aesthetics with weather protection; Visible Mullions
- Optional Flanged or Glazing Adapter Frame, Extended Sill, Aluminum or SS Insect Screens, Variety of Std & High Performance Powder Coat Finishes, Clear or Color Anodized Finishes

Models 1600PHM, 1600PHB

Mitered & Box Corner Penthouse

STANDARD CONSTRUCTION:	
Blades	Type 6063-T6 extruded alum., .080" (2.03) nom. wall thickness, see below
Blade Support Angles	1 1/2" x 2" (38 x 51) on max. 60" (1524) centers
Roof	Alum. sheet .080" (2.03) nom. wall thickness
Roof Support Angles	1 1/2" x 2" x 1/4" (38 x 51 x 6) [as required]
Bird Screen	3/4" x .051 (19 x 1.3) expanded, flattened alum.

- 1600PHM (Mitered) Available in louver styles: 1604J, 1604Y, 1604KD, 1606J & 1606KD
- 1600PHB (Box) Available in louver styles: 1604J, 1604Y, 1604KD, 1604D, 1604DD, 1604DHP, 1605WD, 1606WD, 1606J, 1606KD, 1606D, 1606DHP & 1606DD
- Optional Alum. or SS Insect Screens, Variety of Std & High Performance Powder Coat Finishes, Clear or Color Anodized Finishes

Model 1604ESJ

Vision / Equipment Screen

STANDARD CONSTRUCTION:	
Blades	Type 6063-T6 extruded alum., .080" (2.03) nom. wall thickness, see below
Blade Angle	Approx. 37 1/2 degrees
Blade Spacing	4" (102) on centers
Blade Support Angles	1 1/2" x 2" (38 x 51) on max. 60" (1524) centers
Min Size	12" x 12" (305 x 305)
Max Single Section Size	120" x 84" (3048 x 2134) or 84" x 120" (2134 x 3048). Larger screens will be shipped in sections for field assembly.

- 4" (104) Deep Inverted J Blade
- Designed to withstand 25 psf wind load
- Optional Box or Mitered Corners, Alum. or SS Insect Screens, Variety of Std & High Performance Powder Coat Finishes, Clear or Color Anodized Finishes

Most Nailor Louver Models

Specialty Shapes

CIRCULAR & SEMI-CIRCULAR	
CA Circle	CFC Arch Custom
CB Semi-Circle	CFE Arch Equilateral
CC 1/4 Circle - L	CG Oval
CD 1/4 Circle - R	CH Arch 1/4 Circle - L
CE Arch Semi-Circle	CJ Arch 1/4 Circle - R

TRIANGULAR & TRAPEZOIDAL	
TA Triangle Isosceles	TG Diamond/Rhom.
TB Arch Gable	TH Trapezoid
TC Triangle RA - L	TJ Octagon
TD Triangle RA - R	TK Corner - L
TE Quadrilateral - L	TL Corner - R
TF Quadrilateral - R	

- Variety of Blade Depths & Styles
- The use of Drainable or Wind-Driven Rain models not recommended
- Optional Flanged Frame, Extended Sill, Aluminum or SS Insect Screens, Variety of Std & High Performance Powder Coat Finishes, Clear or Color Anodized Finishes

As a general Rule of Thumb:

- Intake louvers should be sized to achieve \approx 400 fpm
- Exhaust louvers should be sized to achieve \approx 500 fpm

For the most up to date information, go to
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