

**AIR PERFORMANCE INC.  
CATALOG #AP1002 REV. 2  
SEPTEMBER 2014**

**2DB45-CF DRAINABLE STATIONARY LOUVER W/CHANNEL FRAME**

**STANDARD CONSTRUCTION**

**FRAME**

2" deep, 6063-T5 extruded aluminum.  
.063" nominal wall thickness.

**BLADES**

6063-T5 extruded aluminum.  
.063" nominal wall thickness.  
Blades are positioned at a 45° angle

**SCREEN**

3/4" x .051" thick, flattened expanded metal,  
aluminum bird screen in removable frame.  
Screen will add approximately 1/2" to the depth of the louver.

**FINISH**

Mill

**MINIMUM LOUVER SIZE**

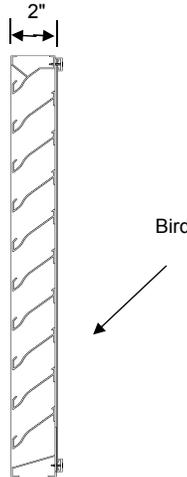
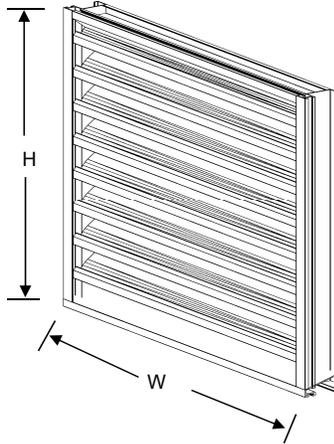
12"w x 12"h

**MAXIMUM LOUVER SIZE**

70 sq. ft. per section  
Single section size not to exceed 120"w x 84"h  
or 84"w x 120"h.  
Louvers exceeding maximum single section  
size will be built in multiple sections and require  
field assembly.

**BLADE BRACE SUPPORT ANGLES**

Depending on louver size, windload or other  
special requirements, louvers will have rear  
mounted blade support angles that will increase  
overall depth of the louver.



**STANDARD FEATURES**

- Aluminum construction providing high resistance to corrosion.
- All welded construction for strength and durability.
- 54% Free Area. (Based on 48" x 48" Unit)
- Drainable head collects and channels water to drainable jamb to provide excellent water penetration performance.
- Drainable blade channels water to drainable jamb minimizing water cascade between the blades.
- Hidden mullions allow for continuous blade appearance up to 120".

**OPTIONS AVAILABLE**

Options available at additional cost include:

- Sill Extension/Head Flashing.
- Hinged Frame/ Channel Subframe.
- Security Bars.
- Filter Rack.
- Bird/Insect screens. (See Screen Submittal)
- Blank-off Panels. (Standard or insulated)

**FINISHES**

- Baked Enamel.
- Kynar.
- Prime coat.
- Clear and Color Anodized. (Some variation in Anodized color consistency is possible)
- Clear and Color Anodized. (Some variation in Anodized color consistency is possible)

**Contact Air Performance for any additional information or special requirements**

**Note: Louvers built 1/4" smaller than opening size given.**

QTY	OPENING SIZE (inches)		OPTIONS	TAG
	WIDTH (W)	HEIGHT (H)		

PROJECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

LOCATION: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

DATE: \_\_\_\_\_

ARCHITECT/ENGR: \_\_\_\_\_

**4Z375-CF STATIONARY LOUVER W/CHANNEL FRAME**

**STANDARD CONSTRUCTION**

**FRAME**

4" deep, 6063-T5 extruded aluminum.  
.081" nominal wall thickness.

**BLADES**

6063-T5 extruded aluminum.  
.081" nominal wall thickness.  
Blades are positioned at a 37.5° angle and spaced on approximately 5.062" centers.

**SCREEN**

3/4" x .051" thick, flattened expanded metal, aluminum bird screen in removable frame.  
Screen will add approximately 1/2" to the depth of the louver.

**FINISH**

Mill

**MINIMUM LOUVER SIZE**

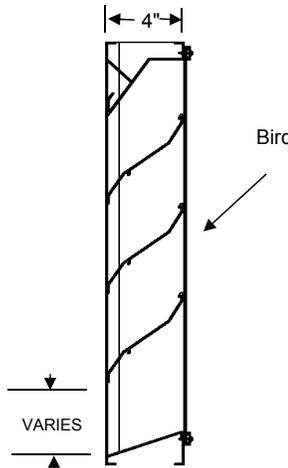
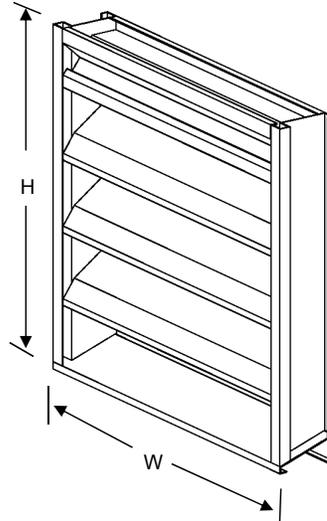
12"w x 12"h

**MAXIMUM LOUVER SIZE**

70 sq. ft. per section  
Single section size not to exceed 120"w x 84"h or 84"w x 120"h.  
Louvers exceeding maximum single section size will be built in multiple sections and require field assembly.

**BLADE BRACE SUPPORT ANGLES**

Depending on louver size, windload or other special requirements, louvers will have rear mounted blade support angles that will increase overall depth of the louver.



**STANDARD FEATURES**

- Aluminum construction providing high resistance to corrosion.
- All welded construction for strength and durability.
- 54% Free Area.(Based on 48" x 48" Unit)
- Published performance ratings data based on testing in accordance with AMCA Publication 511
- Drainable head collects and channels water to drainable jamb to provide excellent water penetration performance.
- Hidden mullions allow for continuous blade appearance up to 120".

**OPTIONS AVAILABLE**

Options available at additional cost include:

- Sill Extension/Head Flashing.
- Hinged Frame/ Channel Subframe.
- Security Bars.
- Filter Rack.
- Bird/Insect screens. (See Screen Submittal)
- Blank-off Panels. (Standard or insulated)

**FINISHES**

- Baked Enamel.
- Kynar.
- Prime coat.
- Clear and Color Anodized. (Some variation in Anodized color consistency is possible)

**Contact Air Performance for any additional information or special requirements**

**Note: Louvers built 1/4" smaller than opening size given.**

QTY	OPENING SIZE (inches)		OPTIONS	TAG
	WIDTH (W)	HEIGHT (H)		

PROJECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

LOCATION: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

DATE: \_\_\_\_\_

ARCHITECT/ENGR: \_\_\_\_\_

**4Z375-FF STATIONARY LOUVER W/FLANGE FRAME**

**STANDARD CONSTRUCTION**

**FRAME**

4" deep, 6063-T5 extruded aluminum.  
.081" nominal wall thickness.

**BLADES**

6063-T5 extruded aluminum.  
.081" nominal wall thickness.  
Blades are positioned at a 37.5° angle and spaced on approximately 5.062" centers.

**SCREEN**

3/4" x .051" thick, flattened expanded metal, aluminum bird screen in removable frame.  
Screen will add approximately 1/2" to the depth of the louver.

**FINISH**

Mill

**MINIMUM LOUVER SIZE**

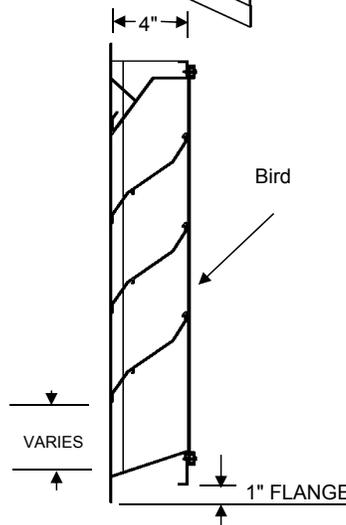
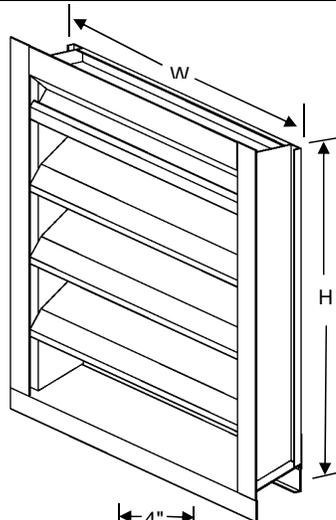
12"w x 12"h

**MAXIMUM LOUVER SIZE**

70 sq. ft. per section  
Single section size not to exceed 120"w x 84"h or 84"w x 120"h.  
Louvers exceeding maximum single section size will be built in multiple sections and require field assembly.

**BLADE BRACE SUPPORT ANGLES**

Depending on louver size, windload or other special requirements, louvers will have rear mounted blade support angles that will increase overall depth of the louver.



**STANDARD FEATURES**

- Aluminum construction providing high resistance to corrosion.
- All welded construction for strength and durability.
- 54% Free Area.(Based on 48" x 48" Unit)
- Published performance ratings data based on testing in accordance with AMCA Publication 511
- Drainable head collects and channels water to drainable jamb to provide excellent water penetration performance.
- Hidden mullions allow for continuous blade appearance up to 120".

**OPTIONS AVAILABLE**

Options available at additional cost include:

- Sill Extension/Head Flashing.
- Hinged Frame/ Channel Subframe.
- Security Bars.
- Filter Rack.
- Bird/Insect screens. (See Screen Submittal)
- Blank-off Panels. (Standard or insulated)

**FINISHES**

- Baked Enamel.
- Kynar.
- Prime coat.
- Clear and Color Anodized. (Some variation in Anodized color consistency is possible)

**Contact Air Performance for any additional information or special requirements**

**Note: Louvers built 1/4" smaller than opening size given.**

QTY	OPENING SIZE (inches)		OPTIONS	TAG
	WIDTH (W)	HEIGHT (H)		

PROJECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

LOCATION: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

DATE: \_\_\_\_\_

ARCHITECT/ENGR: \_\_\_\_\_

**4D375-CF DRAINABLE STATIONARY LOUVER W/CHANNEL FRAME**

**STANDARD CONSTRUCTION**

**FRAME**

4" deep, 6063-T5 extruded aluminum.  
.081" nominal wall thickness.

**BLADES**

6063-T5 extruded aluminum.  
.081" nominal wall thickness.  
Blades are positioned at a 37.5° angle and spaced on approximately 5.062" centers.

**SCREEN**

3/4" x .051" thick, flattened expanded metal, aluminum bird screen in removable frame.  
Screen will add approximately 1/2" to the depth of the louver.

**FINISH**

Mill

**MINIMUM LOUVER SIZE**

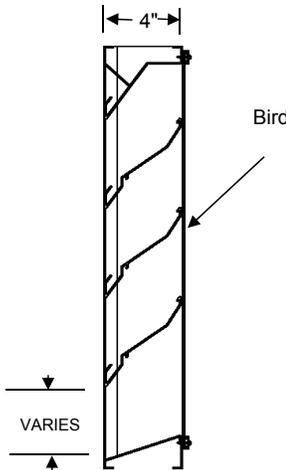
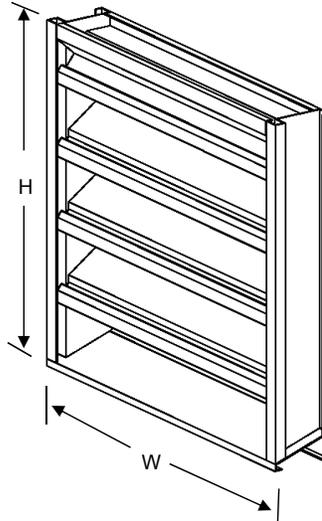
12"w x 12"h

**MAXIMUM LOUVER SIZE**

70 sq. ft. per section  
Single section size not to exceed 120"w x 84"h or 84"w x 120"h.  
Louvers exceeding maximum single section size will be built in multiple sections and require field assembly.

**BLADE BRACE SUPPORT ANGLES**

Depending on louver size, windload or other special requirements, louvers will have rear mounted blade support angles that will increase overall depth of the louver.



**STANDARD FEATURES**

- Aluminum construction providing high resistance to corrosion.
- All welded construction for strength and durability.
- 54% Free Area.(Based on 48" x 48" Unit)
- Published performance ratings data based on testing in accordance with AMCA Publication 511
- Drainable head collects and channels water to drainable jamb to provide excellent water penetration performance.
- Drainable blade channels water to drainable jamb minimizing water cascade between the blades.
- Hidden mullions allow for continuous blade appearance up to 120".

**OPTIONS AVAILABLE**

Options available at additional cost include:

- Sill Extension/Head Flashing.
- Hinged Frame/ Channel Subframe.
- Security Bars.
- Filter Rack.
- Bird/Insect screens. (See Screen Submittal)
- Blank-off Panels. (Standard or insulated)

**FINISHES**

- Baked Enamel.
- Kynar.
- Prime coat.
- Clear and Color Anodized. (Some variation in Anodized color consistency is possible)

**Contact Air Performance for any additional information or special requirements**

**Note: Louvers built 1/4" smaller than opening size given.**

QTY	OPENING SIZE (inches)		OPTIONS	TAG
	WIDTH (W)	HEIGHT (H)		

PROJECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

LOCATION: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

DATE: \_\_\_\_\_

ARCHITECT/ENGR: \_\_\_\_\_

**4D375-FF DRAINABLE STATIONARY LOUVER W/FLANGE FRAME**

**STANDARD CONSTRUCTION**

**FRAME**

4" deep, 6063-T5 extruded aluminum.  
.081" nominal wall thickness.

**BLADES**

6063-T5 extruded aluminum.  
.081" nominal wall thickness.  
Blades are positioned at a 37.5° angle and spaced on approximately 5.062" centers.

**SCREEN**

3/4" x .051" thick, flattened expanded metal, aluminum bird screen in removable frame.  
Screen will add approximately 1/2" to the depth of the louver.

**FINISH**

Mill

**MINIMUM LOUVER SIZE**

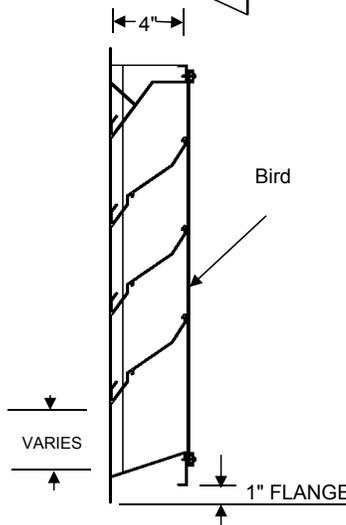
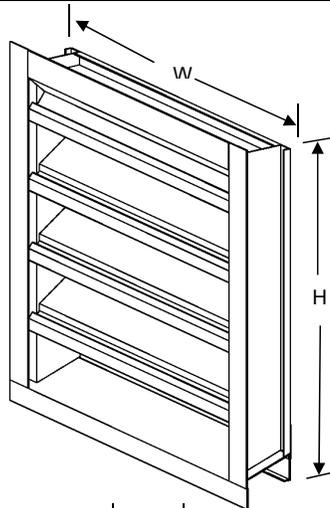
12"w x 12"h

**MAXIMUM LOUVER SIZE**

70 sq. ft. per section  
Single section size not to exceed 120"w x 84"h or 84"w x 120"h.  
Louvers exceeding maximum single section size will be built in multiple sections and require field assembly.

**BLADE BRACE SUPPORT ANGLES**

Depending on louver size, windload or other special requirements, louvers will have rear mounted blade support angles that will increase overall depth of the louver.



**STANDARD FEATURES**

- Aluminum construction providing high resistance to corrosion.
- All welded construction for strength and durability.
- 54% Free Area.(Based on 48" x 48" Unit)
- Published performance ratings data based on testing in accordance with AMCA Publication 511
- Drainable head collects and channels water to drainable jamb to provide excellent water penetration performance.
- Drainable blade channels water to drainable jamb minimizing water cascade between the blades.
- Hidden mullions allow for continuous blade appearance up to 120".

**OPTIONS AVAILABLE**

Options available at additional cost include:

- Sill Extension/Head Flashing.
- Hinged Frame/ Channel Subframe.
- Security Bars.
- Filter Rack.
- Bird/Insect screens. (See Screen Submittal)
- Blank-off Panels. (Standard or insulated)

**FINISHES**

- Baked Enamel.
- Kynar.
- Prime coat.
- Clear and Color Anodized. (Some variation in Anodized color consistency is possible)

**Contact Air Performance for any additional information or special requirements**

**Note: Louvers built 1/4" smaller than opening size given.**

QTY	OPENING SIZE (inches)		OPTIONS	TAG
	WIDTH (W)	HEIGHT (H)		

PROJECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

LOCATION: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

DATE: \_\_\_\_\_

ARCHITECT/ENGR: \_\_\_\_\_

**4ZB4-CF STATIONARY LOUVER W/CHANNEL FRAME**

**STANDARD CONSTRUCTION**

**FRAME**

4" deep, 6063-T5 extruded aluminum.  
.081" nominal wall thickness.

**BLADES**

6063-T5 extruded aluminum.  
.081" nominal wall thickness.  
Blades are positioned at a 37.5° angle and spaced on approximately 4" centers.

**SCREEN**

3/4" x .051" thick, flattened expanded metal, aluminum bird screen in removable frame.  
Screen will add approximately 1/2" to the depth of the louver.

**FINISH**

Mill

**MINIMUM LOUVER SIZE**

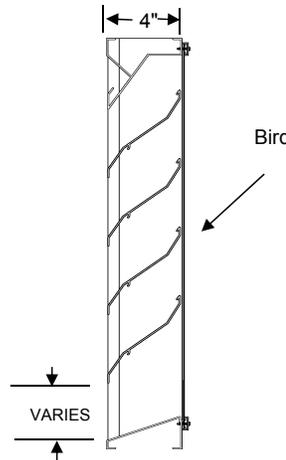
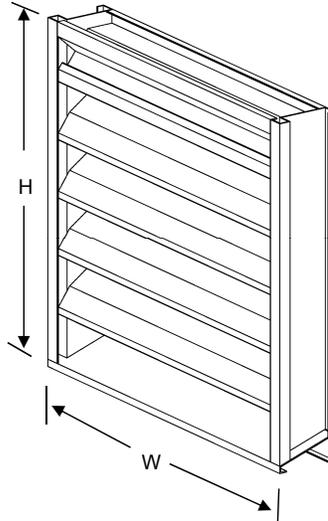
12"w x 12"h

**MAXIMUM LOUVER SIZE**

70 sq. ft. per section  
Single section size not to exceed 120"w x 84"h or 84"w x 120"h.  
Louvers exceeding maximum single section size will be built in multiple sections and require field assembly.

**BLADE BRACE SUPPORT ANGLES**

Depending on louver size, windload or other special requirements, louvers will have rear mounted blade support angles that will increase overall depth of the louver.



**STANDARD FEATURES**

- Aluminum construction providing high resistance to corrosion.
- All welded construction for strength and durability.
- 52% Free Area.(Based on 48" x 48" Unit)
- Drainable head collects and channels water to drainable jamb to provide excellent water penetration performance.
- Hidden mullions allow for continuous blade appearance up to 120".

**OPTIONS AVAILABLE**

Options available at additional cost include:

- Sill Extension/Head Flashing.
- Hinged Frame/ Channel Subframe.
- Security Bars.
- Filter Rack.
- Bird/Insect screens. (See Screen Submittal)
- Blank-off Panels. (Standard or insulated)

**FINISHES**

- Baked Enamel.
- Kynar.
- Prime coat.
- Clear and Color Anodized. (Some variation in Anodized color consistency is possible)

**Contact Air Performance for any additional information or special requirements**

**Note: Louvers built 1/4" smaller than opening size given.**

QTY	OPENING SIZE (inches)		OPTIONS	TAG
	WIDTH (W)	HEIGHT (H)		

PROJECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

LOCATION: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

DATE: \_\_\_\_\_

ARCHITECT/ENGR: \_\_\_\_\_

**4ZB4-FF STATIONARY LOUVER W/FLANGE FRAME**

**STANDARD CONSTRUCTION**

**FRAME**

4" deep, 6063-T5 extruded aluminum.  
.081" nominal wall thickness.

**BLADES**

6063-T5 extruded aluminum.  
.081" nominal wall thickness.  
Blades are positioned at a 37.5° angle and spaced on approximately 4" centers.

**SCREEN**

3/4" x .051" thick, flattened expanded metal, aluminum bird screen in removable frame. Screen will add approximately 1/2" to the depth of the louver.

**FINISH**

Mill

**MINIMUM LOUVER SIZE**

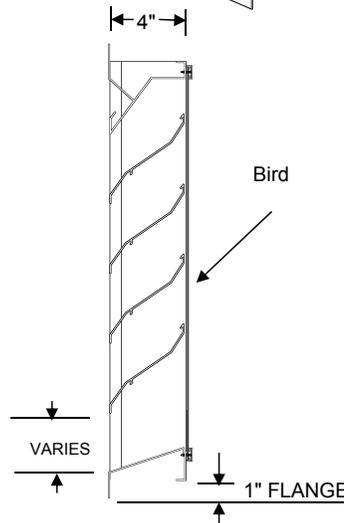
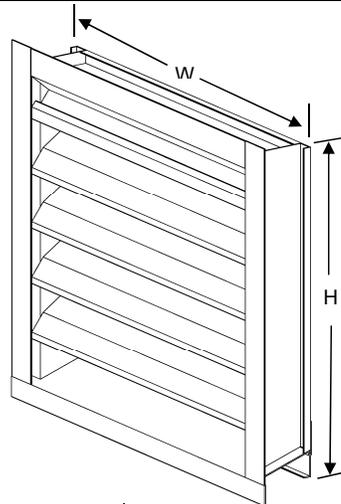
12"w x 12"h

**MAXIMUM LOUVER SIZE**

70 sq. ft. per section  
Single section size not to exceed 120"w x 84"h or 84"w x 120"h.  
Louvers exceeding maximum single section size will be built in multiple sections and require field assembly.

**BLADE BRACE SUPPORT ANGLES**

Depending on louver size, windload or other special requirements, louvers will have rear mounted blade support angles that will increase overall depth of the louver.



**STANDARD FEATURES**

- Aluminum construction providing high resistance to corrosion.
- All welded construction for strength and durability.
- 52% Free Area.(Based on 48" x 48" Unit)
- Drainable head collects and channels water to drainable jamb to provide excellent water penetration performance.
- Hidden mullions allow for continuous blade appearance up to 120".

**OPTIONS AVAILABLE**

Options available at additional cost include:

- Sill Extension/Head Flashing.
- Hinged Frame/ Channel Subframe.
- Security Bars.
- Filter Rack.
- Bird/Insect screens. (See Screen Submittal)
- Blank-off Panels. (Standard or insulated)

**FINISHES**

- Baked Enamel.
- Kynar.
- Prime coat.
- Clear and Color Anodized. (Some variation in Anodized color consistency is possible)

**Contact Air Performance for any additional information or special requirements**

**Note: Louvers built 1/4" smaller than opening size given.**

QTY	OPENING SIZE (inches)		OPTIONS	TAG
	WIDTH (W)	HEIGHT (H)		

PROJECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

LOCATION: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

DATE: \_\_\_\_\_

ARCHITECT/ENGR: \_\_\_\_\_

**4DB4-CF DRAINABLE STATIONARY LOUVER W/CHANNEL FRAME**

**STANDARD CONSTRUCTION**

**FRAME**

4" deep, 6063-T5 extruded aluminum.  
.081" nominal wall thickness.

**BLADES**

6063-T5 extruded aluminum.  
.081" nominal wall thickness.  
Blades are positioned at a 37.5° angle and spaced on approximately 4" centers.

**SCREEN**

3/4" x .051" thick, flattened expanded metal, aluminum bird screen in removable frame. Screen will add approximately 1/2" to the depth of the louver.

**FINISH**

Mill

**MINIMUM LOUVER SIZE**

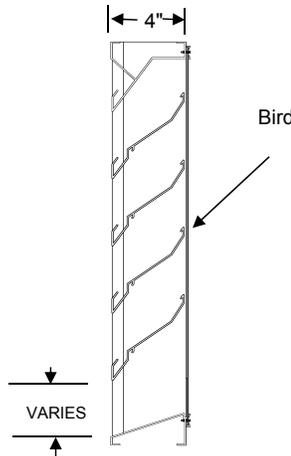
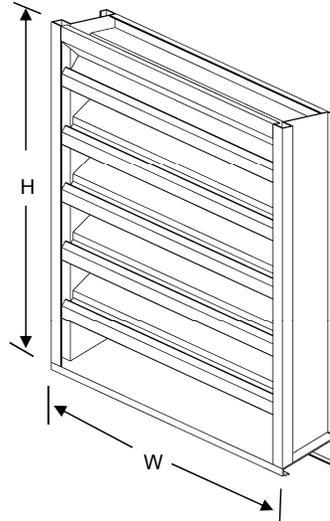
12"w x 12"h

**MAXIMUM LOUVER SIZE**

70 sq. ft. per section  
Single section size not to exceed 120"w x 84"h or 84"w x 120"h.  
Louvers exceeding maximum single section size will be built in multiple sections and require field assembly.

**BLADE BRACE SUPPORT ANGLES**

Depending on louver size, windload or other special requirements, louvers will have rear mounted blade support angles that will increase overall depth of the louver.



**STANDARD FEATURES**

- Aluminum construction providing high resistance to corrosion.
- All welded construction for strength and durability.
- 52% Free Area.(Based on 48" x 48" Unit)
- Published performance ratings data based on testing in accordance with AMCA Publication 511
- Drainable head collects and channels water to drainable jamb to provide excellent water penetration performance.
- Drainable blade channels water to drainable jamb minimizing water cascade between the blades.
- Hidden mullions allow for continuous blade appearance up to 120".

**OPTIONS AVAILABLE**

Options available at additional cost include:

- Sill Extension/Head Flashing.
- Hinged Frame/ Channel Subframe.
- Security Bars.
- Filter Rack.
- Bird/Insect screens. (See Screen Submittal)
- Blank-off Panels. (Standard or insulated)

**FINISHES**

- Baked Enamel.
- Kynar.
- Prime coat.
- Clear and Color Anodized. (Some variation in Anodized color consistency is possible)

**Contact Air Performance for any additional information or special requirements**

Louvers built 1/4" smaller than opening size given.

QTY	OPENING SIZE (inches)		OPTIONS	TAG
	WIDTH (W)	HEIGHT (H)		

PROJECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

LOCATION: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

DATE: \_\_\_\_\_

ARCHITECT/ENGR: \_\_\_\_\_

**4DB4-FF DRAINABLE STATIONARY LOUVER W/FLANGE FRAME**

**STANDARD CONSTRUCTION**

**FRAME**

4" deep, 6063-T5 extruded aluminum.  
.081" nominal wall thickness.

**BLADES**

6063-T5 extruded aluminum.  
.081" nominal wall thickness.  
Blades are positioned at a 37.5° angle and spaced on approximately 4" centers.

**SCREEN**

3/4" x .051" thick, flattened expanded metal, aluminum bird screen in removable frame.  
Screen will add approximately 1/2" to the depth of the louver.

**FINISH**

Mill

**MINIMUM LOUVER SIZE**

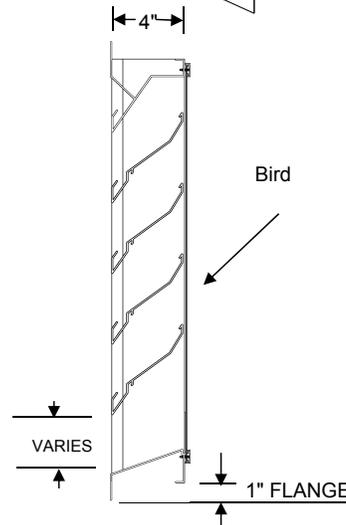
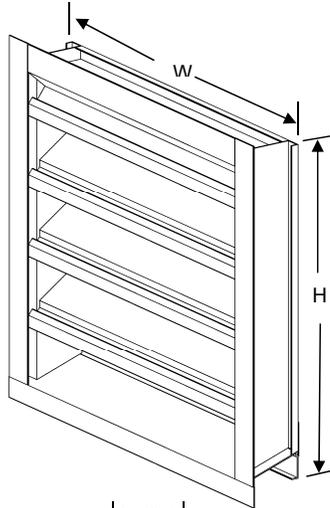
12"w x 12"h

**MAXIMUM LOUVER SIZE**

70 sq. ft. per section  
Single section size not to exceed 120"w x 84"h or 84"w x 120"h.  
Louvers exceeding maximum single section size will be built in multiple sections and require field assembly.

**BLADE BRACE SUPPORT ANGLES**

Depending on louver size, windload or other special requirements, louvers will have rear mounted blade support angles that will increase overall depth of the louver.



**STANDARD FEATURES**

- Aluminum construction providing high resistance to corrosion.
- All welded construction for strength and durability.
- 52% Free Area.(Based on 48" x 48" Unit)
- Published performance ratings data based on testing in accordance with AMCA Publication 511
- Drainable head collects and channels water to drainable jamb to provide excellent water penetration performance.
- Drainable blade channels water to drainable jamb minimizing water cascade between the blades.
- Hidden mullions allow for continuous blade appearance up to 120".

**OPTIONS AVAILABLE**

Options available at additional cost include:

- Sill Extension/Head Flashing.
- Hinged Frame/ Channel Subframe.
- Security Bars.
- Filter Rack.
- Bird/Insect screens. (See Screen Submittal)
- Blank-off Panels. (Standard or insulated)

**FINISHES**

- Baked Enamel.
- Kynar.
- Prime coat.
- Clear and Color Anodized. (Some variation in Anodized color consistency is possible)

**Contact Air Performance for any additional information or special requirements**

Louvers built 1/4" smaller than opening size given.

QTY	OPENING SIZE (inches)		OPTIONS	TAG
	WIDTH (W)	HEIGHT (H)		

PROJECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

LOCATION: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

DATE: \_\_\_\_\_

ARCHITECT/ENGR: \_\_\_\_\_

**6Z375-CF STATIONARY LOUVER W/CHANNEL FRAME**

**STANDARD CONSTRUCTION**

**FRAME**

6" deep, 6063-T5 extruded aluminum.  
.125" nominal wall thickness.

**BLADES**

6063-T5 extruded aluminum.  
.125" nominal wall thickness.  
Blades are positioned at a 37.5° angle and spaced on approximately 5.938" centers.

**SCREEN**

3/4" x .051" thick, flattened expanded metal, aluminum bird screen in removable frame. Screen will add approximately 1/2" to the depth of the louver.

**FINISH**

Mill

**MINIMUM LOUVER SIZE**

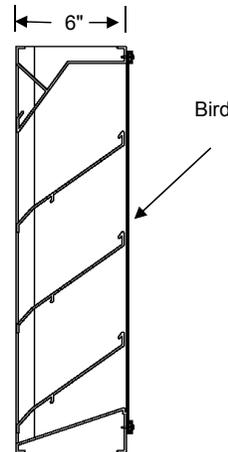
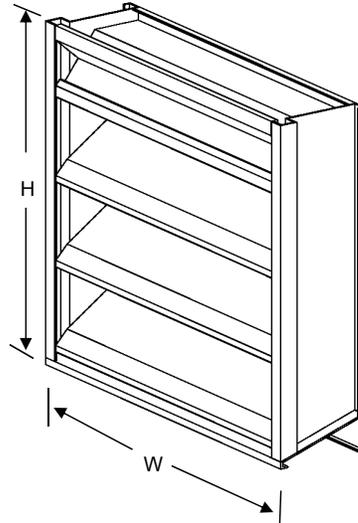
12"w x 12"h

**MAXIMUM LOUVER SIZE**

70 sq. ft. per section  
Single section size not to exceed 120"w x 84"h or 84"w x 120"h.  
Louvers exceeding maximum single section size will be built in multiple sections and require field assembly.

**BLADE BRACE SUPPORT ANGLES**

Depending on louver size, windload or other special requirements, louvers will have rear mounted blade support angles that will increase overall depth of the louver.



**STANDARD FEATURES**

- Aluminum construction providing high resistance to corrosion.
- All welded construction for strength and durability.
- 57% Free Area.(Based on 48" x 48" Unit)
- Published performance ratings data based on testing in accordance with AMCA Publication 511
- Drainable head collects and channels water to drainable jamb to provide excellent water penetration performance.
- Hidden mullions allow for continuous blade appearance up to 120".

**OPTIONS AVAILABLE**

- Options available at additional cost include:
- Sill Extension/Head Flashing.
  - Hinged Frame/ Channel Subframe.
  - Security Bars.
  - Filter Rack.
  - Bird/Insect screens. (See Screen Submittal)
  - Blank-off Panels. (Standard or insulated)

**FINISHES**

- Baked Enamel.
- Kynar.
- Prime coat.
- Clear and Color Anodized. (Some variation in Anodized color consistency is possible)

**Contact Air Performance for any additional information or special requirements**

**Note: Louvers built 1/4" smaller than opening size given.**

QTY	OPENING SIZE (inches)		OPTIONS	TAG
	WIDTH (W)	HEIGHT (H)		

PROJECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

LOCATION: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

DATE: \_\_\_\_\_

ARCHITECT/ENGR: \_\_\_\_\_

**6Z375-FF STATIONARY LOUVER W/FLANGE FRAME**

**STANDARD CONSTRUCTION**

**FRAME**

6" deep, 6063-T5 extruded aluminum.  
.125" nominal wall thickness.

**BLADES**

6063-T5 extruded aluminum.  
.125" nominal wall thickness.  
Blades are positioned at a 37.5° angle and spaced on approximately 5.938" centers.

**SCREEN**

3/4" x .051" thick, flattened expanded metal, aluminum bird screen in removable frame.  
Screen will add approximately 1/2" to the depth of the louver.

**FINISH**

Mill

**MINIMUM LOUVER SIZE**

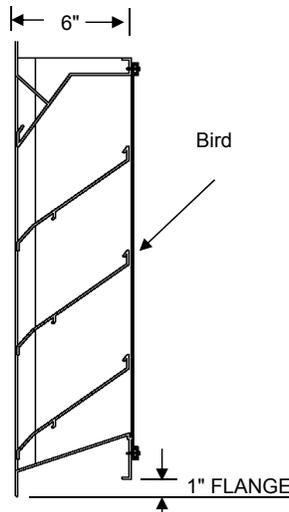
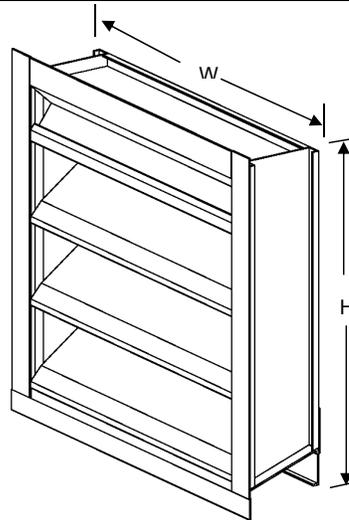
12"w x 12"h

**MAXIMUM LOUVER SIZE**

70 sq. ft. per section  
Single section size not to exceed 120"w x 84"h or 84"w x 120"h.  
Louvers exceeding maximum single section size will be built in multiple sections and require field assembly.

**BLADE BRACE SUPPORT ANGLES**

Depending on louver size, windload or other special requirements, louvers will have rear mounted blade support angles that will increase overall depth of the louver.



**STANDARD FEATURES**

- Aluminum construction providing high resistance to corrosion.
- All welded construction for strength and durability.
- 57% Free Area.(Based on 48" x 48" Unit)
- Published performance ratings data based on testing in accordance with AMCA Publication 511
- Drainable head collects and channels water to drainable jamb to provide excellent water penetration performance.
- Hidden mullions allow for continuous blade appearance up to 120".

**OPTIONS AVAILABLE**

Options available at additional cost include:

- Sill Extension/Head Flashing.
- Hinged Frame/ Channel Subframe.
- Security Bars.
- Filter Rack.
- Bird/Insect screens. (See Screen Submittal)
- Blank-off Panels. (Standard or insulated)

**FINISHES**

- Baked Enamel.
- Kynar.
- Prime coat.
- Clear and Color Anodized. (Some variation in Anodized color consistency is possible)

**Contact Air Performance for any additional information or special requirements**

**Note: Louvers built 1/4" smaller than opening size given.**

QTY	OPENING SIZE (inches)		OPTIONS	TAG
	WIDTH (W)	HEIGHT (H)		

PROJECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

LOCATION: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

DATE: \_\_\_\_\_

ARCHITECT/ENGR: \_\_\_\_\_

**6D375-CF DRAINABLE STATIONARY LOUVER W/CHANNEL FRAME**

**STANDARD CONSTRUCTION**

**FRAME**

6" deep, 6063-T5 extruded aluminum.  
.125" nominal wall thickness.

**BLADES**

6063-T5 extruded aluminum.  
.125" nominal wall thickness.  
Blades are positioned at a 37.5° angle and spaced on approximately 5.938" centers.

**SCREEN**

3/4" x .051" thick, flattened expanded metal, aluminum bird screen in removable frame.  
Screen will add approximately 1/2" to the depth of the louver.

**FINISH**

Mill

**MINIMUM LOUVER SIZE**

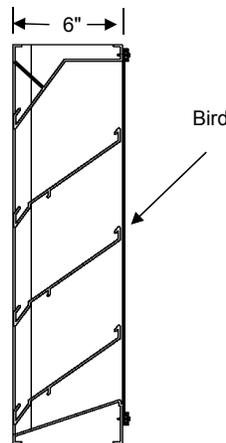
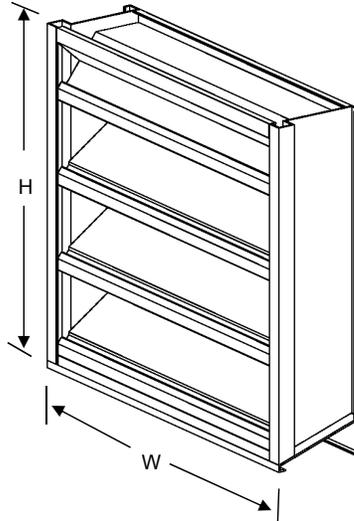
12"w x 12"h

**MAXIMUM LOUVER SIZE**

70 sq. ft. per section  
Single section size not to exceed 120"w x 84"h or 84"w x 120"h.  
Louvers exceeding maximum single section size will be built in multiple sections and require field assembly.

**BLADE BRACE SUPPORT ANGLES**

Depending on louver size, windload or other special requirements, louvers will have rear mounted blade support angles that will increase overall depth of the louver.



**STANDARD FEATURES**

- Aluminum construction providing high resistance to corrosion.
- All welded construction for strength and durability.
- 57% Free Area.(Based on 48" x 48" Unit)
- Published performance ratings data based on testing in accordance with AMCA Publication 511
- Drainable head collects and channels water to drainable jamb to provide excellent water penetration performance.
- Drainable blade channels water to drainable jamb minimizing water cascade between the blades.
- Hidden mullions allow for continuous blade appearance up to 120".

**OPTIONS AVAILABLE**

Options available at additional cost include:

- Sill Extension/Head Flashing.
- Hinged Frame/ Channel Subframe.
- Security Bars.
- Filter Rack.
- Bird/Insect screens. (See Screen Submittal)
- Blank-off Panels. (Standard or insulated)

**FINISHES**

- Baked Enamel.
- Kynar.
- Prime coat.
- Clear and Color Anodized. (Some variation in Anodized color consistency is possible)

**Contact Air Performance for any additional information or special requirements**

**Note: Louvers built 1/4" smaller than opening size given.**

QTY	OPENING SIZE (inches)		OPTIONS	TAG
	WIDTH (W)	HEIGHT (H)		

PROJECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

LOCATION: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

DATE: \_\_\_\_\_

ARCHITECT/ENGR: \_\_\_\_\_

**6D375-FF DRAINABLE STATIONARY LOUVER W/FLANGE FRAME**

**STANDARD CONSTRUCTION**

**FRAME**

6" deep, 6063-T5 extruded aluminum.  
.125" nominal wall thickness.

**BLADES**

6063-T5 extruded aluminum.  
.125" nominal wall thickness.  
Blades are positioned at a 37.5° angle and spaced on approximately 5.938" centers.

**SCREEN**

3/4" x .051" thick, flattened expanded metal, aluminum bird screen in removable frame.  
Screen will add approximately 1/2" to the depth of the louver.

**FINISH**

Mill

**MINIMUM LOUVER SIZE**

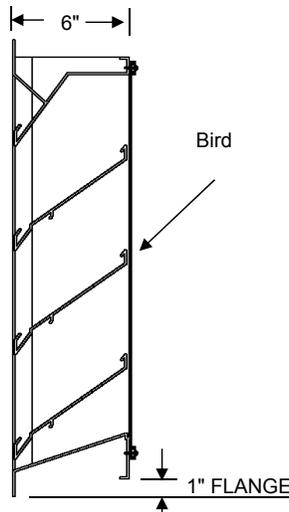
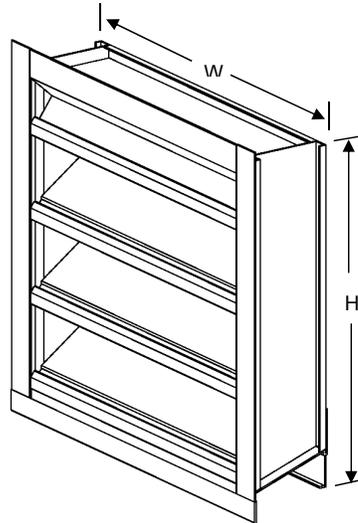
12"w x 12"h

**MAXIMUM LOUVER SIZE**

70 sq. ft. per section  
Single section size not to exceed 120"w x 84"h or 84"w x 120"h.  
Louvers exceeding maximum single section size will be built in multiple sections and require field assembly.

**BLADE BRACE SUPPORT ANGLES**

Depending on louver size, windload or other special requirements, louvers will have rear mounted blade support angles that will increase overall depth of the louver.



**STANDARD FEATURES**

- Aluminum construction providing high resistance to corrosion.
- All welded construction for strength and durability.
- 57% Free Area.(Based on 48" x 48" Unit)
- Published performance ratings data based on testing in accordance with AMCA Publication 511
- Drainable head collects and channels water to drainable jamb to provide excellent water penetration performance.
- Drainable blade channels water to drainable jamb minimizing water cascade between the blades.
- Hidden mullions allow for continuous blade appearance up to 120".

**OPTIONS AVAILABLE**

Options available at additional cost include:

- Sill Extension/Head Flashing.
- Hinged Frame/ Channel Subframe.
- Security Bars.
- Filter Rack.
- Bird/Insect screens. (See Screen Submittal)
- Blank-off Panels. (Standard or insulated)

**FINISHES**

- Baked Enamel.
- Kynar.
- Prime coat.
- Clear and Color Anodized. (Some variation in Anodized color consistency is possible)

**Contact Air Performance for any additional information or special requirements**

**Note: Louvers built 1/4" smaller than opening size given.**

QTY	OPENING SIZE (inches)		OPTIONS	TAG
	WIDTH (W)	HEIGHT (H)		

PROJECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

LOCATION: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

DATE: \_\_\_\_\_

ARCHITECT/ENGR: \_\_\_\_\_

**5WDRL STATIONARY WIND DRIVEN RAIN RESISTANT LOUVER**

**STANDARD CONSTRUCTION**

**FRAME**

5" deep, 6063-T5 extruded aluminum.  
.081" nominal wall thickness.

**BLADES**

6063-T5 extruded aluminum.  
.081" nominal wall thickness.  
Double Drainable, sight-proof blades  
spaced on approximately 2.125" centers.

**SCREEN**

3/4" x .051" thick, flattened expanded metal,  
aluminum bird screen in removable frame.  
Screen will add approximately 1/2" to the  
depth of the louver.

**FINISH**

Mill

**MINIMUM LOUVER SIZE**

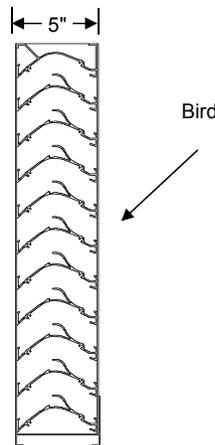
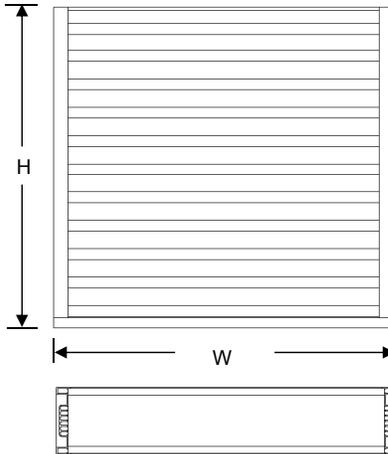
12"w x 12"h

**MAXIMUM LOUVER SIZE**

70 sq. ft. per section  
Single section size not to exceed 120"w x 84"h  
or 84"w x 120"h.  
Louvers exceeding maximum single section  
size will be built in multiple sections and require  
field assembly.

**BLADE BRACE SUPPORT ANGLES**

Depending on louver size, windload or other  
special requirements, louvers will have rear  
mounted blade support angles that will increase  
overall depth of the louver.



**STANDARD FEATURES**

- Special blade design and close spacing minimizes penetration of Wind-Driven Rain for excellent weather protection.
- Tested in accordance with AMCA 500-L Laboratory Methods of testing Wind-driven Rain Performance.
- Published performance ratings data based on testing in accordance with AMCA Publication 511
- 52% Free Area.
- Aluminum construction providing high resistance to corrosion.

**OPTIONS AVAILABLE**

- Options available at additional cost include:
- Sill Extension/Head Flashing.
  - Hinged Frame/ Channel Subframe.
  - Security Bars.
  - Filter Rack.
  - Bird/Insect screens. (See Screen Submittal)
  - Blank-off Panels. (Standard or insulated)

**FINISHES**

- Baked Enamel.
- Kynar.
- Prime coat.
- Clear and Color Anodized. (Some variation in Anodized color consistency is possible)

**Contact Air Performance for any additional information or special requirements**

**Note: Louvers built 1/4" smaller than opening size given.**

QTY	OPENING SIZE (inches)		OPTIONS	TAG
	WIDTH (W)	HEIGHT (H)		

PROJECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

LOCATION: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

DATE: \_\_\_\_\_

ARCHITECT/ENGR: \_\_\_\_\_

**5WDRL-HP STATIONARY WIND DRIVEN RAIN RESISTANT LOUVER W/CHANNEL FRAME**

**STANDARD CONSTRUCTION**

**FRAME**

5" deep, 6063-T5 extruded aluminum.  
.081" nominal wall thickness.

**BLADES**

6063-T5 extruded aluminum.  
.081" nominal wall thickness.  
Double Drainable, sight-proof blades  
spaced on approximately 2" centers.

**SCREEN**

3/4" x .051" thick, flattened expanded metal,  
aluminum bird screen in removable frame.  
Screen will add approximately 1/2" to the  
depth of the louver.

**FINISH**

Mill

**MINIMUM LOUVER SIZE**

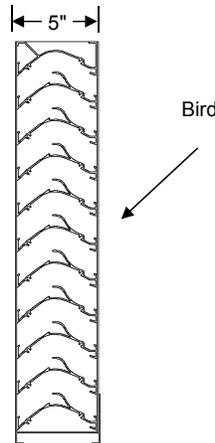
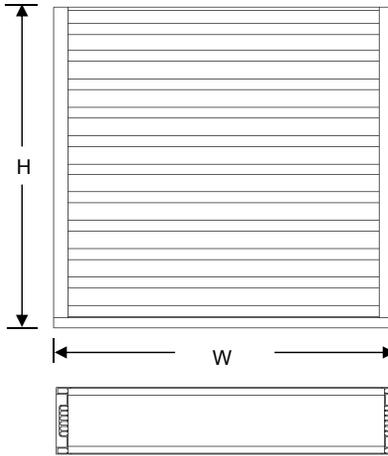
12"w x 12"h

**MAXIMUM LOUVER SIZE**

70 sq. ft. per section  
Single section size not to exceed 120"w x 84"h  
or 84"w x 120"h.  
Louvers exceeding maximum single section  
size will be built in multiple sections and require  
field assembly.

**BLADE BRACE SUPPORT ANGLES**

Depending on louver size, windload or other  
special requirements, louvers will have rear  
mounted blade support angles that will increase  
overall depth of the louver.



**STANDARD FEATURES**

- Special blade design and close spacing minimizes penetration of Wind-Driven Rain for excellent weather protection.
- Tested in accordance with AMCA 500-L Laboratory Methods of testing Wind-driven Rain Performance.
- Published performance ratings data based on testing in accordance with AMCA Publication 511
- 46% Free Area.
- Aluminum construction providing high resistance to corrosion.

**OPTIONS AVAILABLE**

- Options available at additional cost include:
- Sill Extension/Head Flashing.
  - Hinged Frame/ Channel Subframe.
  - Security Bars.
  - Filter Rack.
  - Bird/Insect screens. (See Screen Submittal)
  - Blank-off Panels. (Standard or insulated)

**FINISHES**

- Baked Enamel.
- Kynar.
- Prime coat.
- Clear and Color Anodized. (Some variation in Anodized color consistency is possible)

**Contact Air Performance for any additional information or special requirements**

**Note: Louvers built 1/4" smaller than opening size given.**

QTY	OPENING SIZE (inches)		OPTIONS	TAG
	WIDTH (W)	HEIGHT (H)		

PROJECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

LOCATION: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

DATE: \_\_\_\_\_

ARCHITECT/ENGR: \_\_\_\_\_

**5WDRL-V STATIONARY WIND DRIVEN RAIN RESISTANT LOUVER**

**STANDARD CONSTRUCTION**

**FRAME**

5" deep, 6063-T5 extruded aluminum.  
.081" nominal wall thickness.

**BLADES**

6063-T5 extruded aluminum.  
.065" nominal wall thickness.  
Double Drainable, sight-proof blades  
spaced on approximately 2" centers.

**SCREEN**

3/4" x .051" thick, flattened expanded metal,  
aluminum bird screen in removable frame.  
Screen will add approximately 1/2" to the  
depth of the louver.

**FINISH**

Mill

**MINIMUM LOUVER SIZE**

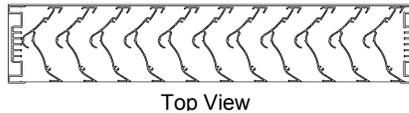
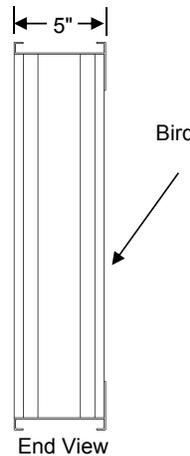
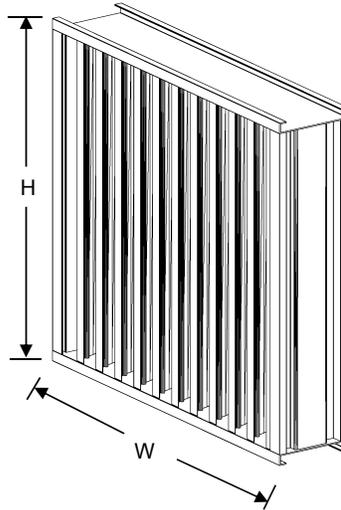
12"w x 12"h

**MAXIMUM LOUVER SIZE**

70 sq. ft. per section  
Single section size not to exceed 120"w x 84"h  
or 84"w x 120"h.  
Louvers exceeding maximum single section  
size will be built in multiple sections and require  
field assembly.

**BLADE BRACE SUPPORT ANGLES**

Depending on louver size, windload or other  
special requirements, louvers will have rear  
mounted blade support angles that will increase  
overall depth of the louver.



**STANDARD FEATURES**

- Special blade design and close spacing minimizes penetration of Wind-Driven Rain for excellent weather protection.
- Tested in accordance with AMCA 500-L Laboratory Methods of testing Wind-driven Rain Performance.
- Published performance ratings data based on testing in accordance with AMCA Publication 511
- 43% Free Area.
- Aluminum construction providing high resistance to corrosion.

**OPTIONS AVAILABLE**

- Options available at additional cost include:
- Sill Extension/Head Flashing.
  - Hinged Frame/ Channel Subframe.
  - Security Bars.
  - Filter Rack.
  - Bird/Insect screens. (See Screen Submittal)
  - Blank-off Panels. (Standard or insulated)

**FINISHES**

- Baked Enamel.
- Kynar.
- Prime coat.
- Clear and Color Anodized. (Some variation in Anodized color consistency is possible)

**Contact Air Performance for any additional information or special requirements**

**Note: Louvers built 1/4" smaller than opening size given.**

QTY	OPENING SIZE (inches)		OPTIONS	TAG
	WIDTH (W)	HEIGHT (H)		

PROJECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

LOCATION: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

DATE: \_\_\_\_\_

ARCHITECT/ENGR: \_\_\_\_\_

**7WDRL STATIONARY WIND DRIVEN RAIN RESISTANT LOUVER**

**STANDARD CONSTRUCTION**

**FRAME**

7" deep, 6063-T5 extruded aluminum.  
.081" nominal wall thickness.

**BLADES**

6063-T5 extruded aluminum.  
.068" nominal wall thickness.  
Double Drainable, sight-proof blades  
spaced on approximately 3.75" centers.

**SCREEN**

3/4" x .051" thick, flattened expanded metal,  
aluminum bird screen in removable frame.  
Screen will add approximately 1/2" to the  
depth of the louver.

**FINISH**

Mill

**MINIMUM LOUVER SIZE**

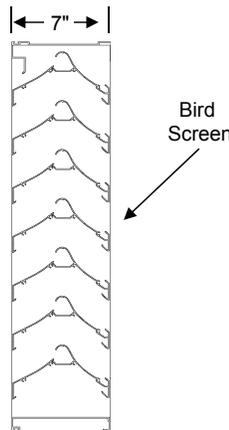
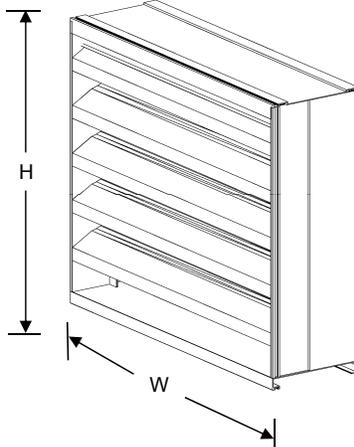
12"w x 12"h

**MAXIMUM LOUVER SIZE**

70 sq. ft. per section  
Single section size not to exceed 120"w x 84"h  
or 84"w x 120"h.  
Louvers exceeding maximum single section  
size will be built in multiple sections and require  
field assembly.

**BLADE BRACE SUPPORT ANGLES**

Depending on louver size, windload or other  
special requirements, louvers will have rear  
mounted blade support angles that will increase  
overall depth of the louver.



Section View

**STANDARD FEATURES**

- Special blade design and close spacing minimizes penetration of Wind-Driven Rain for excellent weather protection.
- Tested in accordance with AMCA 500-L Laboratory Methods of testing Wind-driven Rain Performance.
- Published performance ratings data based on testing in accordance with AMCA Publication 511
- 47% Free Area.
- Aluminum construction providing high resistance to corrosion.

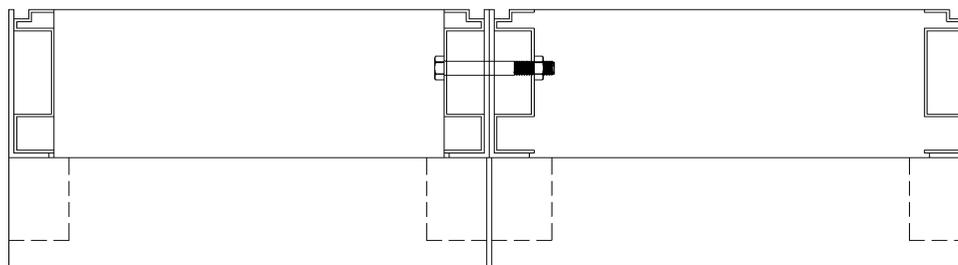
**OPTIONS AVAILABLE**

- Options available at additional cost include:
- Sill Extension/Head Flashing.
  - Hinged Frame/ Channel Subframe.
  - Security Bars.
  - Filter Rack.
  - Bird/Insect screens. (See Screen Submittal)
  - Blank-off Panels. (Standard or insulated)

**FINISHES**

- Baked Enamel.
- Kynar.
- Prime coat.
- Clear and Color Anodized. (Some variation in Anodized color consistency is possible)

**Contact Air Performance for any additional information or special requirements**



Plan view with continuous blade appearance for multiple section louvers

PROJECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

LOCATION: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

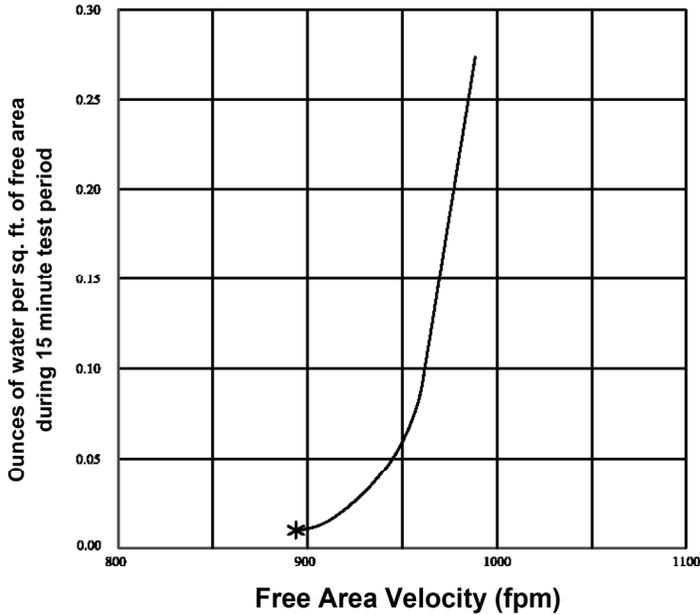
DATE: \_\_\_\_\_

ARCHITECT/ENGR: \_\_\_\_\_

# 2DB45-CF/FF PERFORMANCE DATA SHEET

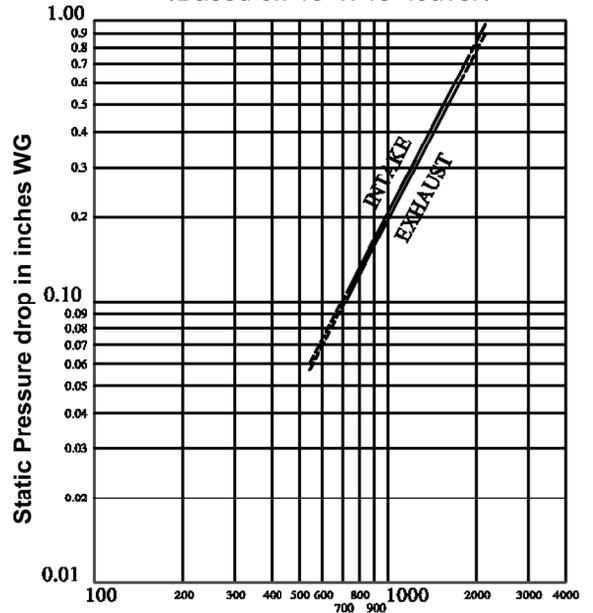
## WATER PENETRATION

\* Beginning point of water penetration is 894 fpm  
(Based on 48" x 48" louver)



## PRESSURE DROP

(Based on 48" x 48" louver)



Data corrected to standard air density,  
Tested to AMCA figure 5.5

### WATER PENETRATION

AMCA defines the beginning point of water penetration as the free area velocity at which 0.01 ounces or less of water per square foot of louver free area is measured to pass through a 48" x 48" louver during a 15 minute period. The AMCA water penetration test provides test data for the comparison of louver designs as to efficiency in resisting the penetration of rainfall under specific laboratory test conditions.

### Louver size determination

_____ cfm /	_____ fpm =	_____ ft <sup>2</sup>
air flow volume	free area velocity @ beginning point of water penetration	Required Louver Free Area
<b>Select louver size from Free Area Chart below, based on required louver free area above</b>		
<b>Determine pressure drop from Pressure Drop Chart based on required louver free area above</b>		



Air Performance, Inc. certifies that the product line shown herein is licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Rating Seal applies to water penetration and air performance ratings for rectangular louvers only.

## 2DB45-CF/FF FREE AREA CHART

Free area chart shows square feet of free area for various louver sizes

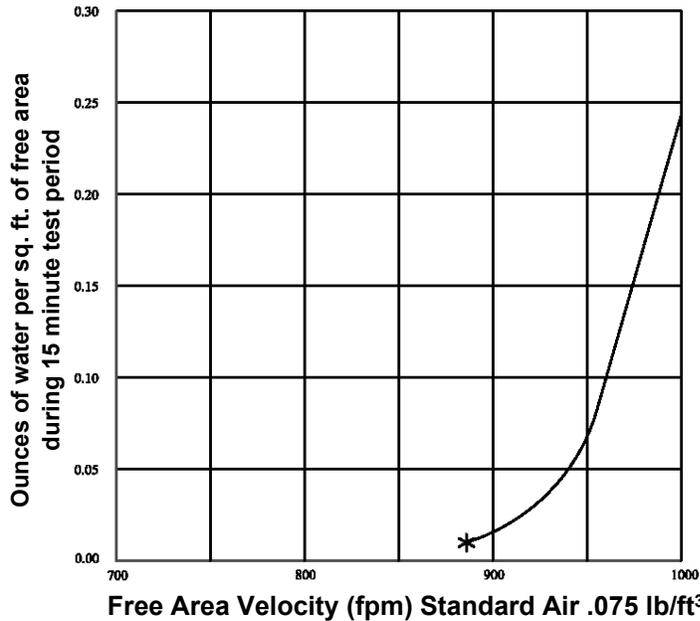
### LOUVER WIDTH IN INCHES

<b>LOUVER HEIGHT IN INCHES</b>	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	
	12	0.38	0.60	0.83	1.05	1.27	1.49	1.72	1.94	2.16	2.38	2.61	2.83	3.05	3.28	3.50	3.72	3.94	4.17	4.39
	18	0.63	1.00	1.37	1.75	2.12	2.49	2.86	3.23	3.60	3.97	4.34	4.71	5.08	5.45	5.82	6.19	6.56	6.94	7.31
	24	0.87	1.38	1.89	2.40	2.92	3.43	3.94	4.45	4.96	5.47	5.98	6.49	7.00	7.51	8.02	8.53	9.05	9.56	10.07
	30	1.16	1.84	2.51	3.19	3.87	4.55	5.22	5.90	6.58	7.26	7.93	8.61	9.29	9.97	10.65	11.32	12.00	12.68	13.36
	36	1.41	2.24	3.06	3.89	4.71	5.54	6.36	7.19	8.02	8.84	9.67	10.49	11.32	12.14	12.97	13.80	14.62	15.45	16.27
	42	1.65	2.62	3.58	4.55	5.51	6.48	7.44	8.41	9.38	10.34	11.31	12.27	13.24	14.21	15.17	16.14	17.10	18.07	19.03
	48	1.94	3.07	4.20	5.33	6.47	7.60	8.73	9.86	11.00	12.13	13.26	14.39	15.53	16.66	17.79	18.93	20.06	21.19	22.32
	54	2.19	3.47	4.75	6.03	7.31	8.59	9.87	11.15	12.43	13.71	14.99	16.28	17.56	18.84	20.12	21.40	22.68	23.96	25.24
	60	2.43	3.85	5.27	6.69	8.11	9.53	10.95	12.37	13.79	15.21	16.64	18.06	19.48	20.90	22.32	23.74	25.16	26.58	28.00
	66	2.71	4.30	5.89	7.48	9.06	10.65	12.24	13.83	15.41	17.00	18.59	20.18	21.76	23.35	24.94	26.53	28.12	29.70	31.29
	72	2.97	4.70	6.44	8.17	9.91	11.64	13.38	15.12	16.85	18.59	20.32	22.06	23.79	25.53	27.27	29.00	30.74	32.47	34.21
	78	3.20	5.08	6.96	8.83	10.71	12.58	14.46	16.34	18.21	20.09	21.96	23.84	25.71	27.59	29.47	31.34	33.22	35.09	36.97
	84	3.49	5.53	7.58	9.62	11.66	13.70	15.75	17.79	19.83	21.87	23.92	25.96	28.00	30.04	32.09	34.13	36.17	38.22	40.26
90	3.74	5.93	8.12	10.31	12.51	14.70	16.89	19.08	21.27	23.46	25.65	27.84	30.03	32.22	34.41	36.60	38.79	40.98	43.18	
96	3.98	6.31	8.64	10.97	13.30	15.64	17.97	20.30	22.63	24.96	27.29	29.62	31.95	34.28	36.61	38.94	41.27	43.61	45.94	
102	4.27	6.76	9.26	11.76	14.26	16.76	19.25	21.75	24.25	26.75	29.24	31.74	34.24	36.74	39.23	41.73	44.23	46.73	49.23	
108	4.52	7.17	9.81	12.46	15.10	17.75	20.39	23.04	25.69	28.33	30.98	33.62	36.27	38.91	41.56	44.21	46.85	49.50	52.14	
114	4.76	7.54	10.33	13.12	15.90	18.69	21.47	24.26	27.05	29.83	32.62	35.40	38.19	40.97	43.76	46.55	49.33	52.12	54.90	
120	5.04	8.00	10.95	13.90	16.86	19.81	22.76	25.71	28.67	31.62	34.57	37.52	40.48	43.43	46.38	49.33	52.29	55.24	58.19	

# 4Z375-CF/FF PERFORMANCE DATA SHEET

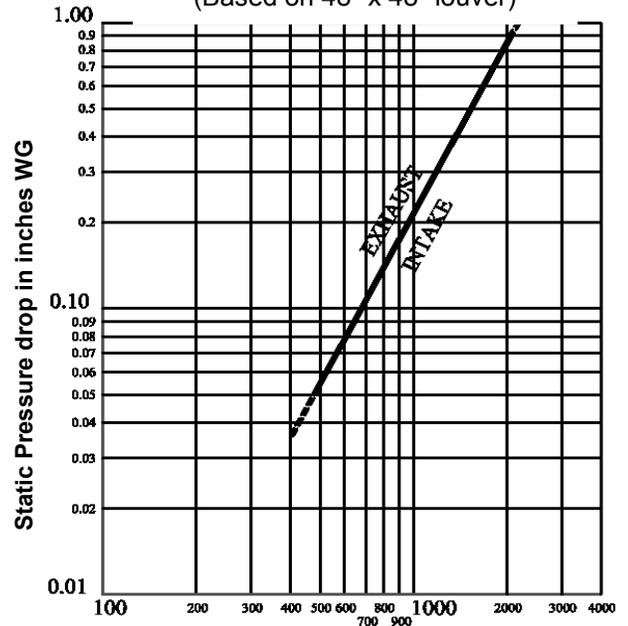
## WATER PENETRATION

\* Beginning point of water penetration is 886 fpm  
(Based on 48" x 48" louver)



## PRESSURE DROP

(Based on 48" x 48" louver)



Data corrected to standard air density,  
Tested to AMCA figure 5.5

### WATER PENETRATION

AMCA defines the beginning point of water penetration as the free area velocity at which 0.01 ounces or less of water per square foot of louver free area is measured to pass through a 48" x 48" louver during a 15 minute period. The AMCA water penetration test provides test data for the comparison of louver designs as to efficiency in resisting the penetration of rainfall under specific laboratory test conditions.

### Louver size determination

_____ cfm /	_____ fpm =	_____ ft <sup>2</sup>
air flow volume	free area velocity @ beginning point of water penetration	Required Louver Free Area
<b>Select louver size from Free Area Chart below, based on required louver free area above</b>		
<b>Determine pressure drop from Pressure Drop Chart based on required louver free area above</b>		



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## 4Z375-CF/FF FREE AREA CHART

Free area chart shows square feet of free area for various louver sizes

### LOUVER WIDTH IN INCHES

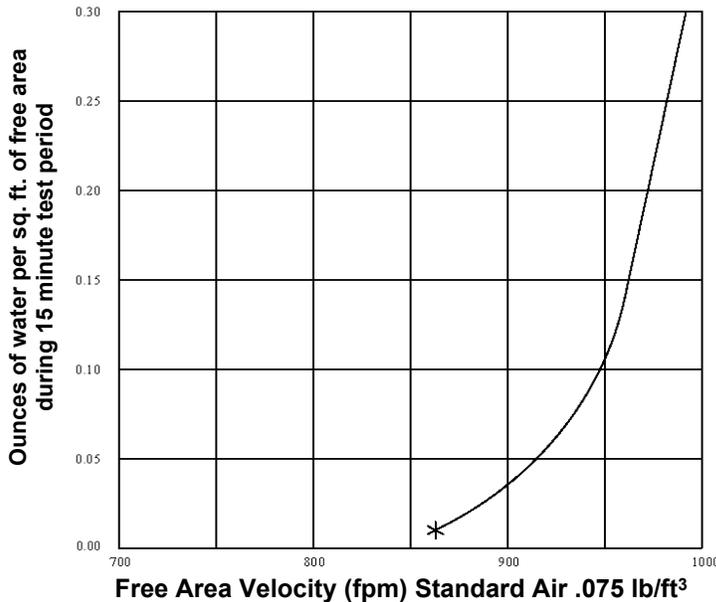
LOUVER HEIGHT IN INCHES

	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
12	0.34	0.54	0.75	0.96	1.16	1.37	1.58	1.78	1.99	2.20	2.40	2.61	2.82	3.03	3.23	3.44	3.65	3.85	4.06
18	0.60	0.98	1.35	1.72	2.09	2.47	2.84	3.21	3.58	3.95	4.33	4.70	5.07	5.44	5.81	6.19	6.56	6.93	7.30
24	0.83	1.35	1.86	2.38	2.89	3.40	3.92	4.43	4.95	5.46	5.97	6.49	7.00	7.51	8.03	8.54	9.06	9.57	10.08
30	1.04	1.69	2.33	2.97	3.61	4.26	4.90	5.54	6.18	6.82	7.47	8.11	8.75	9.39	10.04	10.68	11.32	11.96	12.60
36	1.31	2.12	2.93	3.74	4.55	5.36	6.17	6.98	7.79	8.60	9.41	10.22	11.02	11.83	12.64	13.45	14.26	15.07	15.88
42	1.57	2.53	3.49	4.45	5.42	6.38	7.34	8.31	9.27	10.23	11.20	12.16	13.12	14.09	15.05	16.01	16.97	17.94	18.90
48	1.83	2.96	4.09	5.22	6.35	7.48	8.65	9.73	10.86	11.99	13.12	14.25	15.37	16.50	17.63	18.76	19.89	21.02	22.15
54	2.09	3.37	4.66	5.94	7.23	8.51	9.79	11.08	12.36	13.65	14.93	16.22	17.50	18.79	20.07	21.36	22.64	23.93	25.21
60	2.30	3.71	5.12	6.54	7.95	9.36	10.77	12.19	13.60	15.01	16.43	17.84	19.25	20.67	22.08	23.49	24.90	26.32	27.73
66	2.53	4.08	5.63	7.19	8.74	10.30	11.85	13.40	14.96	16.51	18.07	19.62	21.17	22.73	24.28	25.84	27.39	28.94	30.50
72	2.79	4.51	6.23	7.95	9.67	11.39	13.11	14.83	16.55	18.27	19.99	21.71	23.42	25.14	26.86	28.58	30.30	32.02	33.74
78	3.06	4.95	6.83	8.72	10.60	12.48	14.37	16.25	18.14	20.02	21.91	23.79	25.68	27.56	29.44	31.33	33.21	35.10	36.98
84	3.34	5.40	7.45	9.51	11.56	13.62	15.67	17.73	19.78	21.84	23.89	25.95	28.00	30.06	32.11	34.17	36.23	38.28	40.34
90	3.55	5.73	7.92	10.10	12.28	14.47	16.65	18.84	21.02	23.20	25.39	27.57	29.75	31.94	34.12	36.31	38.49	40.67	42.86
96	3.76	6.07	8.38	10.69	13.01	15.32	17.63	19.94	22.26	24.57	26.88	29.19	31.50	33.82	36.13	38.44	40.75	43.07	45.38
102	4.02	6.50	8.97	11.45	13.92	16.40	18.88	21.35	23.83	26.30	28.78	31.25	33.73	36.20	38.68	41.15	43.63	46.11	48.58
108	4.29	6.93	9.57	12.21	14.85	17.49	20.13	22.78	25.42	28.06	30.70	33.34	35.98	38.62	41.26	43.90	46.54	49.18	51.82
114	4.56	7.37	10.17	12.98	15.78	18.59	21.39	24.20	27.01	29.81	32.62	35.42	38.23	41.03	43.84	46.65	49.45	52.26	55.06
120	4.80	7.76	10.71	13.66	16.62	19.57	22.53	25.48	28.44	31.39	34.35	37.30	40.26	43.21	46.16	49.12	52.07	55.03	57.98

# 4D375-CF/FF PERFORMANCE DATA SHEET

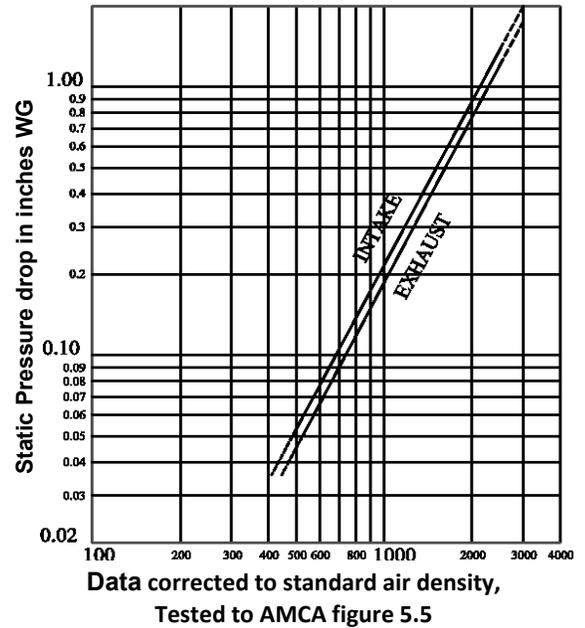
## WATER PENETRATION

\* Beginning point of water penetration is 863 fpm



## PRESSURE DROP

(Based on 48" x 48" louver)



### WATER PENETRATION

AMCA defines the beginning point of water penetration as the free area velocity at which 0.01 ounces or less of water per square foot of louver free area is measured to pass through a 48" x 48" louver during a 15 minute period. The AMCA water penetration test provides test data for the comparison of louver designs as to efficiency in resisting the penetration of rainfall under specific laboratory test conditions.

### Louver size determination

_____ cfm / _____ fpm = _____ ft <sup>2</sup>
air flow volume      free area velocity @ beginning point of water penetration      Required Louver Free Area
<b>Select louver size from Free Area Chart below, based on required louver free area above</b>
<b>Determine pressure drop from Pressure Drop Chart based on required louver free area above</b>



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## 4D375-CF/FF FREE AREA CHART

Free area chart shows square feet of free area for various louver sizes

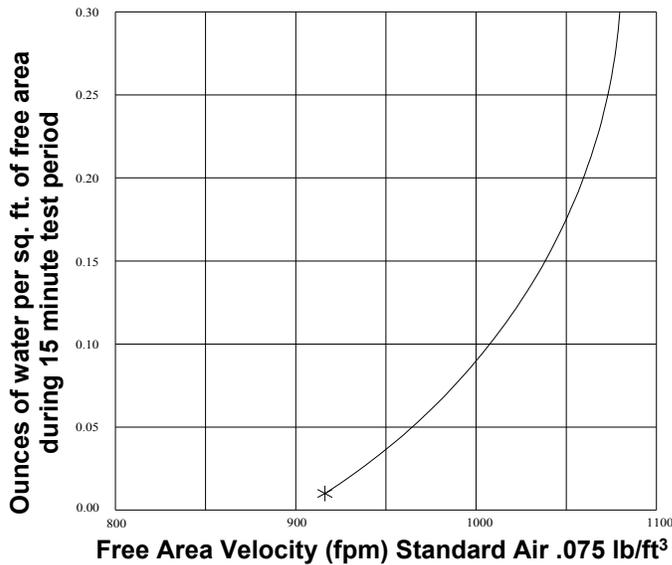
LOUVER WIDTH IN INCHES

LOUVER HEIGHT IN INCHES		12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
	12	0.34	0.54	0.75	0.96	1.16	1.37	1.58	1.78	1.99	2.20	2.40	2.61	2.82	3.03	3.23	3.44	3.65	3.85	4.06
	18	0.60	0.98	1.35	1.72	2.09	2.47	2.84	3.21	3.58	3.95	4.33	4.70	5.07	5.44	5.81	6.19	6.56	6.93	7.30
	24	0.83	1.35	1.86	2.38	2.89	3.40	3.92	4.43	4.95	5.46	5.97	6.49	7.00	7.51	8.03	8.54	9.06	9.57	10.08
	30	1.04	1.69	2.33	2.97	3.61	4.26	4.90	5.54	6.18	6.82	7.47	8.11	8.75	9.39	10.04	10.68	11.32	11.96	12.60
	36	1.31	2.12	2.93	3.74	4.55	5.36	6.17	6.98	7.79	8.60	9.41	10.22	11.02	11.83	12.64	13.45	14.26	15.07	15.88
	42	1.57	2.53	3.49	4.45	5.42	6.38	7.34	8.31	9.27	10.23	11.20	12.16	13.12	14.09	15.05	16.01	16.97	17.94	18.90
	48	1.83	2.96	4.09	5.22	6.35	7.48	8.50	9.73	10.86	11.99	13.12	14.25	15.37	16.50	17.63	18.76	19.89	21.02	22.15
	54	2.09	3.37	4.66	5.94	7.23	8.51	9.79	11.08	12.36	13.65	14.93	16.22	17.50	18.79	20.07	21.36	22.64	23.93	25.21
	60	2.30	3.71	5.12	6.54	7.95	9.36	10.77	12.19	13.60	15.01	16.43	17.84	19.25	20.67	22.08	23.49	24.90	26.32	27.73
	66	2.53	4.08	5.63	7.19	8.74	10.30	11.85	13.40	14.96	16.51	18.07	19.62	21.17	22.73	24.28	25.84	27.39	28.94	30.50
	72	2.79	4.51	6.23	7.95	9.67	11.39	13.11	14.83	16.55	18.27	19.99	21.71	23.42	25.14	26.86	28.58	30.30	32.02	33.74
	78	3.06	4.95	6.83	8.72	10.60	12.48	14.37	16.25	18.14	20.02	21.91	23.79	25.68	27.56	29.44	31.33	33.21	35.10	36.98
	84	3.34	5.40	7.45	9.51	11.56	13.62	15.67	17.73	19.78	21.84	23.89	25.95	28.00	30.06	32.11	34.17	36.23	38.28	40.34
	90	3.55	5.73	7.92	10.10	12.28	14.47	16.65	18.84	21.02	23.20	25.39	27.57	29.75	31.94	34.12	36.31	38.49	40.67	42.86
	96	3.76	6.07	8.38	10.69	13.01	15.32	17.63	19.94	22.26	24.57	26.88	29.19	31.50	33.82	36.13	38.44	40.75	43.07	45.38
	102	4.02	6.50	8.97	11.45	13.92	16.40	18.88	21.35	23.83	26.30	28.78	31.25	33.73	36.20	38.68	41.15	43.63	46.11	48.58
	108	4.29	6.93	9.57	12.21	14.85	17.49	20.13	22.78	25.42	28.06	30.70	33.34	35.98	38.62	41.26	43.90	46.54	49.18	51.82
	114	4.56	7.37	10.17	12.98	15.78	18.59	21.39	24.20	27.01	29.81	32.62	35.42	38.23	41.03	43.84	46.65	49.45	52.26	55.06
	120	4.80	7.76	10.71	13.66	16.62	19.57	22.53	25.48	28.44	31.39	34.35	37.30	40.26	43.21	46.16	49.12	52.07	55.03	57.98

# 6Z375-CF/FF PERFORMANCE DATA SHEET

## WATER PENETRATION

\* Beginning point of water penetration is 916 fpm



## WATER PENETRATION

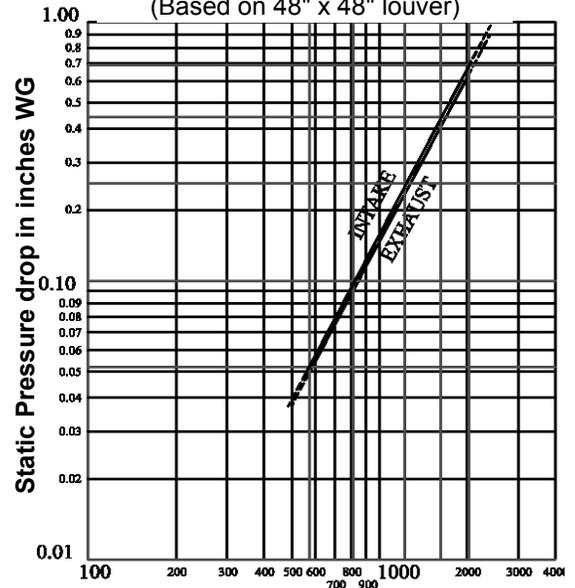
AMCA defines the beginning point of water penetration as the free area velocity at which 0.01 ounces or less of water per square foot of louver free area is measured to pass through a 48" x 48" louver during a 15 minute period. The AMCA water penetration test provides test data for the comparison of louver designs as to efficiency in resisting the penetration of rainfall under specific laboratory test conditions.



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## PRESSURE DROP

(Based on 48" x 48" louver)



Data corrected to standard air density,  
Tested to AMCA figure 5.5

### Louver size determination

$\frac{\text{cfm}}{\text{ft}^2} = \text{fpm}$	$\frac{\text{cfm}}{\text{ft}^2} = \text{fpm}$	$\text{ft}^2$
air flow volume	free area velocity @ beginning point of water penetration	Required Louver Free Area
<b>Select louver size from Free Area Chart below, based on required louver free area above</b>		
<b>Determine pressure drop from Pressure Drop Chart based on required louver free area above</b>		

## 6Z375-CF/FF FREE AREA CHART

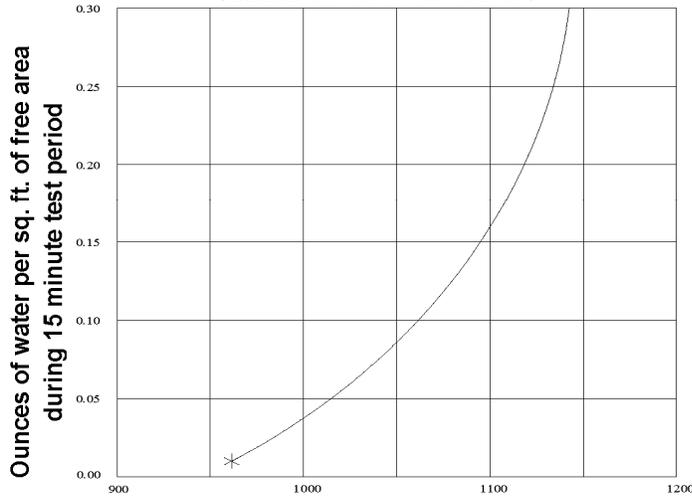
Free area chart shows square feet of free area for various louver sizes  
**LOUVER WIDTH IN INCHES**

<b>LOUVER HEIGHT IN INCHES</b>		12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
	12	0.28	0.46	0.63	0.80	0.98	1.15	1.33	1.50	1.67	1.85	2.02	2.19	2.37	2.54	2.72	2.89	3.06	3.24	3.41
	18	0.56	0.90	1.24	1.58	1.92	2.27	2.61	2.95	3.29	3.63	3.98	4.32	4.66	5.00	5.34	5.69	6.03	6.37	6.71
	24	0.83	1.34	1.85	2.36	2.87	3.38	3.89	4.40	4.91	5.42	5.93	6.44	6.95	7.46	7.97	8.48	8.99	9.50	10.01
	30	1.10	1.78	2.46	3.14	3.82	4.50	5.17	5.85	6.53	7.21	7.89	8.57	9.25	9.92	10.60	11.28	11.96	12.64	13.32
	36	1.38	2.22	3.07	3.92	4.76	5.61	6.46	7.30	8.15	9.00	9.84	10.69	11.54	12.38	13.23	14.08	14.92	15.77	16.62
	42	1.65	2.66	3.68	4.69	5.71	6.72	7.74	8.75	9.77	10.78	11.80	12.81	13.83	14.84	15.86	16.88	17.89	18.91	19.92
	48	1.92	3.11	4.29	5.47	6.66	7.84	9.17	10.21	11.39	12.57	13.76	14.94	16.12	17.31	18.49	19.67	20.86	22.04	23.22
	54	2.20	3.55	4.90	6.25	7.60	8.95	10.31	11.66	13.01	14.36	15.71	17.06	18.41	19.77	21.12	22.47	23.82	25.17	26.52
	60	2.47	3.99	5.51	7.03	8.55	10.07	11.59	13.11	14.63	16.15	17.67	19.19	20.71	22.23	23.75	25.27	26.79	28.31	29.83
	66	2.74	4.43	6.12	7.81	9.50	11.18	12.87	14.56	16.25	17.94	19.62	21.31	23.00	24.69	26.38	28.06	29.75	31.44	33.13
	72	3.02	4.87	6.73	8.59	10.44	12.30	14.15	16.01	17.87	19.72	21.58	23.44	25.29	27.15	29.01	30.86	32.72	34.57	36.43
	78	3.29	5.31	7.34	9.36	11.39	13.41	15.44	17.46	19.49	21.51	23.54	25.56	27.59	29.61	31.63	33.66	35.68	37.71	39.73
	84	3.56	5.76	7.95	10.14	12.33	14.53	16.72	18.91	21.11	23.30	25.49	27.69	29.88	32.07	34.26	36.46	38.65	40.84	43.04
	90	3.84	6.20	8.56	10.92	13.28	15.64	18.00	20.36	22.73	25.09	27.45	29.81	32.17	34.53	36.89	39.25	41.61	43.98	46.34
	96	4.11	6.64	9.17	11.70	14.23	16.76	19.29	21.82	24.35	26.87	29.40	31.93	34.46	36.99	39.52	42.05	44.58	47.11	49.64
102	4.38	7.08	9.78	12.48	15.17	17.87	20.57	23.27	25.97	28.66	31.36	34.06	36.76	39.45	42.15	44.85	47.55	50.24	52.94	
108	4.66	7.52	10.39	13.25	16.12	18.99	21.85	24.72	27.58	30.45	33.32	36.18	39.05	41.91	44.78	47.65	50.51	53.38	56.24	
114	4.93	7.96	11.00	14.03	17.07	20.10	23.14	26.17	29.20	32.24	35.27	38.31	41.34	44.38	47.41	50.44	53.48	56.51	59.55	
120	5.20	8.41	11.61	14.81	18.01	21.22	24.42	27.62	30.82	34.03	37.23	40.43	43.63	46.84	50.04	53.24	56.44	59.65	62.85	

# 6D375-CF/FF PERFORMANCE DATA SHEET

## WATER PENETRATION

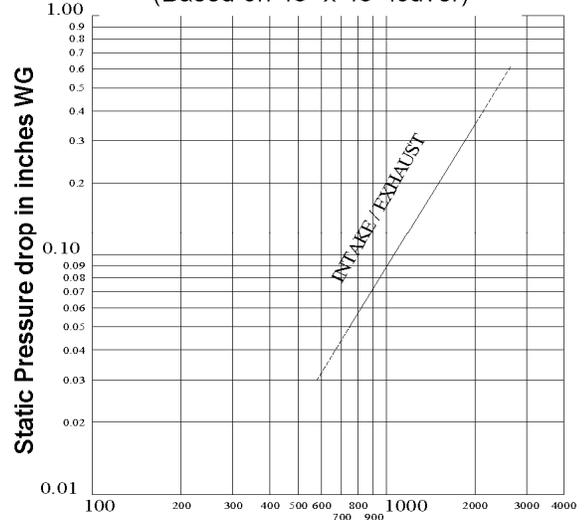
\* Beginning point of water penetration is 962 fpm  
(Based on 48" x 48" louver)



Free Area Velocity (fpm) Standard Air .075 lb/ft³

## PRESSURE DROP

(Based on 48" x 48" louver)



Data corrected to standard air density,  
Tested to AMCA figure 5.5

### WATER PENETRATION

AMCA defines the beginning point of water penetration as the free area velocity at which 0.01 ounces or less of water per square foot of louver free area is measured to pass through a 48" x 48" louver during a 15 minute period. The AMCA water penetration test provides test data for the comparison of louver designs as to efficiency in resisting the penetration of rainfall under specific laboratory test conditions.

### Louver size determination

_____ cfm /	_____ fpm =	_____ ft <sup>2</sup>
air flow volume	free area velocity @ beginning point of water penetration	Required Louver Free Area
<b>Select louver size from Free Area Chart below, based on required louver free area above</b>		
<b>Determine pressure drop from Pressure Drop Chart based on required louver free area above</b>		



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## 6D375-CF/FF FREE AREA CHART

Free area chart shows square feet of free area for various louver sizes  
LOUVER WIDTH IN INCHES

LOUVER HEIGHT IN INCHES	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
12	0.28	0.46	0.63	0.80	0.98	1.15	1.33	1.50	1.67	1.85	2.02	2.19	2.37	2.54	2.72	2.89	3.06	3.24	3.41
18	0.56	0.90	1.24	1.58	1.92	2.27	2.61	2.95	3.29	3.63	3.98	4.32	4.66	5.00	5.34	5.69	6.03	6.37	6.71
24	0.83	1.34	1.85	2.36	2.87	3.38	3.89	4.40	4.91	5.42	5.93	6.44	6.95	7.46	7.97	8.48	8.99	9.50	10.01
30	1.10	1.78	2.46	3.14	3.82	4.50	5.17	5.85	6.53	7.21	7.89	8.57	9.25	9.92	10.60	11.28	11.96	12.64	13.32
36	1.38	2.22	3.07	3.92	4.76	5.61	6.46	7.30	8.15	9.00	9.84	10.69	11.54	12.38	13.23	14.08	14.92	15.77	16.62
42	1.65	2.66	3.68	4.69	5.71	6.72	7.74	8.75	9.77	10.78	11.80	12.81	13.83	14.84	15.86	16.88	17.89	18.91	19.92
48	1.92	3.11	4.29	5.47	6.66	7.84	9.17	10.21	11.39	12.57	13.76	14.94	16.12	17.31	18.49	19.67	20.86	22.04	23.22
54	2.20	3.55	4.90	6.25	7.60	8.95	10.31	11.66	13.01	14.36	15.71	17.06	18.41	19.77	21.12	22.47	23.82	25.17	26.52
60	2.47	3.99	5.51	7.03	8.55	10.07	11.59	13.11	14.63	16.15	17.67	19.19	20.71	22.23	23.75	25.27	26.79	28.31	29.83
66	2.74	4.43	6.12	7.81	9.50	11.18	12.87	14.56	16.25	17.94	19.62	21.31	23.00	24.69	26.38	28.06	29.75	31.44	33.13
72	3.02	4.87	6.73	8.59	10.44	12.30	14.15	16.01	17.87	19.72	21.58	23.44	25.29	27.15	29.01	30.86	32.72	34.57	36.43
78	3.29	5.31	7.34	9.36	11.39	13.41	15.44	17.46	19.49	21.51	23.54	25.56	27.59	29.61	31.63	33.66	35.68	37.71	39.73
84	3.56	5.76	7.95	10.14	12.33	14.53	16.72	18.91	21.11	23.30	25.49	27.69	29.88	32.07	34.26	36.46	38.65	40.84	43.04
90	3.84	6.20	8.56	10.92	13.28	15.64	18.00	20.36	22.73	25.09	27.45	29.81	32.17	34.53	36.89	39.25	41.61	43.98	46.34
96	4.11	6.64	9.17	11.70	14.23	16.76	19.29	21.82	24.35	26.87	29.40	31.93	34.46	36.99	39.52	42.05	44.58	47.11	49.64
102	4.38	7.08	9.78	12.48	15.17	17.87	20.57	23.27	25.97	28.66	31.36	34.06	36.76	39.45	42.15	44.85	47.55	50.24	52.94
108	4.66	7.52	10.39	13.25	16.12	18.99	21.85	24.72	27.58	30.45	33.32	36.18	39.05	41.91	44.78	47.65	50.51	53.38	56.24
114	4.93	7.96	11.00	14.03	17.07	20.10	23.14	26.17	29.20	32.24	35.27	38.31	41.34	44.38	47.41	50.44	53.48	56.51	59.55
120	5.20	8.41	11.61	14.81	18.01	21.22	24.42	27.62	30.82	34.03	37.23	40.43	43.63	46.84	50.04	53.24	56.44	59.65	62.85

# 5WDR L PERFORMANCE DATA SHEET



Air Performance certifies that louver shown herein is licensed to bear the AMCA Seal. Ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Ratings seal applies to air performance, water penetration, and wind-driven rain ratings only.

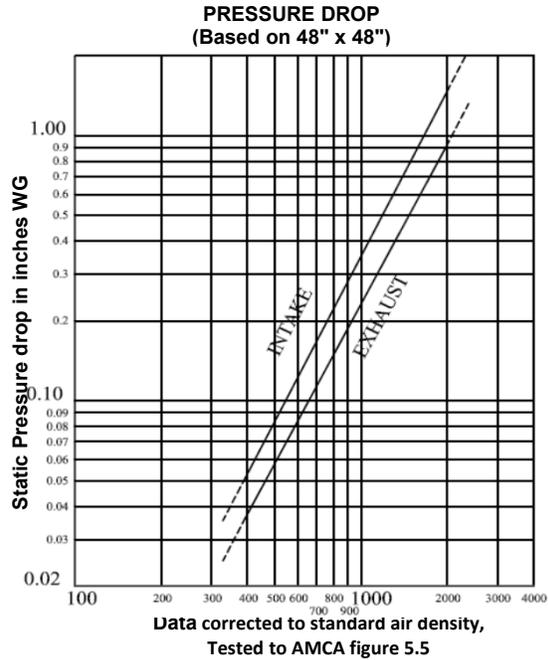
## WIND-DRIVEN RAIN PERFORMANCE

Test size is 39.375" x 39.375" Core Area

Wind Velocity (mph)	Rain Fall Rate (in./hr.)	Core Velocity fpm	Airflow cfm	Free Area Velocity fpm	Effectiveness	Class	Discharge Loss Class
29	3	279	3009	476	99.1	A	2
29	3	369	3972	628	97.8	B	2

Discharge Loss Coefficient Classifications	
Class	Discharge Loss Coefficient
1	0.4 and Above
2	0.3 to 0.399
3	0.2 to 0.299
4	0.199 and Below

Wind-driven Rain Penetration Classes	
Class	Effectiveness
A	1 to 0.99
B	0.989 to 0.95
C	0.949 to 0.80
D	Below 0.80



## 5WDR L FREE AREA CHART

(Free Area Chart shows free area in ft<sup>2</sup>)

LOUVER WIDTH IN INCHES

LOUVER HEIGHT IN INCHES	LOUVER WIDTH IN INCHES																		
	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
12	0.29	0.47	0.65	0.82	1.00	1.18	1.36	1.54	1.71	1.89	2.07	2.25	2.43	2.61	2.78	2.96	3.14	3.32	3.50
18	0.53	0.85	1.18	1.50	1.83	2.15	2.48	2.80	3.13	3.45	3.78	4.10	4.43	4.75	5.08	5.40	5.73	6.05	6.38
24	0.79	1.28	1.77	2.25	2.74	3.23	3.72	4.20	4.69	5.18	5.67	6.15	6.64	7.13	7.62	8.10	8.59	9.08	9.57
30	1.06	1.71	2.36	3.01	3.66	4.31	4.96	5.61	6.26	6.91	7.56	8.21	8.86	9.51	10.16	10.81	11.46	12.11	12.76
36	1.30	2.10	2.90	3.70	4.50	5.30	6.10	6.90	7.70	8.50	9.30	10.10	10.90	11.70	12.50	13.30	14.10	14.90	15.70
42	1.54	2.49	3.43	4.38	5.33	6.27	7.22	8.17	9.11	10.06	11.01	11.95	12.90	13.85	14.79	15.74	16.69	17.64	18.58
48	1.78	2.87	3.96	5.06	6.15	7.25	8.34	9.43	10.53	11.62	12.72	13.81	14.90	16.00	17.09	18.18	19.28	20.37	21.47
54	2.02	3.27	4.52	5.76	7.01	8.25	9.50	10.75	11.99	13.24	14.48	15.73	16.97	18.22	19.47	20.71	21.96	23.20	24.45
60	2.29	3.70	5.11	6.51	7.92	9.33	10.74	12.15	13.56	14.96	16.37	17.78	19.19	20.60	22.01	23.41	24.82	26.23	27.64
66	2.55	4.12	5.69	7.26	8.82	10.39	11.96	13.53	15.10	16.67	18.24	19.81	21.37	22.94	24.51	26.08	27.65	29.22	30.79
72	2.79	4.51	6.23	7.94	9.66	11.38	13.10	14.82	16.53	18.25	19.97	21.69	23.40	25.12	26.84	28.56	30.28	31.99	33.71
78	3.03	4.89	6.76	8.62	10.49	12.35	14.22	16.08	17.95	19.81	21.68	23.54	25.41	27.27	29.13	31.00	32.86	34.73	36.59
84	3.27	5.27	7.28	9.29	11.30	13.31	15.32	17.33	19.34	21.35	23.36	25.37	27.38	29.39	31.40	33.41	35.42	37.43	39.44
90	3.52	5.69	7.85	10.02	12.19	14.35	16.52	18.69	20.85	23.02	25.19	27.35	29.52	31.69	33.85	36.02	38.19	40.35	42.52
96	3.78	6.11	8.44	10.77	13.10	15.43	17.76	20.09	22.42	24.75	27.08	29.41	31.73	34.06	36.39	38.72	41.05	43.38	45.71
102	4.04	6.52	9.01	11.49	13.97	16.46	18.94	21.43	23.91	26.40	28.88	31.37	33.85	36.33	38.82	41.30	43.79	46.27	48.76
108	4.28	6.91	9.54	12.17	14.80	17.43	20.06	22.69	25.33	27.96	30.59	33.22	35.85	38.48	41.11	43.75	46.38	49.01	51.64
114	4.51	7.29	10.07	12.85	15.63	18.41	21.18	23.96	26.74	29.52	32.30	35.07	37.85	40.63	43.41	46.19	48.97	51.74	54.52
120	4.75	7.68	10.60	13.53	16.45	19.38	22.30	25.23	28.15	31.08	34.00	36.93	39.85	42.78	45.70	48.63	51.55	54.48	57.40

# 5WDRL-HP PERFORMANCE DATA SHEET



Air Performance certifies that louver shown herein is licensed to bear the AMCA Seal. Ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Ratings seal applies to air performance, water penetration, and wind-driven rain ratings only.

## WIND-DRIVEN RAIN PERFORMANCE

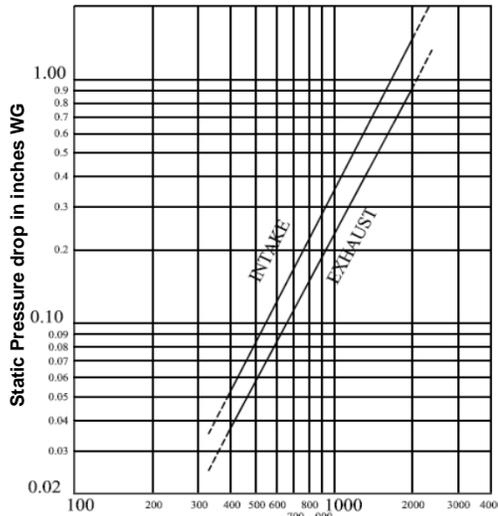
Test size is 39.375" x 39.375" Core Area

Wind Velocity (mph)	Rain Fall Rate (in./hr.)	Core Velocity fpm	Airflow cfm	Free Area Velocity fpm	Effectiveness	Class	Discharge Loss Class
29	3	593	6387	1150	99.3	A	3
29	3	993	10695	1925	85.6	C	3

Discharge Loss Coefficient Classifications	
Class	Discharge Loss Coefficient
1	0.4 and Above
2	0.3 to 0.399
3	0.2 to 0.299
4	0.199 and Below

Wind-driven Rain Penetration Classes	
Class	Effectiveness
A	1 to 0.99
B	0.989 to 0.95
C	0.949 to 0.80
D	Below 0.80

## PRESSURE DROP (Based on 48" x 48")



Data corrected to standard air density,  
Tested to AMCA figure 5.5

## 5WDRL-HP FREE AREA CHART (Free Area Chart shows free area in ft<sup>2</sup>)

LOUVER WIDTH IN INCHES

LOUVER HEIGHT IN INCHES	LOUVER WIDTH IN INCHES																		
	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
12	0.29	0.47	0.65	0.82	1.00	1.18	1.36	1.54	1.71	1.89	2.07	2.25	2.43	2.61	2.78	2.96	3.14	3.32	3.50
18	0.53	0.85	1.18	1.50	1.83	2.15	2.48	2.80	3.13	3.45	3.78	4.10	4.43	4.75	5.08	5.40	5.73	6.05	6.38
24	0.79	1.28	1.77	2.25	2.74	3.23	3.72	4.20	4.69	5.18	5.67	6.15	6.64	7.13	7.62	8.10	8.59	9.08	9.57
30	1.06	1.71	2.36	3.01	3.66	4.31	4.96	5.61	6.26	6.91	7.56	8.21	8.86	9.51	10.16	10.81	11.46	12.11	12.76
36	1.30	2.10	2.90	3.70	4.50	5.30	6.10	6.90	7.70	8.50	9.30	10.10	10.90	11.70	12.50	13.30	14.10	14.90	15.70
42	1.54	2.49	3.43	4.38	5.33	6.27	7.22	8.17	9.11	10.06	11.01	11.95	12.90	13.85	14.79	15.74	16.69	17.64	18.58
48	1.78	2.87	3.96	5.06	6.15	7.25	8.34	9.43	10.53	11.62	12.72	13.81	14.90	16.00	17.09	18.18	19.28	20.37	21.47
54	2.02	3.27	4.52	5.76	7.01	8.25	9.50	10.75	11.99	13.24	14.48	15.73	16.97	18.22	19.47	20.71	21.96	23.20	24.45
60	2.29	3.70	5.11	6.51	7.92	9.33	10.74	12.15	13.56	14.96	16.37	17.78	19.19	20.60	22.01	23.41	24.82	26.23	27.64
66	2.55	4.12	5.69	7.26	8.82	10.39	11.96	13.53	15.10	16.67	18.24	19.81	21.37	22.94	24.51	26.08	27.65	29.22	30.79
72	2.79	4.51	6.23	7.94	9.66	11.38	13.10	14.82	16.53	18.25	19.97	21.69	23.40	25.12	26.84	28.56	30.28	31.99	33.71
78	3.03	4.89	6.76	8.62	10.49	12.35	14.22	16.08	17.95	19.81	21.68	23.54	25.41	27.27	29.13	31.00	32.86	34.73	36.59
84	3.27	5.27	7.28	9.29	11.30	13.31	15.32	17.33	19.34	21.35	23.36	25.37	27.38	29.39	31.40	33.41	35.42	37.43	39.44
90	3.52	5.69	7.85	10.02	12.19	14.35	16.52	18.69	20.85	23.02	25.19	27.35	29.52	31.69	33.85	36.02	38.19	40.35	42.52
96	3.78	6.11	8.44	10.77	13.10	15.43	17.76	20.09	22.42	24.75	27.08	29.41	31.73	34.06	36.39	38.72	41.05	43.38	45.71
102	4.04	6.52	9.01	11.49	13.97	16.46	18.94	21.43	23.91	26.40	28.88	31.37	33.85	36.33	38.82	41.30	43.79	46.27	48.76
108	4.28	6.91	9.54	12.17	14.80	17.43	20.06	22.69	25.33	27.96	30.59	33.22	35.85	38.48	41.11	43.75	46.38	49.01	51.64
114	4.51	7.29	10.07	12.85	15.63	18.41	21.18	23.96	26.74	29.52	32.30	35.07	37.85	40.63	43.41	46.19	48.97	51.74	54.52
120	4.75	7.68	10.60	13.53	16.45	19.38	22.30	25.23	28.15	31.08	34.00	36.93	39.85	42.78	45.70	48.63	51.55	54.48	57.40

# 5WDRL-V PERFORMANCE DATA SHEET



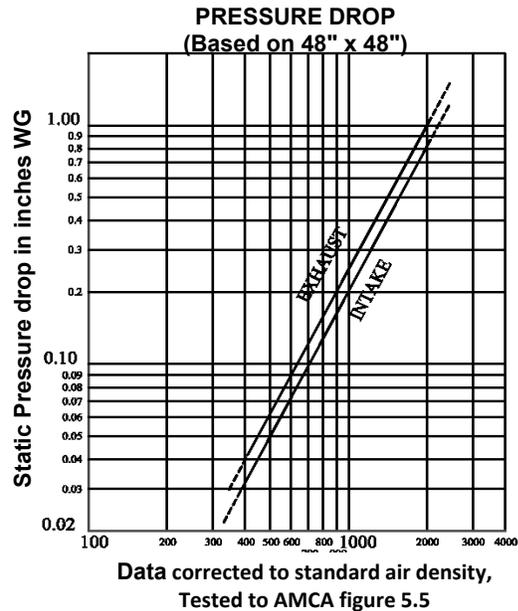
Air Performance certifies that louver shown herein is licensed to bear the AMCA Seal. Ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Ratings seal applies to air performance, water penetration, and wind-driven rain ratings only.

## WIND-DRIVEN RAIN PERFORMANCE

Test size is 39.375" x 39.375" Core Area

Wind Velocity (mph)	Rain Fall Rate (in./hr.)	Core Velocity fpm	Airflow cfm	Free Area Velocity fpm	Effectiveness	Class
29	3	779	8389	1691	100	A
29	3	865	9310	1877	99.9	A
29	3	993	10692	2156	98.2	B
50	8	568	6113	1232	99.3	A
50	8	776	8351	1684	95.9	B

Wind-driven Rain Penetration Classes	
Class	Effectiveness
A	1 to 0.99
B	0.989 to 0.95
C	0.949 to 0.80
D	Below 0.80



## FREE AREA CHART (Free Area Chart shows free area in ft<sup>2</sup>)

		LOUVER WIDTH IN INCHES																			
		12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	
LOUVER HEIGHT IN INCHES	12	4.312	7.65	10.78	14.01	17.25	20.48	23.72	26.95	30.18	33.42	36.65	39.89	43.12	46.35	49.59	52.82	56.06	59.29	62.52	
	18	5.75	0.17	0.30	0.43	0.56	0.69	0.82	0.95	1.08	1.21	1.33	1.46	1.59	1.72	1.85	1.98	2.11	2.24	2.37	2.50
	24	11.75	0.35	0.62	0.88	1.14	1.41	1.67	1.94	2.20	2.46	2.73	2.99	3.25	3.52	3.78	4.05	4.31	4.57	4.84	5.10
	30	17.75	0.53	0.93	1.33	1.73	2.13	2.52	2.92	3.32	3.72	4.12	4.52	4.92	5.32	5.71	6.11	6.51	6.91	7.31	7.71
	36	23.75	0.71	1.24	1.78	2.31	2.84	3.38	3.91	4.44	4.98	5.51	6.05	6.58	7.11	7.65	8.18	8.71	9.25	9.78	10.31
	42	29.75	0.89	1.56	2.23	2.90	3.56	4.23	4.90	5.57	6.24	6.90	7.57	8.24	8.91	9.58	10.24	10.91	11.58	12.25	12.92
	48	35.75	1.07	1.87	2.68	3.48	4.28	5.08	5.89	6.69	7.49	8.30	9.10	9.90	10.71	11.51	12.31	13.11	13.92	14.72	15.52
	54	41.75	1.25	2.19	3.13	4.06	5.00	5.94	6.88	7.81	8.75	9.69	10.63	11.56	12.50	13.44	14.38	15.31	16.25	17.19	18.13
	60	47.75	1.43	2.50	3.57	4.65	5.72	6.79	7.86	8.94	10.01	11.08	12.15	13.23	14.30	15.37	16.44	17.52	18.59	19.66	20.73
	66	53.75	1.61	2.82	4.02	5.23	6.44	7.65	8.85	10.06	11.27	12.47	13.68	14.89	16.10	17.30	18.51	19.72	20.92	22.13	23.34
	72	59.75	1.79	3.13	4.47	5.81	7.16	8.50	9.84	11.18	12.52	13.87	15.21	16.55	17.89	19.23	20.58	21.92	23.26	24.60	25.94
	78	65.75	1.97	3.45	4.92	6.40	7.88	9.35	10.83	12.31	13.78	15.26	16.74	18.21	19.69	21.17	22.64	24.12	25.60	27.07	28.55
84	71.75	2.15	3.76	5.37	6.98	8.59	10.21	11.82	13.43	15.04	16.65	18.26	19.87	21.49	23.10	24.71	26.32	27.93	29.54	31.15	
90	77.75	2.33	4.07	5.82	7.57	9.31	11.06	12.80	14.55	16.30	18.04	19.79	21.54	23.28	25.03	26.77	28.52	30.27	32.01	33.76	
96	83.75	2.51	4.39	6.27	8.15	10.03	11.91	13.79	15.67	17.55	19.44	21.32	23.20	25.08	26.96	28.84	30.72	32.60	34.48	36.36	
102	89.75	2.69	4.70	6.72	8.73	10.75	12.77	14.78	16.80	18.81	20.83	22.84	24.86	26.88	28.89	30.91	32.92	34.94	36.95	38.97	
108	95.75	2.87	5.02	7.17	9.32	11.47	13.62	15.77	17.92	20.07	22.22	24.37	26.52	28.67	30.82	32.97	35.12	37.27	39.42	41.57	
114	101.75	3.05	5.33	7.62	9.90	12.19	14.47	16.76	19.04	21.33	23.61	25.90	28.18	30.47	32.75	35.04	37.32	39.61	41.89	44.18	
120	107.75	3.23	5.65	8.07	10.49	12.91	15.33	17.75	20.17	22.59	25.01	27.43	29.85	32.27	34.69	37.10	39.52	41.94	44.36	46.78	
126	113.75	3.41	5.96	8.52	11.07	13.62	16.18	18.73	21.29	23.84	26.40	28.95	31.51	34.06	36.62	39.17	41.73	44.28	46.83	49.39	

# 7WDRL PERFORMANCE DATA SHEET



Air Performance certifies that louver shown herein is licensed to bear the AMCA Seal. Ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Ratings seal applies to air performance, water penetration, and wind-driven rain ratings only.

## WIND-DRIVEN RAIN PERFORMANCE

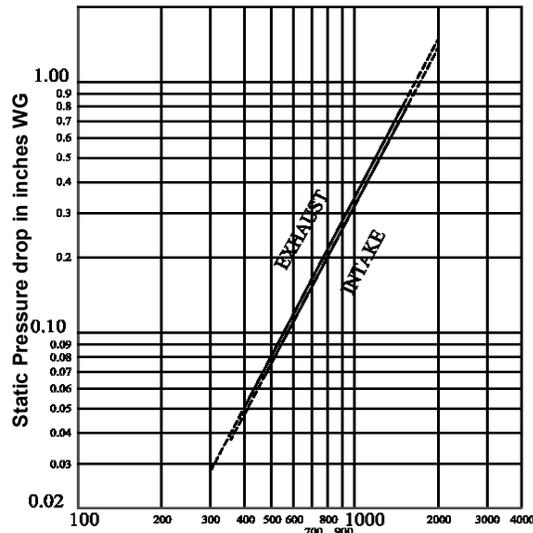
Test size is 39.375" x 39.375" Core Area

Wind Velocity (mph)	Rain Fall Rate (in./hr.)	Core Velocity fpm	Airflow cfm	Free Area Velocity fpm	Effectiveness	Class	Discharge Loss Class
29	3	191	2061	387	99	A	3
29	3	383	4120	776	95.6	B	3

Class	Discharge Loss Coefficient
1	0.4 and Above
2	0.3 to 0.399
3	0.2 to 0.299
4	0.199 and Below

Class	Effectiveness
A	1 to 0.99
B	0.989 to 0.95
C	0.949 to 0.80
D	Below 0.80

## PRESSURE DROP (Based on 48" x 48")



Data corrected to standard air density, Tested to AMCA figure 5.5

## 7WDRL FREE AREA CHART (Free Area Chart shows free area in ft<sup>2</sup>)

LOUVER WIDTH IN INCHES

LOUVER HEIGHT IN INCHES	LOUVER WIDTH IN INCHES																		
	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
12	0.18	0.29	0.40	0.52	0.63	0.74	0.85	0.97	1.08	1.19	1.30	1.42	1.53	1.64	1.76	1.87	1.98	2.09	2.21
18	0.42	0.68	0.95	1.21	1.48	1.74	2.00	2.27	2.53	2.80	3.06	3.33	3.59	3.86	4.12	4.38	4.65	4.91	5.18
24	0.61	1.00	1.39	1.78	2.17	2.55	2.94	3.33	3.72	4.11	4.49	4.88	5.27	5.66	6.05	6.43	6.82	7.21	7.60
30	0.90	1.47	2.04	2.61	3.19	3.76	4.33	4.90	5.47	6.04	6.61	7.18	7.76	8.33	8.90	9.47	10.04	10.61	11.18
36	1.09	1.79	2.48	3.17	3.86	4.56	5.25	5.94	6.63	7.33	8.02	8.71	9.40	10.10	10.79	11.48	12.17	12.87	13.56
42	1.34	2.18	3.03	3.88	4.73	5.57	6.42	7.27	8.12	8.96	9.81	10.66	11.50	12.35	13.20	14.05	14.89	15.74	16.59
48	1.58	2.58	3.57	4.57	5.57	6.57	7.57	8.57	9.57	10.57	11.57	12.57	13.57	14.57	15.56	16.56	17.56	18.56	19.56
54	1.77	2.89	4.02	5.14	6.26	7.39	8.51	9.63	10.75	11.88	13.00	14.12	15.25	16.37	17.49	18.62	19.74	20.86	21.98
60	2.06	3.37	4.67	5.98	7.28	8.59	9.90	11.20	12.51	13.81	15.12	16.42	17.73	19.04	20.34	21.65	22.95	24.26	25.57
66	2.25	3.68	5.11	6.53	7.96	9.39	10.81	12.24	13.67	15.10	16.52	17.95	19.38	20.80	22.23	23.66	25.08	26.51	27.94
72	2.50	4.08	5.66	7.24	8.82	10.41	11.99	13.57	15.15	16.73	18.32	19.90	21.48	23.06	24.65	26.23	27.81	29.39	30.97
78	2.74	4.47	6.20	7.94	9.67	11.40	13.14	14.87	16.61	18.34	20.07	21.81	23.54	25.28	27.01	28.74	30.48	32.21	33.94
84	3.08	5.02	6.97	8.92	10.87	12.82	14.77	16.72	18.67	20.62	22.57	24.52	26.47	28.42	30.37	32.32	34.26	36.21	38.16
90	3.22	5.26	7.30	9.34	11.38	13.42	15.46	17.50	19.54	21.58	23.62	25.66	27.71	29.75	31.79	33.83	35.87	37.91	39.95
96	3.41	5.57	7.73	9.90	12.06	14.22	16.38	18.54	20.71	22.87	25.03	27.19	29.35	31.52	33.68	35.84	38.00	40.16	42.33
102	3.65	5.97	8.29	10.60	12.92	15.24	17.55	19.87	22.19	24.50	26.82	29.14	31.45	33.77	36.09	38.40	40.72	43.04	45.35
108	3.89	6.36	8.83	11.30	13.77	16.24	18.71	21.17	23.64	26.11	28.58	31.05	33.52	35.98	38.45	40.92	43.39	45.86	48.33
114	4.09	6.68	9.27	11.87	14.46	17.05	19.64	22.23	24.83	27.42	30.01	32.60	35.20	37.79	40.38	42.97	45.56	48.16	50.75
120	4.38	7.15	9.93	12.70	15.48	18.25	21.03	23.80	26.58	29.35	32.13	34.91	37.68	40.46	43.23	46.01	48.78	51.56	54.33

**4Z375-CF TRIANGLE STATIONARY LOUVER W/CHANNEL FRAME**

**STANDARD CONSTRUCTION FRAME**

4" deep, 6063-T5 extruded aluminum.  
.081" nominal wall thickness.

**BLADES**  
6063-T5 extruded aluminum.  
.081" nominal wall thickness.  
Blades are positioned at a 37.5° angle and spaced on approximately 5.062" centers.

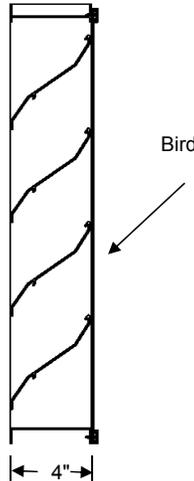
**SCREEN**  
3/4" x .051" thick, flattened expanded metal, aluminum bird screen in removable frame. Screen will add approximately 1/2" to the depth of the louver.

**FINISH**  
Mill

**MINIMUM LOUVER SIZE**  
12"w x 12"h

**MAXIMUM LOUVER SIZE**  
70 sq. ft. per section  
Single section size not to exceed 120"w x 84"h or 84"w x 120"h.  
Louvers exceeding maximum single section size will be built in multiple sections and require field assembly.

**BLADE BRACE SUPPORT ANGLES**  
Depending on louver size, windload or other special requirements, louvers will have rear mounted blade support angles that will increase overall depth of the louver.



**STANDARD FEATURES**

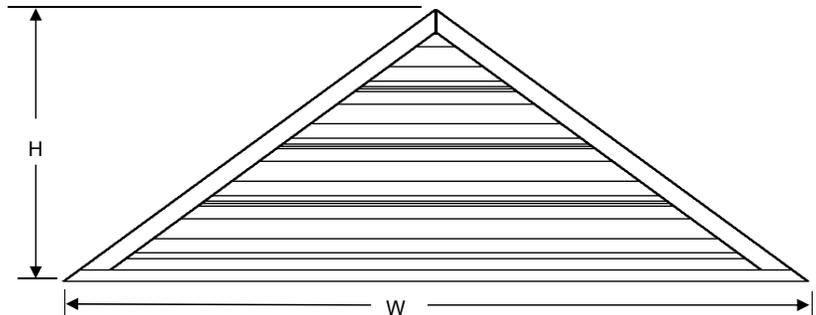
- Aluminum construction providing high resistance to corrosion.
- All welded construction for strength and durability.
- Hidden mullions allow for continuous blade appearance.

**OPTIONS AVAILABLE**

- Options available at additional cost include:
- Security Bars.
  - Bird/Insect screens. (See Screen Submittal)
  - Blank-off Panels. (Standard or insulated)

**FINISHES**

- Baked Enamel.
- Kynar.
- Prime coat.
- Clear and Color Anodized. (Some variation in Anodized color consistency is possible)



**Contact Air Performance for any additional information or special requirements**

**Note: Triangles built 1/4" smaller than opening size.**

QTY	OPENING SIZE (inches)		OPTIONS	TAG
	WIDTH (W)	HEIGHT (H)		

PROJECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

LOCATION: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

DATE: \_\_\_\_\_

ARCHITECT/ENGR: \_\_\_\_\_

**4Z375-FF TRIANGLE STATIONARY LOUVER W/FLANGE FRAME**

**STANDARD CONSTRUCTION**

**FRAME**

4" deep, 6063-T5 extruded aluminum.  
.081" nominal wall thickness.

**BLADES**

6063-T5 extruded aluminum.  
.081" nominal wall thickness.  
Blades are positioned at a 37.5° angle and spaced on approximately 5.062" centers.

**SCREEN**

3/4" x .051" thick, flattened expanded metal, aluminum bird screen in removable frame. Screen will add approximately 1/2" to the depth of the louver.

**FINISH**

Mill

**MINIMUM LOUVER SIZE**

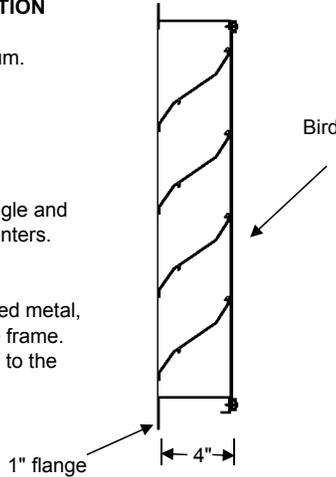
12"w x 12"h

**MAXIMUM LOUVER SIZE**

70 sq. ft. per section  
Single section size not to exceed 120"w x 84"h or 84"w x 120"h.  
Louvers exceeding maximum single section size will be built in multiple sections and require field assembly.

**BLADE BRACE SUPPORT ANGLES**

Depending on louver size, windload or other special requirements, louvers will have rear mounted blade support angles that will increase overall depth of the louver.



**STANDARD FEATURES**

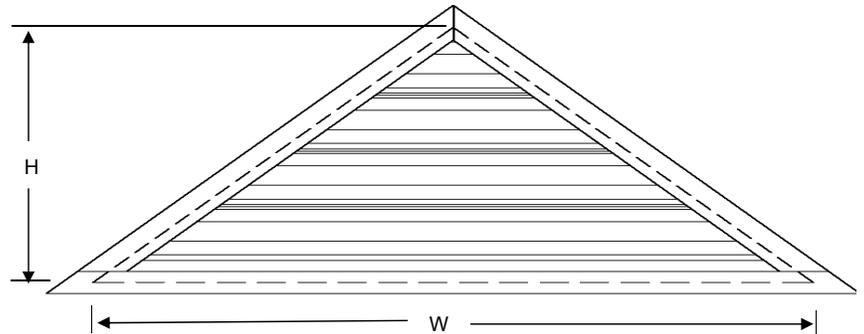
- Aluminum construction providing high resistance to corrosion.
- All welded construction for strength and durability.
- Hidden mullions allow for continuous blade appearance.

**OPTIONS AVAILABLE**

- Options available at additional cost include:
- Security Bars.
  - Bird/Insect screens. (See Screen Submittal)
  - Blank-off Panels. (Standard or insulated)

**FINISHES**

- Baked Enamel.
- Kynar.
- Prime coat.
- Clear and Color Anodized. (Some variation in Anodized color consistency is possible)



**Contact Air Performance for any additional information or special requirements**

**Note: Triangles built 1/4" smaller than opening size.**

QTY	OPENING SIZE (inches)		OPTIONS	TAG
	WIDTH (W)	HEIGHT (H)		

PROJECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

LOCATION: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

DATE: \_\_\_\_\_

ARCHITECT/ENGR: \_\_\_\_\_

**4D375-CF TRIANGLE STATIONARY LOUVER W/CHANNEL FRAME**

**STANDARD CONSTRUCTION**

**FRAME**

4" deep, 6063-T5 extruded aluminum.  
.081" nominal wall thickness.

**BLADES**

6063-T5 extruded aluminum.  
.081" nominal wall thickness.  
Blades are positioned at a 37.5° angle and spaced on approximately 5.062" centers.

**SCREEN**

3/4" x .051" thick, flattened expanded metal, aluminum bird screen in removable frame. Screen will add approximately 1/2" to the depth of the louver.

**FINISH**

Mill

**MINIMUM LOUVER SIZE**

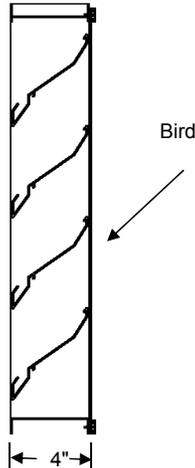
12"w x 12"h

**MAXIMUM LOUVER SIZE**

70 sq. ft. per section  
Single section size not to exceed 120"w x 84"h or 84"w x 120"h.  
Louvers exceeding maximum single section size will be built in multiple sections and require field assembly.

**BLADE BRACE SUPPORT ANGLES**

Depending on louver size, windload or other special requirements, louvers will have rear mounted blade support angles that will increase overall depth of the louver.



**STANDARD FEATURES**

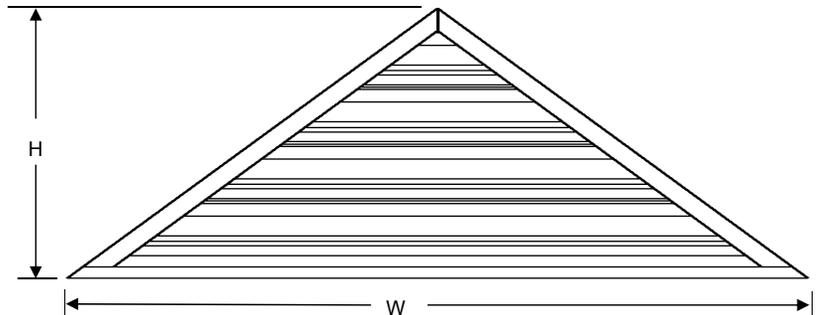
- Aluminum construction providing high resistance to corrosion.
- All welded construction for strength and durability.
- Hidden mullions allow for continuous blade appearance.

**OPTIONS AVAILABLE**

- Options available at additional cost include:
- Security Bars.
  - Bird/Insect screens. (See Screen Submittal)
  - Blank-off Panels. (Standard or insulated)

**FINISHES**

- Baked Enamel.
- Kynar.
- Prime coat.
- Clear and Color Anodized. (Some variation in Anodized color consistency is possible)



**Contact Air Performance for any additional information or special requirements**

**Note: Triangles built 1/4" smaller than opening size.**

QTY	OPENING SIZE (inches)		OPTIONS	TAG
	WIDTH (W)	HEIGHT (H)		

PROJECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

LOCATION: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

DATE: \_\_\_\_\_

ARCHITECT/ENGR: \_\_\_\_\_

**4D375-FF TRIANGLE STATIONARY LOUVER W/FLANGE FRAME**

**STANDARD CONSTRUCTION**

**FRAME**

4" deep, 6063-T5 extruded aluminum.  
.081" nominal wall thickness.

**BLADES**

6063-T5 extruded aluminum.  
.081" nominal wall thickness.  
Blades are positioned at a 37.5° angle and spaced on approximately 5.062" centers.

**SCREEN**

3/4" x .051" thick, flattened expanded metal, aluminum bird screen in removable frame. Screen will add approximately 1/2" to the depth of the louver.

**FINISH**

Mill

**MINIMUM LOUVER SIZE**

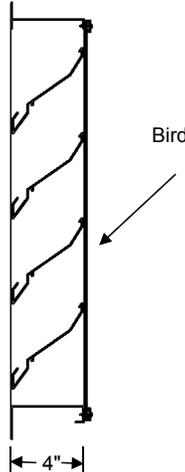
12"w x 12"h

**MAXIMUM LOUVER SIZE**

70 sq. ft. per section  
Single section size not to exceed 120"w x 84"h or 84"w x 120"h.  
Louvers exceeding maximum single section size will be built in multiple sections and require field assembly.

**BLADE BRACE SUPPORT ANGLES**

Depending on louver size, windload or other special requirements, louvers will have rear mounted blade support angles that will increase overall depth of the louver.



**STANDARD FEATURES**

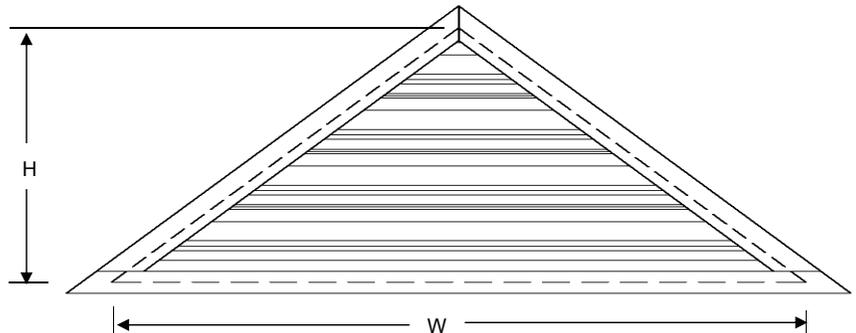
- Aluminum construction providing high resistance to corrosion.
- All welded construction for strength and durability.
- Hidden mullions allow for continuous blade appearance.

**OPTIONS AVAILABLE**

- Options available at additional cost include:
- Security Bars.
  - Bird/Insect screens. (See Screen Submittal)
  - Blank-off Panels. (Standard or insulated)

**FINISHES**

- Baked Enamel.
- Kynar.
- Prime coat.
- Clear and Color Anodized. (Some variation in Anodized color consistency is possible)



**Contact Air Performance for any additional information or special requirements**

**Note: Triangles built 1/4" smaller than opening size.**

QTY	OPENING SIZE (inches)		OPTIONS	TAG
	WIDTH (W)	HEIGHT (H)		

PROJECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

LOCATION: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

DATE: \_\_\_\_\_

ARCHITECT/ENGR: \_\_\_\_\_

**6Z375-CF TRIANGLE STATIONARY LOUVER W/CHANNEL FRAME**

**STANDARD CONSTRUCTION**

**FRAME**

6" deep, 6063-T5 extruded aluminum.  
.125" nominal wall thickness.

**BLADES**

6063-T5 extruded aluminum.  
.125" nominal wall thickness.  
Blades are positioned at a 37.5° angle and spaced on approximately 5.938" centers.

**SCREEN**

3/4" x .051" thick, flattened expanded metal, aluminum bird screen in removable frame. Screen will add approximately 1/2" to the depth of the louver.

**FINISH**

Mill

**MINIMUM LOUVER SIZE**

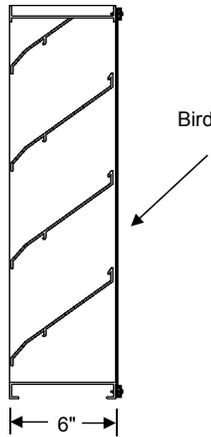
12"w x 12"h

**MAXIMUM LOUVER SIZE**

70 sq. ft. per section  
Single section size not to exceed 120"w x 84"h or 84"w x 120"h.  
Louvers exceeding maximum single section size will be built in multiple sections and require field assembly.

**BLADE BRACE SUPPORT ANGLES**

Depending on louver size, windload or other special requirements, louvers will have rear mounted blade support angles that will increase overall depth of the louver.



**STANDARD FEATURES**

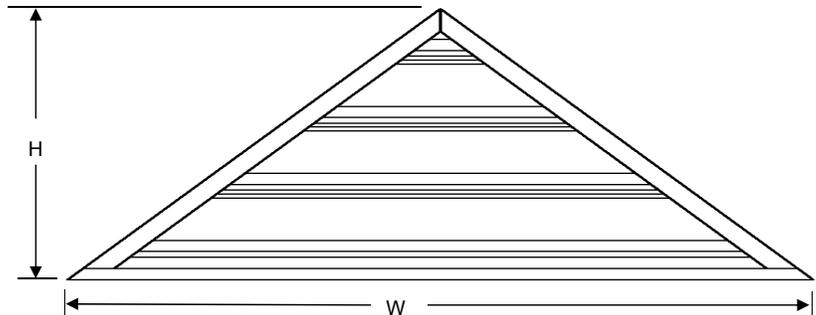
- Aluminum construction providing high resistance to corrosion.
- All welded construction for strength and durability.
- Hidden mullions allow for continuous blade appearance.

**OPTIONS AVAILABLE**

- Options available at additional cost include:
- Security Bars.
  - Bird/Insect screens. (See Screen Submittal)
  - Blank-off Panels. (Standard or insulated)

**FINISHES**

- Baked Enamel.
- Kynar.
- Prime coat.
- Clear and Color Anodized. (Some variation in Anodized color consistency is possible)



**Contact Air Performance for any additional information or special requirements**

**Note: Triangles built 1/4" smaller than opening size.**

QTY	OPENING SIZE (inches)		OPTIONS	TAG
	WIDTH (W)	HEIGHT (H)		

PROJECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

LOCATION: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

DATE: \_\_\_\_\_

ARCHITECT/ENGR: \_\_\_\_\_

**6Z375-FF TRIANGLE STATIONARY LOUVER W/CHANNEL FRAME**

**STANDARD CONSTRUCTION**

**FRAME**

6" deep, 6063-T5 extruded aluminum.  
.125" nominal wall thickness.

**BLADES**

6063-T5 extruded aluminum.  
.125" nominal wall thickness.  
Blades are positioned at a 37.5° angle and spaced on approximately 5.938" centers.

**SCREEN**

3/4" x .051" thick, flattened expanded metal, aluminum bird screen in removable frame. Screen will add approximately 1/2" to the depth of the louver.

**FINISH**

Mill

**MINIMUM LOUVER SIZE**

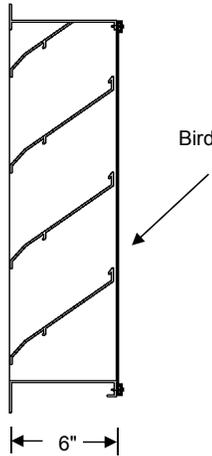
12"w x 12"h

**MAXIMUM LOUVER SIZE**

70 sq. ft. per section  
Single section size not to exceed 120"w x 84"h or 84"w x 120"h.  
Louvers exceeding maximum single section size will be built in multiple sections and require field assembly.

**BLADE BRACE SUPPORT ANGLES**

Depending on louver size, windload or other special requirements, louvers will have rear mounted blade support angles that will increase overall depth of the louver.



**STANDARD FEATURES**

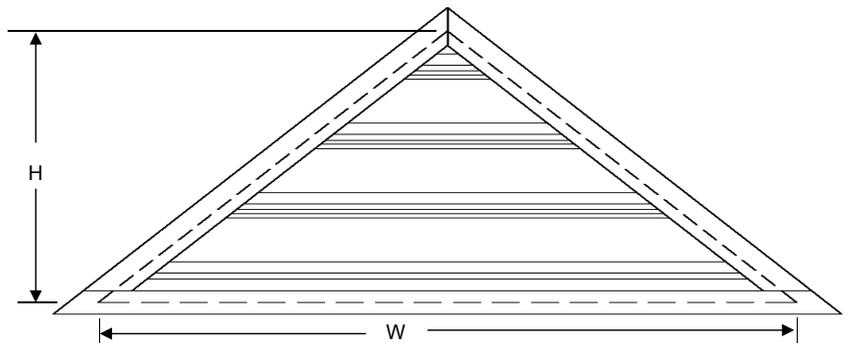
- Aluminum construction providing high resistance to corrosion.
- All welded construction for strength and durability.
- Hidden mullions allow for continuous blade appearance.

**OPTIONS AVAILABLE**

- Options available at additional cost include:
- Security Bars.
  - Bird/Insect screens. (See Screen Submittal)
  - Blank-off Panels. (Standard or insulated)

**FINISHES**

- Baked Enamel.
- Kynar.
- Prime coat.
- Clear and Color Anodized. (Some variation in Anodized color consistency is possible)



**Contact Air Performance for any additional information or special requirements**

**Note: Triangles built 1/4" smaller than opening size.**

QTY	OPENING SIZE (inches)		OPTIONS	TAG
	WIDTH (W)	HEIGHT (H)		

PROJECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

LOCATION: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

DATE: \_\_\_\_\_

ARCHITECT/ENGR: \_\_\_\_\_

**6D375-CF TRIANGLE STATIONARY LOUVER W/CHANNEL FRAME**

**STANDARD CONSTRUCTION**

**FRAME**

6" deep, 6063-T5 extruded aluminum.  
.125" nominal wall thickness.

**BLADES**

6063-T5 extruded aluminum.  
.125" nominal wall thickness.  
Blades are positioned at a 37.5° angle and spaced on approximately 5.938" centers.

**SCREEN**

3/4" x .051" thick, flattened expanded metal, aluminum bird screen in removable frame. Screen will add approximately 1/2" to the depth of the louver.

**FINISH**

Mill

**MINIMUM LOUVER SIZE**

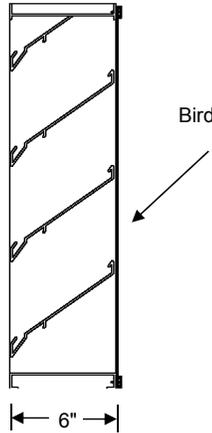
12"w x 12"h

**MAXIMUM LOUVER SIZE**

70 sq. ft. per section  
Single section size not to exceed 120"w x 84"h or 84"w x 120"h.  
Louvers exceeding maximum single section size will be built in multiple sections and require field assembly.

**BLADE BRACE SUPPORT ANGLES**

Depending on louver size, windload or other special requirements, louvers will have rear mounted blade support angles that will increase overall depth of the louver.



**STANDARD FEATURES**

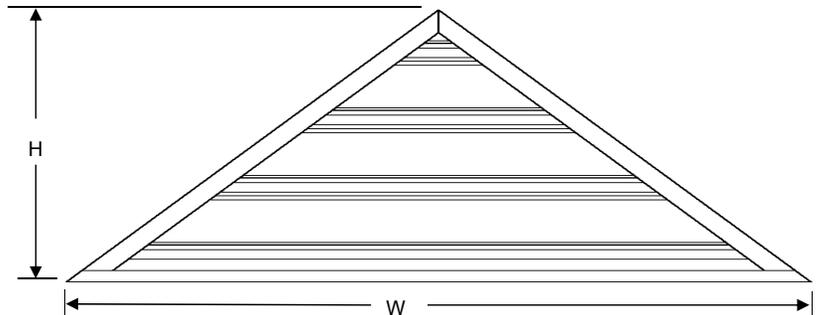
- Aluminum construction providing high resistance to corrosion.
- All welded construction for strength and durability.
- Hidden mullions allow for continuous blade appearance.

**OPTIONS AVAILABLE**

- Options available at additional cost include:
- Security Bars.
  - Bird/Insect screens. (See Screen Submittal)
  - Blank-off Panels. (Standard or insulated)

**FINISHES**

- Baked Enamel.
- Kynar.
- Prime coat.
- Clear and Color Anodized. (Some variation in Anodized color consistency is possible)



**Contact Air Performance for any additional information or special requirements**

**Note: Triangles built 1/4" smaller than opening size.**

QTY	OPENING SIZE (inches)		OPTIONS	TAG
	WIDTH (W)	HEIGHT (H)		

PROJECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

LOCATION: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

DATE: \_\_\_\_\_

ARCHITECT/ENGR: \_\_\_\_\_

**6D375-FF TRIANGLE STATIONARY LOUVER W/CHANNEL FRAME**

**STANDARD CONSTRUCTION**

**FRAME**

6" deep, 6063-T5 extruded aluminum.  
.125" nominal wall thickness.

**BLADES**

6063-T5 extruded aluminum.  
.125" nominal wall thickness.  
Blades are positioned at a 37.5° angle and spaced on approximately 5.938" centers.

**SCREEN**

3/4" x .051" thick, flattened expanded metal, aluminum bird screen in removable frame. Screen will add approximately 1/2" to the depth of the louver.

**FINISH**

Mill

**MINIMUM LOUVER SIZE**

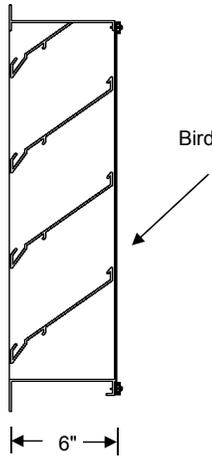
12"w x 12"h

**MAXIMUM LOUVER SIZE**

70 sq. ft. per section  
Single section size not to exceed 120"w x 84"h or 84"w x 120"h.  
Louvers exceeding maximum single section size will be built in multiple sections and require field assembly.

**BLADE BRACE SUPPORT ANGLES**

Depending on louver size, windload or other special requirements, louvers will have rear mounted blade support angles that will increase overall depth of the louver.



**STANDARD FEATURES**

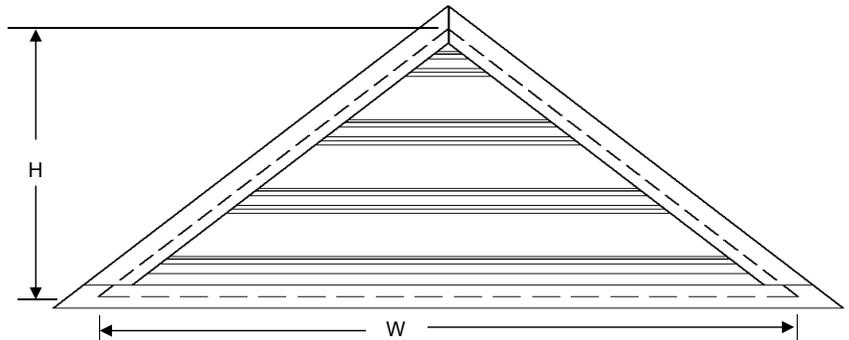
- Aluminum construction providing high resistance to corrosion.
- All welded construction for strength and durability.
- Hidden mullions allow for continuous blade appearance.

**OPTIONS AVAILABLE**

- Options available at additional cost include:
- Security Bars.
  - Bird/Insect screens. (See Screen Submittal)
  - Blank-off Panels. (Standard or insulated)

**FINISHES**

- Baked Enamel.
- Kynar.
- Prime coat.
- Clear and Color Anodized. (Some variation in Anodized color consistency is possible)



**Contact Air Performance for any additional information or special requirements**

**Note: Triangles built 1/4" smaller than opening size.**

QTY	OPENING SIZE (inches)		OPTIONS	TAG
	WIDTH (W)	HEIGHT (H)		

PROJECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

LOCATION: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

DATE: \_\_\_\_\_

ARCHITECT/ENGR: \_\_\_\_\_

**4Z375-CF ROUND STATIONARY LOUVER W/CHANNEL FRAME**

**STANDARD CONSTRUCTION**

**FRAME**

4" deep, 6063-T5 extruded aluminum.  
.081" nominal wall thickness.

**BLADES**

6063-T5 extruded aluminum.  
.081" nominal wall thickness.  
Blades are positioned at a 37.5° angle and spaced on approximately 5.062" centers.

**SCREEN**

3/4" x .051" thick, flattened expanded metal, aluminum bird screen in removable frame. Screen will add approximately 1/2" to the depth of the louver.

**FINISH**

Mill

**MINIMUM LOUVER SIZE**

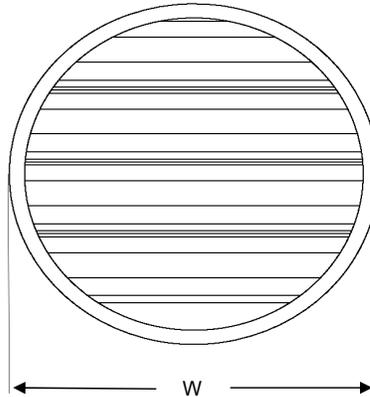
12"w x 12"h

**MAXIMUM LOUVER SIZE**

70 sq. ft. per section  
Single section size not to exceed 120"w x 84"h or 84"w x 120"h.  
Louvers exceeding maximum single section size will be built in multiple sections and require field assembly.

**BLADE BRACE SUPPORT ANGLES**

Depending on louver size, windload or other special requirements, louvers will have rear mounted blade support angles that will increase overall depth of the louver.



**STANDARD FEATURES**

- Aluminum construction providing high resistance to corrosion.
- All welded construction for strength and durability.
- Hidden mullions allow for continuous blade appearance.

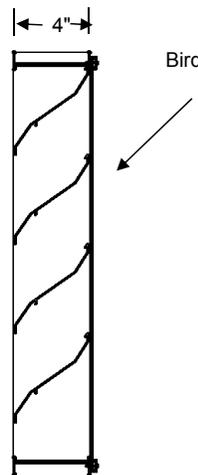
**OPTIONS AVAILABLE**

Options available at additional cost include:

- Security Bars.
- Bird/Insect screens. (See Screen Submittal)
- Blank-off Panels. (Standard or insulated)

**FINISHES**

- Baked Enamel.
- Kynar.
- Prime coat.
- Clear and Color Anodized. (Some variation in Anodized color consistency is possible)



**Contact Air Performance for any additional information or special requirements**

**Note: Louvers built 1/4" smaller than opening size given.**

QTY	OPENING SIZE (inches)	OPTIONS	TAG
	WIDTH (W)		

PROJECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

LOCATION: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

DATE: \_\_\_\_\_

ARCHITECT/ENGR: \_\_\_\_\_

**4Z375-FF ROUND STATIONARY LOUVER W/FLANGE FRAME**

**STANDARD CONSTRUCTION**

**FRAME**

4" deep, 6063-T5 extruded aluminum.  
.081" nominal wall thickness.

**BLADES**

6063-T5 extruded aluminum.  
.081" nominal wall thickness.  
Blades are positioned at a 37.5° angle and spaced on approximately 5.062" centers.

**SCREEN**

3/4" x .051" thick, flattened expanded metal, aluminum bird screen in removable frame. Screen will add approximately 1/2" to the depth of the louver.

**FINISH**

Mill

**MINIMUM LOUVER SIZE**

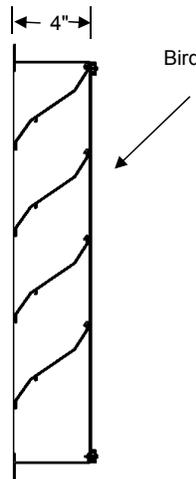
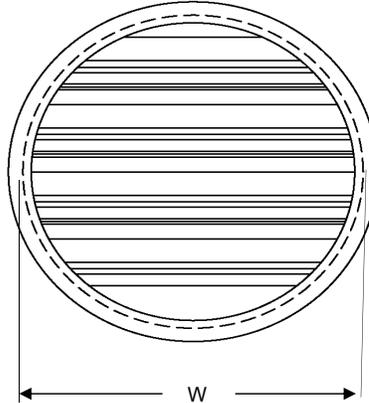
12"w x 12"h

**MAXIMUM LOUVER SIZE**

70 sq. ft. per section  
Single section size not to exceed 120"w x 84"h or 84"w x 120"h.  
Louvers exceeding maximum single section size will be built in multiple sections and require field assembly.

**BLADE BRACE SUPPORT ANGLES**

Depending on louver size, windload or other special requirements, louvers will have rear mounted blade support angles that will increase overall depth of the louver.



**STANDARD FEATURES**

- Aluminum construction providing high resistance to corrosion.
- All welded construction for strength and durability.
- Hidden mullions allow for continuous blade appearance.

**OPTIONS AVAILABLE**

Options available at additional cost include:

- Security Bars.
- Bird/Insect screens. (See Screen Submittal)
- Blank-off Panels. (Standard or insulated)

**FINISHES**

- Baked Enamel.
- Kynar.
- Prime coat.
- Clear and Color Anodized. (Some variation in Anodized color consistency is possible)

**Contact Air Performance for any additional information or special requirements**

**Note: Louvers built 1/4" smaller than opening size given.**

QTY	OPENING SIZE (inches)	OPTIONS	TAG
	WIDTH (W)		

PROJECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

LOCATION: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

DATE: \_\_\_\_\_

ARCHITECT/ENGR: \_\_\_\_\_

**4D375-CF ROUND DRAINABLE STATIONARY LOUVER W/CHANNEL FRAME**

**STANDARD CONSTRUCTION**

**FRAME**

4" deep, 6063-T5 extruded aluminum.  
.081" nominal wall thickness.

**BLADES**

6063-T5 extruded aluminum.  
.081" nominal wall thickness.  
Blades are positioned at a 37.5° angle and spaced on approximately 5.062" centers.

**SCREEN**

3/4" x .051" thick, flattened expanded metal, aluminum bird screen in removable frame. Screen will add approximately 1/2" to the depth of the louver.

**FINISH**

Mill

**MINIMUM LOUVER SIZE**

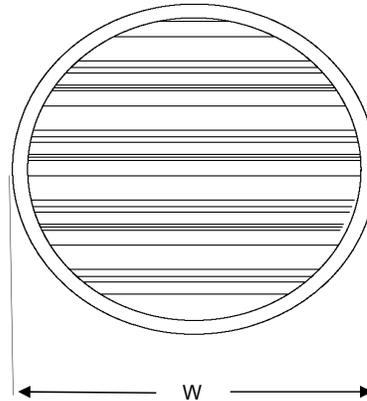
12"w x 12"h

**MAXIMUM LOUVER SIZE**

70 sq. ft. per section  
Single section size not to exceed 120"w x 84"h or 84"w x 120"h.  
Louvers exceeding maximum single section size will be built in multiple sections and require field assembly.

**BLADE BRACE SUPPORT ANGLES**

Depending on louver size, windload or other special requirements, louvers will have rear mounted blade support angles that will increase overall depth of the louver.



**STANDARD FEATURES**

- Aluminum construction providing high resistance to corrosion.
- All welded construction for strength and durability.
- Hidden mullions allow for continuous blade appearance.

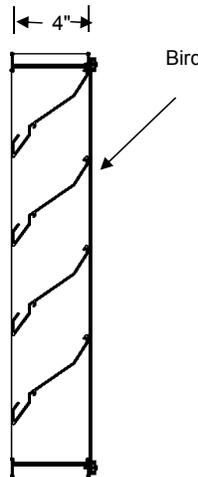
**OPTIONS AVAILABLE**

Options available at additional cost include:

- Security Bars.
- Bird/Insect screens. (See Screen Submittal)
- Blank-off Panels. (Standard or insulated)

**FINISHES**

- Baked Enamel.
- Kynar.
- Prime coat.
- Clear and Color Anodized. (Some variation in Anodized color consistency is possible)



**Contact Air Performance for any additional information or special requirements**

**Note: Louvers built 1/4" smaller than opening size given.**

QTY	OPENING SIZE (inches)	OPTIONS	TAG
	WIDTH (W)		

PROJECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

LOCATION: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

DATE: \_\_\_\_\_

ARCHITECT/ENGR: \_\_\_\_\_

**4D375-FF ROUND STATIONARY LOUVER W/FLANGE FRAME**

**STANDARD CONSTRUCTION**

**FRAME**

4" deep, 6063-T5 extruded aluminum.  
.081" nominal wall thickness.

**BLADES**

6063-T5 extruded aluminum.  
.081" nominal wall thickness.  
Blades are positioned at a 37.5° angle and spaced on approximately 5.062" centers.

**SCREEN**

3/4" x .051" thick, flattened expanded metal, aluminum bird screen in removable frame. Screen will add approximately 1/2" to the depth of the louver.

**FINISH**

Mill

**MINIMUM LOUVER SIZE**

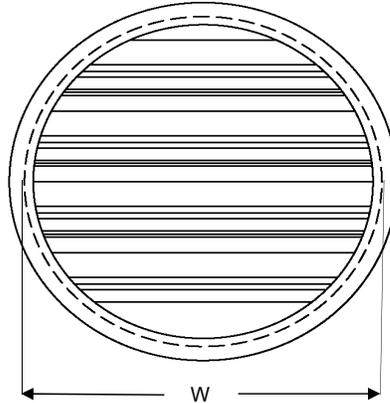
12"w x 12"h

**MAXIMUM LOUVER SIZE**

70 sq. ft. per section  
Single section size not to exceed 120"w x 84"h or 84"w x 120"h.  
Louvers exceeding maximum single section size will be built in multiple sections and require field assembly.

**BLADE BRACE SUPPORT ANGLES**

Depending on louver size, windload or other special requirements, louvers will have rear mounted blade support angles that will increase overall depth of the louver.



**STANDARD FEATURES**

- Aluminum construction providing high resistance to corrosion.
- All welded construction for strength and durability.
- Hidden mullions allow for continuous blade appearance.

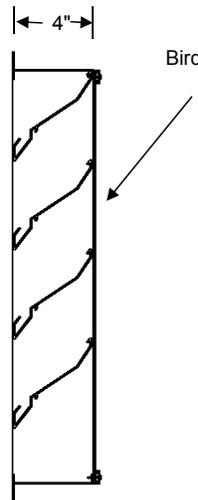
**OPTIONS AVAILABLE**

Options available at additional cost include:

- Security Bars.
- Bird/Insect screens. (See Screen Submittal)
- Blank-off Panels. (Standard or insulated)

**FINISHES**

- Baked Enamel.
- Kynar.
- Prime coat.
- Clear and Color Anodized. (Some variation in Anodized color consistency is possible)



**Contact Air Performance for any additional information or special requirements**

**Note: Louvers built 1/4" smaller than opening size given.**

QTY	OPENING SIZE (inches)	OPTIONS	TAG
	WIDTH (W)		

PROJECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

LOCATION: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

DATE: \_\_\_\_\_

ARCHITECT/ENGR: \_\_\_\_\_

**6Z375-CF ROUND STATIONARY LOUVER W/CHANNEL FRAME**

**STANDARD CONSTRUCTION**

**FRAME**

6" deep, 6063-T5 extruded aluminum.  
.125" nominal wall thickness.

**BLADES**

6063-T5 extruded aluminum.  
.125" nominal wall thickness.  
Blades are positioned at a 37.5° angle and spaced on approximately 5.938" centers.

**SCREEN**

3/4" x .051" thick, flattened expanded metal, aluminum bird screen in removable frame. Screen will add approximately 1/2" to the depth of the louver.

**FINISH**

Mill

**MINIMUM LOUVER SIZE**

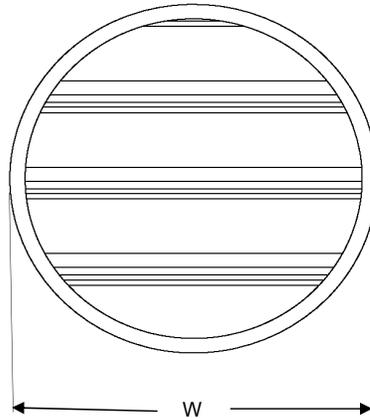
12"w x 12"h

**MAXIMUM LOUVER SIZE**

70 sq. ft. per section  
Single section size not to exceed 120"w x 84"h or 84"w x 120"h.  
Louvers exceeding maximum single section size will be built in multiple sections and require field assembly.

**BLADE BRACE SUPPORT ANGLES**

Depending on louver size, windload or other special requirements, louvers will have rear mounted blade support angles that will increase overall depth of the louver.



**STANDARD FEATURES**

- Aluminum construction providing high resistance to corrosion.
- All welded construction for strength and durability.
- Hidden mullions allow for continuous blade appearance.

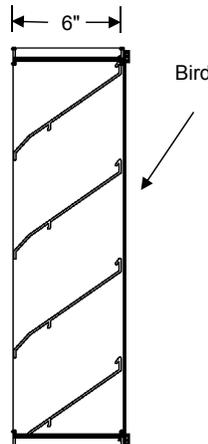
**OPTIONS AVAILABLE**

Options available at additional cost include:

- Security Bars.
- Bird/Insect screens. (See Screen Submittal)
- Blank-off Panels. (Standard or insulated)

**FINISHES**

- Baked Enamel.
- Kynar.
- Prime coat.
- Clear and Color Anodized. (Some variation in Anodized color consistency is possible)



**Contact Air Performance for any additional information or special requirements**

**Note: Louvers built 1/4" smaller than opening size given.**

QTY	OPENING SIZE (inches)	OPTIONS	TAG
	WIDTH (W)		

PROJECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

LOCATION: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

DATE: \_\_\_\_\_

ARCHITECT/ENGR: \_\_\_\_\_

**6Z375-FF ROUND STATIONARY LOUVER W/FLANGE FRAME**

**STANDARD CONSTRUCTION**

**FRAME**

4" deep, 6063-T5 extruded aluminum.  
.081" nominal wall thickness.

**BLADES**

6063-T5 extruded aluminum.  
.081" nominal wall thickness.  
Blades are positioned at a 37.5° angle and spaced on approximately 5.062" centers.

**SCREEN**

3/4" x .051" thick, flattened expanded metal, aluminum bird screen in removable frame. Screen will add approximately 1/2" to the depth of the louver.

**FINISH**

Mill

**MINIMUM LOUVER SIZE**

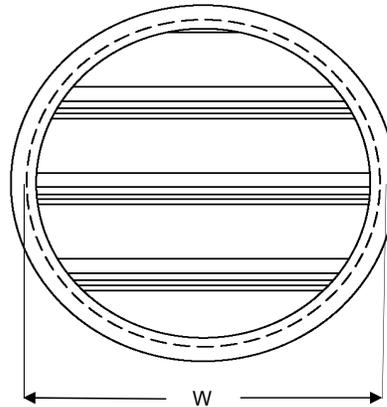
12"w x 12"h

**MAXIMUM LOUVER SIZE**

70 sq. ft. per section  
Single section size not to exceed 120"w x 84"h or 84"w x 120"h.  
Louvers exceeding maximum single section size will be built in multiple sections and require field assembly.

**BLADE BRACE SUPPORT ANGLES**

Depending on louver size, windload or other special requirements, louvers will have rear mounted blade support angles that will increase overall depth of the louver.



**STANDARD FEATURES**

- Aluminum construction providing high resistance to corrosion.
- All welded construction for strength and durability.
- Hidden mullions allow for continuous blade appearance.

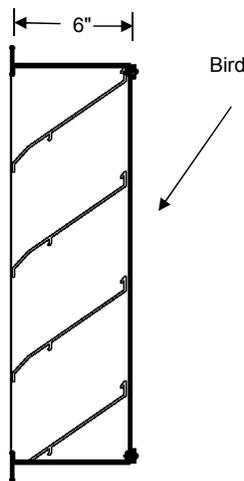
**OPTIONS AVAILABLE**

Options available at additional cost include:

- Security Bars.
- Bird/Insect screens. (See Screen Submittal)
- Blank-off Panels. (Standard or insulated)

**FINISHES**

- Baked Enamel.
- Kynar.
- Prime coat.
- Clear and Color Anodized. (Some variation in Anodized color consistency is possible)



**Contact Air Performance for any additional information or special requirements**

**Note: Louvers built 1/4" smaller than opening size given.**

QTY	OPENING SIZE (inches)	OPTIONS	TAG
	WIDTH (W)		

PROJECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

LOCATION: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

DATE: \_\_\_\_\_

ARCHITECT/ENGR: \_\_\_\_\_

**6D375-CF ROUND DRAINABLE STATIONARY LOUVER W/CHANNEL FRAME**

**STANDARD CONSTRUCTION**

**FRAME**

6" deep, 6063-T5 extruded aluminum.  
.125" nominal wall thickness.

**BLADES**

6063-T5 extruded aluminum.  
.125" nominal wall thickness.  
Blades are positioned at a 37.5° angle and spaced on approximately 5.938" centers.

**SCREEN**

3/4" x .051" thick, flattened expanded metal, aluminum bird screen in removable frame. Screen will add approximately 1/2" to the depth of the louver.

**FINISH**

Mill

**MINIMUM LOUVER SIZE**

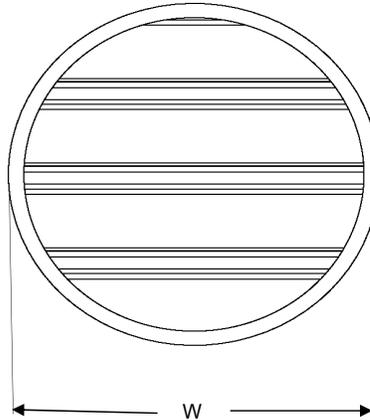
12"w x 12"h

**MAXIMUM LOUVER SIZE**

70 sq. ft. per section  
Single section size not to exceed 120"w x 84"h or 84"w x 120"h.  
Louvers exceeding maximum single section size will be built in multiple sections and require field assembly.

**BLADE BRACE SUPPORT ANGLES**

Depending on louver size, windload or other special requirements, louvers will have rear mounted blade support angles that will increase overall depth of the louver.



**STANDARD FEATURES**

- Aluminum construction providing high resistance to corrosion.
- All welded construction for strength and durability.
- Hidden mullions allow for continuous blade appearance.

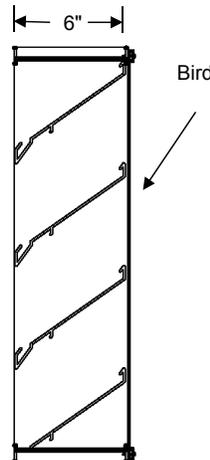
**OPTIONS AVAILABLE**

Options available at additional cost include:

- Security Bars.
- Bird/Insect screens. (See Screen Submittal)
- Blank-off Panels. (Standard or insulated)

**FINISHES**

- Baked Enamel.
- Kynar.
- Prime coat.
- Clear and Color Anodized. (Some variation in Anodized color consistency is possible)



**Contact Air Performance for any additional information or special requirements**

**Note: Louvers built 1/4" smaller than opening size given.**

QTY	OPENING SIZE (inches)	OPTIONS	TAG
	WIDTH (W)		

PROJECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

LOCATION: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

DATE: \_\_\_\_\_

ARCHITECT/ENGR: \_\_\_\_\_

**6D375-FF ROUND STATIONARY LOUVER W/FLANGE FRAME**

**STANDARD CONSTRUCTION**

**FRAME**

4" deep, 6063-T5 extruded aluminum.  
.081" nominal wall thickness.

**BLADES**

6063-T5 extruded aluminum.  
.081" nominal wall thickness.  
Blades are positioned at a 37.5° angle and spaced on approximately 5.062" centers.

**SCREEN**

3/4" x .051" thick, flattened expanded metal, aluminum bird screen in removable frame. Screen will add approximately 1/2" to the depth of the louver.

**FINISH**

Mill

**MINIMUM LOUVER SIZE**

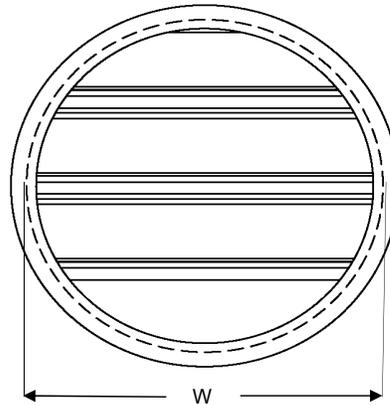
12"w x 12"h

**MAXIMUM LOUVER SIZE**

70 sq. ft. per section  
Single section size not to exceed 120"w x 84"h or 84"w x 120"h.  
Louvers exceeding maximum single section size will be built in multiple sections and require field assembly.

**BLADE BRACE SUPPORT ANGLES**

Depending on louver size, windload or other special requirements, louvers will have rear mounted blade support angles that will increase overall depth of the louver.



**STANDARD FEATURES**

- Aluminum construction providing high resistance to corrosion.
- All welded construction for strength and durability.
- Hidden mullions allow for continuous blade appearance.

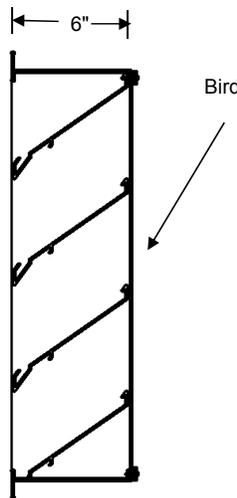
**OPTIONS AVAILABLE**

Options available at additional cost include:

- Security Bars.
- Bird/Insect screens. (See Screen Submittal)
- Blank-off Panels. (Standard or insulated)

**FINISHES**

- Baked Enamel.
- Kynar.
- Prime coat.
- Clear and Color Anodized. (Some variation in Anodized color consistency is possible)



**Contact Air Performance for any additional information or special requirements**

**Note: Louvers built 1/4" smaller than opening size given.**

QTY	OPENING SIZE (inches)	OPTIONS	TAG
	WIDTH (W)		

PROJECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

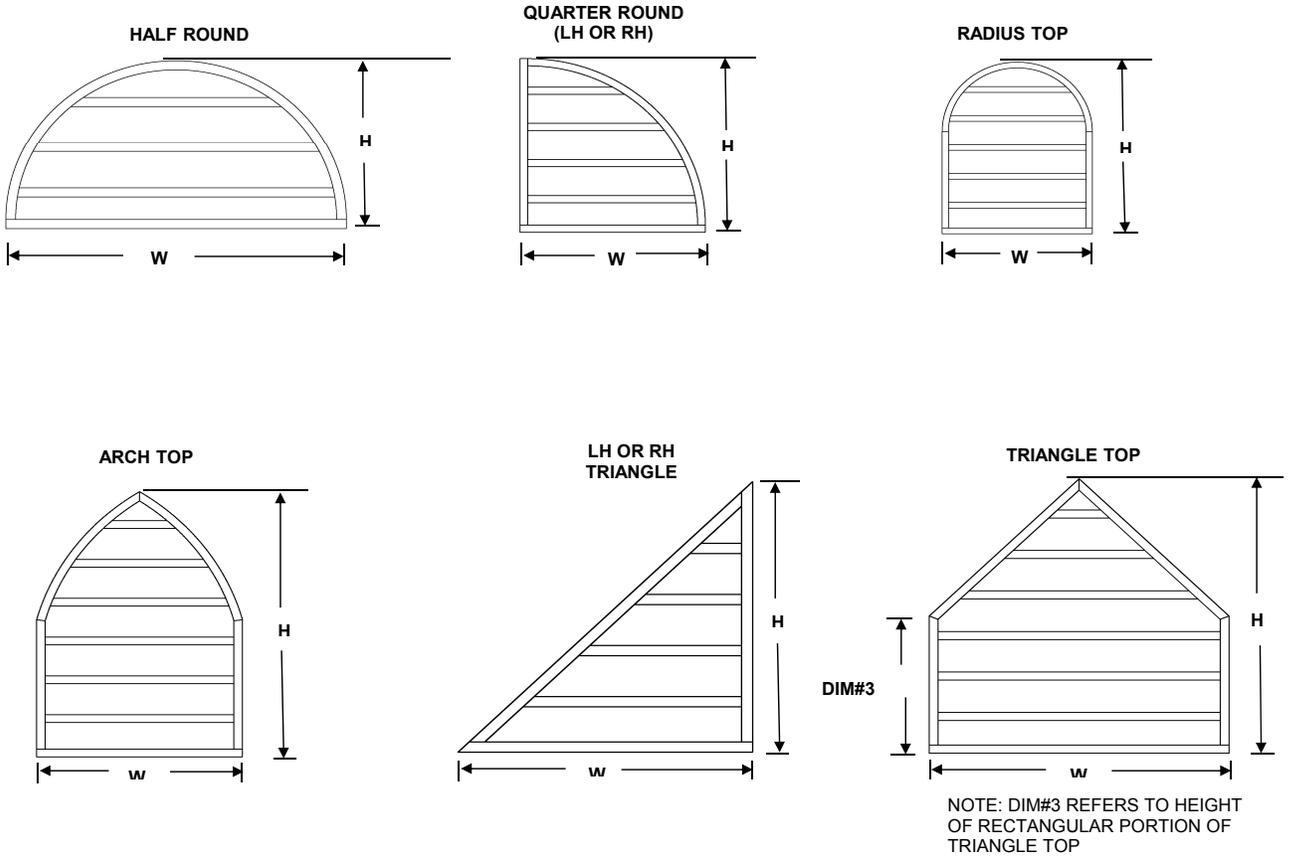
LOCATION: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

DATE: \_\_\_\_\_

ARCHITECT/ENGR: \_\_\_\_\_

**ARCHITECTURAL SPECIAL SHAPE LOUVERS**



Refer to Louver Submittal Sheets for more information.

See submittal sheet for standard Rounds and Triangles.

Other shapes available upon request.

Contact Air Performance for any additional information or special requirements

QTY	OPENING SIZE (inches)			OPTIONS
	WIDTH (W)	HEIGHT (H)	DIM#3	

PROJECT: \_\_\_\_\_  
LOCATION: \_\_\_\_\_  
DATE: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_  
REPRESENTATIVE: \_\_\_\_\_  
ARCHITECT/ENGR: \_\_\_\_\_

**BV4 BRICK/BLOCK VENT**

**STANDARD CONSTRUCTION**

**FRAME**

4" deep, 6063-T5 extruded aluminum.  
.125" minimum frame thickness

**BLADES**

6063-T5 extruded aluminum.  
.125" thick 6063-T5 extruded aluminum  
1" deep overlapping blade at 45 deg angle  
Blades spaced on 1" centers

**SCREEN**

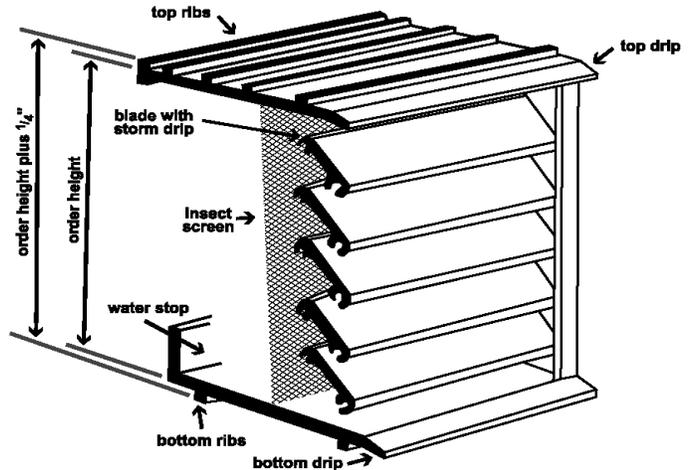
18 x 14 aluminum mesh

**Maximum Size**

96" x 96"

**STANDARD FINISH**

Standard 204-R1 Clear Anodized



**OPTIONS AVAILABLE**

Options available at additional cost include:

- Exterior operated Opposed blade damper. (See separate submittal for this option)
- Aluminum duct attached to vent.

**FINISH OPTIONS**

- Baked Enamel (Brick Red, Bone White, Black and Statuary bronze are standard colors) custom colors are available.
- Kynar.
- Prime coat.
- Medium Bronze Anodized
- Dark Bronze Anodized
- Mill finish

STANDARD SIZES				
WIDTH	HEIGHT		WIDTH	HEIGHT
8 1/8	2 3/8		16 1/2	2 3/8
8 1/8	4 3/4		16 1/2	4 3/4
8 1/8	7 3/4		16 1/2	7 3/4
12	4 3/4		16 1/2	15 3/4
12	7 3/4		24	4 3/4
12	11 3/4		24	7 3/4
15 5/8	7 3/4		32	7 3/4
15 5/8	15 3/4		48	7 3/4

**Note:** Add 1/4" to height for ribs.

These vents can be made to any width or height without exposed mullions  
For units over 30" wide - do not mortar jamb section

**Contact Air Performance for any additional information or special requirements**

QTY	SIZE		OPTIONS	TAG
	WIDTH (W)	HEIGHT (H)		

PROJECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

LOCATION: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

DATE: \_\_\_\_\_

ARCHITECT/ENGR: \_\_\_\_\_

**BV4-OBD BRICK/BLOCK VENT WITH OPPOSED BLADE DAMPER**

**STANDARD CONSTRUCTION**

**FRAME**

4" deep, 6063-T5 extruded aluminum.  
.125" minimum frame thickness

**BLADES**

6063-T5 extruded aluminum.  
.125" thick 6063-T5 extruded aluminum  
1" deep overlapping blade at 45 deg angle  
Blades spaced on 1" centers

**SCREEN**

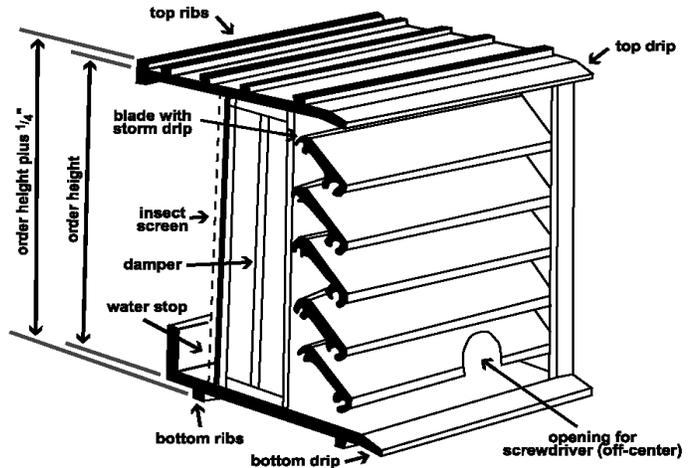
18 x 14 aluminum mesh

**Maximum Size**

96" x 96"

**STANDARD FINISH**

Standard 204-R1 Clear Anodized



**OPTIONS AVAILABLE**

Options available at additional cost include:

- Aluminum duct attached to vent.

**FINISH OPTIONS**

- Baked Enamel (Brick Red, Bone White, Black and Statuary bronze are standard colors) custom colors are available.
- Kynar.
- Prime coat.
- Medium Bronze Anodized
- Dark Bronze Anodized
- Mill finish

**STANDARD SIZES**

WIDTH	HEIGHT	WIDTH	HEIGHT
8 1/8	2 3/8	16 1/2	2 3/8
8 1/8	4 3/4	16 1/2	4 3/4
8 1/8	7 3/4	16 1/2	7 3/4
12	4 3/4	16 1/2	15 3/4
12	7 3/4	24	4 3/4
12	11 3/4	24	7 3/4
15 5/8	7 3/4	32	7 3/4
15 5/8	15 3/4	48	7 3/4

**Note:** Add 1/4" to height for ribs.

These vents can be made to any width or height without exposed mullions  
For units over 30" wide - do not mortar jamb section  
One operator per 20" of width

**Contact Air Performance for any additional information or special requirements**

QTY	SIZE		OPTIONS	TAG
	WIDTH (W)	HEIGHT (H)		

PROJECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

LOCATION: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

DATE: \_\_\_\_\_

ARCHITECT/ENGR: \_\_\_\_\_

**BV15FL BRICK/BLOCK VENT W/ 1" FACE FLANGE**

**STANDARD CONSTRUCTION**

**FRAME**

1 1/2" deep, 6063-T5 extruded aluminum.  
.125" minimum frame thickness  
1" Face Flange

**BLADES**

6063-T5 extruded aluminum.  
.125" thick 6063-T5 extruded aluminum  
1" deep overlapping blade at 45 deg angle  
Blades spaced on 1" centers

**SCREEN**

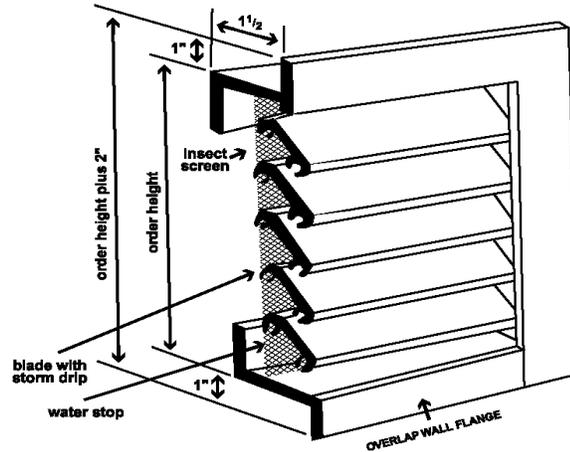
18 x 14 aluminum mesh

**Maximum Size**

96" x 96"

**STANDARD FINISH**

Standard 204-R1 Clear Anodized



**OPTIONS AVAILABLE**

Options available at additional cost include:

- Aluminum duct attached to vent.
- Exterior Key Flap Damper
- Exterior operated Opposed blade damper.  
(see separate submittal for detail of these options)

**FINISH OPTIONS**

- Baked Enamel (Brick Red, Bone White, Black and Statuary bronze are standard colors) custom colors are available.
- Kynar.
- Prime coat.
- Medium Bronze Anodized
- Dark Bronze Anodized
- Mill finish

**Contact Air Performance for any additional information or special requirements**

**STANDARD SIZES**

WIDTH	HEIGHT	WIDTH	HEIGHT
8 1/8	2 3/8	16 1/2	2 3/8
8 1/8	4 3/4	16 1/2	4 3/4
8 1/8	7 3/4	16 1/2	7 3/4
12	4 3/4	16 1/2	15 3/4
12	7 3/4	24	4 3/4
12	11 3/4	24	7 3/4
15 5/8	7 3/4	32	7 3/4
15 5/8	15 3/4	48	7 3/4

**Note:** Add 1/4" to height for ribs.

These vents can be made to any width or height without exposed mullions  
For units over 30" wide - do not mortar jamb section  
1" face flange on all four sides

QTY	SIZE		OPTIONS	TAG
	WIDTH (W)	HEIGHT (H)		

PROJECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

LOCATION: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

DATE: \_\_\_\_\_

ARCHITECT/ENGR: \_\_\_\_\_

**BV15FL-OBD BRICK/BLOCK VENT W/ 1" FACE FLANGE & OPPOSED BLADE DAMPER**

**STANDARD CONSTRUCTION**

**FRAME**

1 1/2" deep, 6063-T5 extruded aluminum.  
.125" minimum frame thickness  
1" Face Flange

**BLADES**

6063-T5 extruded aluminum.  
.125" thick 6063-T5 extruded aluminum  
1" deep overlapping blade at 45 deg angle  
Blades spaced on 1" centers

**SCREEN**

18 x 14 aluminum mesh

**Maximum Size**

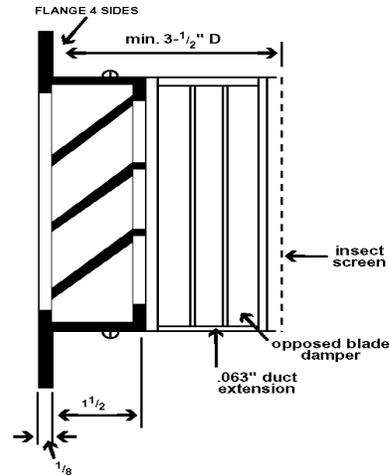
96" x 96"

**STANDARD FINISH**

Standard 204-R1 Clear Anodized

**FINISH OPTIONS**

- Baked Enamel (Brick Red, Bone White, Black and Statuary bronze are standard colors) custom colors are available.
- Kynar.
- Prime coat.
- Medium Bronze Anodized
- Dark Bronze Anodized
- Mill finish



STANDARD SIZES			
WIDTH	HEIGHT		
8 1/8	2 3/8	16 1/2	2 3/8
8 1/8	4 3/4	16 1/2	4 3/4
8 1/8	7 3/4	16 1/2	7 3/4
12	4 3/4	16 1/2	15 3/4
12	7 3/4	24	4 3/4
12	11 3/4	24	7 3/4
15 5/8	7 3/4	32	7 3/4
15 5/8	15 3/4	48	7 3/4

**Note:** Add 1/4" to height for ribs.

These vents can be made to any width or height without exposed mullions  
For units over 30" wide - do not mortar jamb section  
1" face flange on all four sides  
One operator per 20" of width

**Contact Air Performance for any additional information or special requirements**

QTY	SIZE		OPTIONS	TAG
	WIDTH (W)	HEIGHT (H)		

PROJECT: \_\_\_\_\_  
LOCATION: \_\_\_\_\_  
DATE: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_  
REPRESENTATIVE: \_\_\_\_\_  
ARCHITECT/ENGR: \_\_\_\_\_

**BV15FL-KFD BRICK/BLOCK VENT W/ 1" FACE FLANGE & EXTERIOR KEY FLAP DAMPER**

**STANDARD CONSTRUCTION**

**FRAME**

1 1/2" deep, 6063-T5 extruded aluminum.  
.125" minimum frame thickness  
1" Face Flange

**BLADES**

6063-T5 extruded aluminum.  
.125" thick 6063-T5 extruded aluminum  
1" deep overlapping blade at 45 deg angle  
Blades spaced on 1" centers

**SCREEN**

18 x 14 aluminum mesh

**Maximum Size**

96" x 96"

**STANDARD FINISH**

Standard 204-R1 Clear Anodized

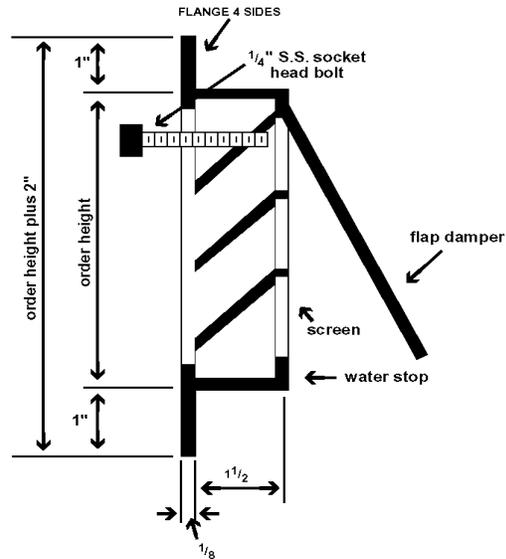
**OPTIONS AVAILABLE**

Options available at additional cost include:

- Aluminum duct attached to vent.

**FINISH OPTIONS**

- Baked Enamel (Brick Red, Bone White, Black and Statuary bronze are standard colors) custom colors are available.
- Kynar.
- Prime coat.
- Medium Bronze Anodized
- Dark Bronze Anodized
- Mill finish



STANDARD SIZES			
WIDTH	HEIGHT	WIDTH	HEIGHT
8 1/8	2 3/8	16 1/2	2 3/8
8 1/8	4 3/4	16 1/2	4 3/4
8 1/8	7 3/4	16 1/2	7 3/4
12	4 3/4	16 1/2	15 3/4
12	7 3/4	24	4 3/4
12	11 3/4	24	7 3/4
15 5/8	7 3/4	32	7 3/4
15 5/8	15 3/4	48	7 3/4

**Note:** Add 1/4" to height for ribs.

These vents can be made to any width or height without exposed mullions  
For units over 30" wide - do not mortar jamb section  
1" face flange on all four sides

**Contact Air Performance for any additional information or special requirements**

QTY	SIZE		OPTIONS	TAG
	WIDTH (W)	HEIGHT (H)		

PROJECT: \_\_\_\_\_  
LOCATION: \_\_\_\_\_  
DATE: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_  
REPRESENTATIVE: \_\_\_\_\_  
ARCHITECT/ENGR: \_\_\_\_\_

**BVC CAST ALUMINUM BRICK/BLOCK VENT**

**STANDARD CONSTRUCTION**

One piece molded unit  
Minimum .125" thick  
Mill finish  
Continuous weepage at bottom  
1" deep overlapping blades  
Water stop at rear  
Load bearing

**SCREEN**

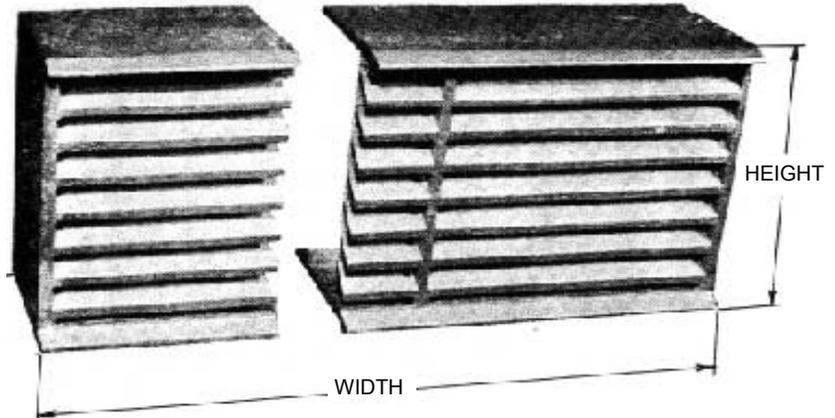
7 x 7 aluminum mesh

**FINISH**

mill finish

**FINISH OPTIONS**

- Baked Enamel (Brick Red, Bone White, Black and Statuary bronze are standard colors) custom colors are available.
- Kynar.
- Prime coat.



**Contact Air Performance for any additional information or special requirements**

MODEL #	WIDTH	HEIGHT	MODEL #	WIDTH	HEIGHT
C825	8	2 1/4	C165	16	4 15/16
C847	8 1/4	4 15/16	C166	16	6
C808	8	7 7/8	C168	16	7 3/4
C123	12	2 3/4	*C1615	16	15 1/2
C124	12	3 1/2	**C248	24	7 3/4
C125	12	5	*C328	32	7 3/4
C128	12	7 3/4	FV222	16	8
C162	16 1/2	2 3/8	FV333	16	8
C164	16	4	FV440	16	8

\* 2 - C168 WELDED \*\* 2 - C128 WELDED

**CAST ALUMINUM BRICK VENTS**

\*LOAD BEARING \* LOUVERED \* WITH SCREEN RIVETED IN \* WATER-STOP

QTY	SIZE		MODEL	OPTIONS
	WIDTH (W)	HEIGHT (H)		

PROJECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

LOCATION: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

DATE: \_\_\_\_\_

ARCHITECT/ENGR: \_\_\_\_\_

**BVC-KFD CAST ALUMINUM BRICK/BLOCK VENT WITH EXTERIOR KEY FLAP DAMPER**

**STANDARD CONSTRUCTION**

One piece molded unit  
Minimum .125" thick  
Mill finish  
Continuous weepage at bottom  
1" deep overlapping blades  
Water stop at rear  
Load bearing

**SCREEN**

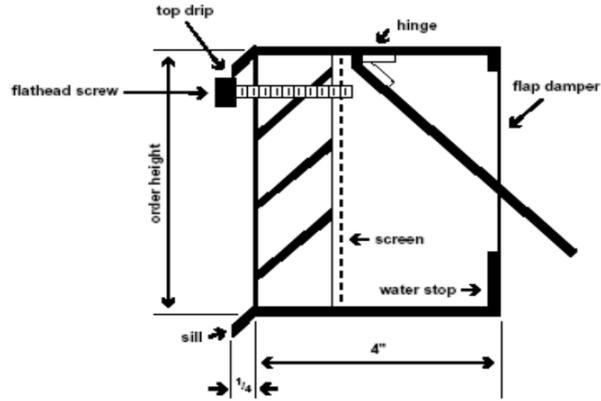
7 x 7 aluminum mesh

**FINISH**

mill finish

**FINISH OPTIONS**

- Baked Enamel (Brick Red, Bone White, Black and Statuary bronze are standard colors) custom colors are available.
- Kynar.
- Prime coat.



Contact Air Performance for any additional information or special requirements

MODEL #	WIDTH	HEIGHT	MODEL #	WIDTH	HEIGHT
C825	8	2 1/4	C165	16	4 15/16
C847	8 1/4	4 15/16	C166	16	6
C808	8	7 7/8	C168	16	7 3/4
C123	12	2 3/4	*C1615	16	15 1/2
C124	12	3 1/2	**C248	24	7 3/4
C125	12	5	*C328	32	7 3/4
C128	12	7 3/4	FV222	16	8
C162	16 1/2	2 3/8	FV333	16	8
C164	16	4	FV440	16	8

\* 2 - C168 WELDED \*\* 2 - C128 WELDED

**CAST ALUMINUM BRICK VENTS**

\*LOAD BEARING \* LOUVERED \* WITH SCREEN RIVETED IN \* WATER-STOP

QTY	SIZE		MODEL	OPTIONS
	WIDTH (W)	HEIGHT (H)		

PROJECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

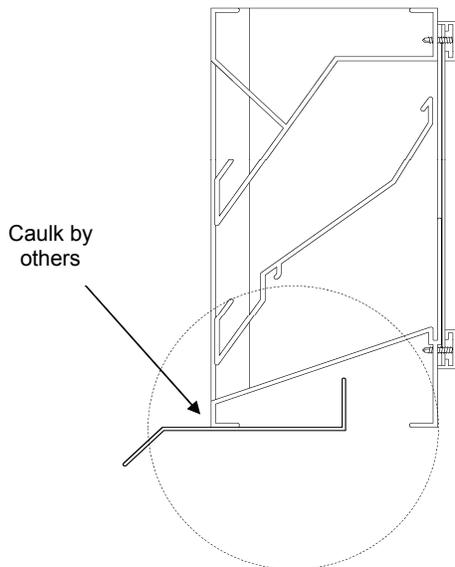
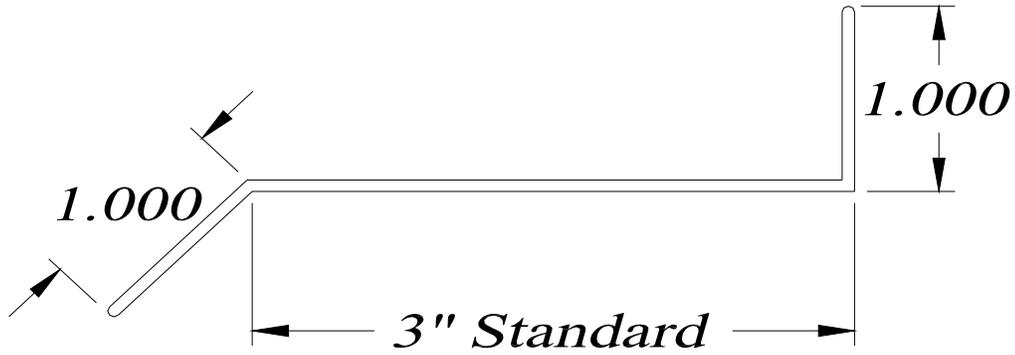
LOCATION: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

DATE: \_\_\_\_\_

ARCHITECT/ENGR: \_\_\_\_\_

**STANDARD FORMED SILL EXTENSION**



Typical Sill Installation Detail

**Material Thickness Options:**

- .040
- .050
- .063
- .080
- .125

**Contact Air Performance for any additional information or special requirements**

PROJECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

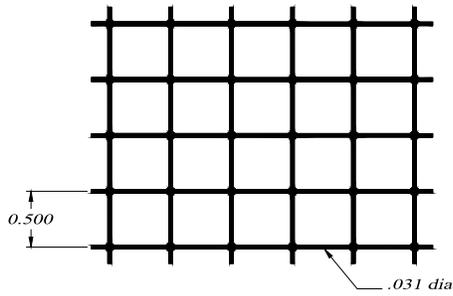
LOCATION: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

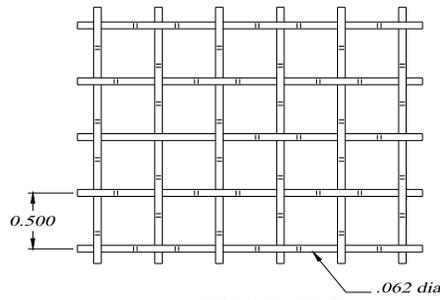
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ARCHITECT/ENGR: \_\_\_\_\_

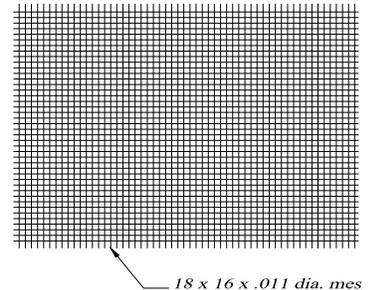
## SCREEN DETAILS



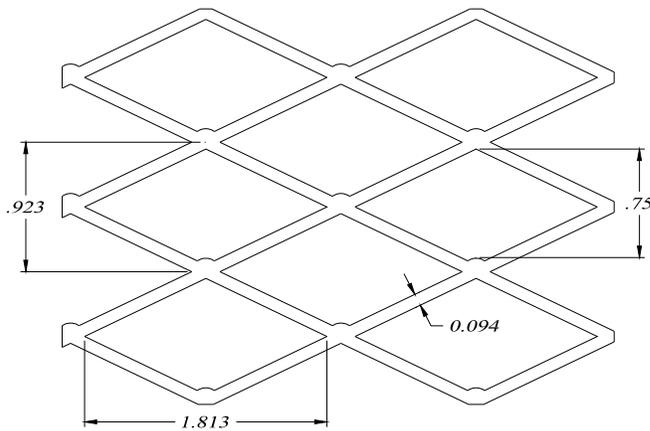
**1/2" HARDWARE  
GALVANIZED HARDWARE  
CLOTH**



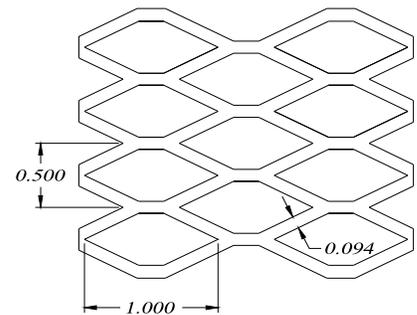
**1/2" WOVEN ALUMINUM MESH  
INTERCRIMPED**



**WOVEN INSECT**



**3/4" FLATTENED EXPANDED  
METAL ALUMINUM BIRD  
SCREEN .051 THICK**

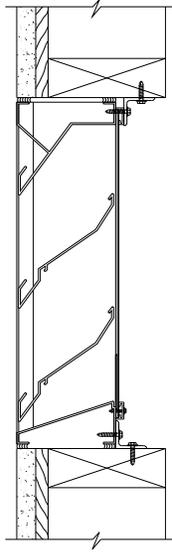


**1/2" FLATTENED EXPANDED  
METAL ALUMINUM BIRD  
SCREEN .051 THICK**

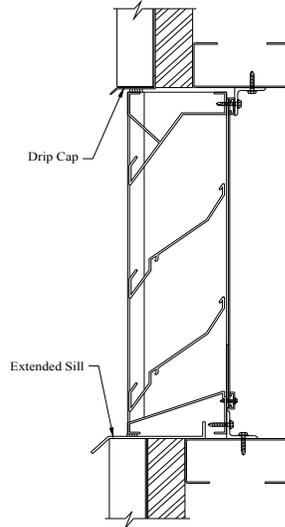
Contact Air Performance for any additional information or special requirements

**TYPICAL INSTALLATION DETAILS**

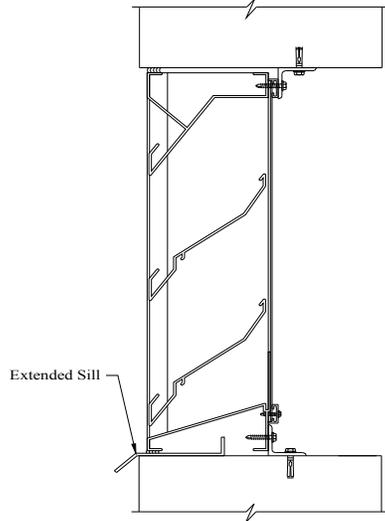
**WOOD WALL**



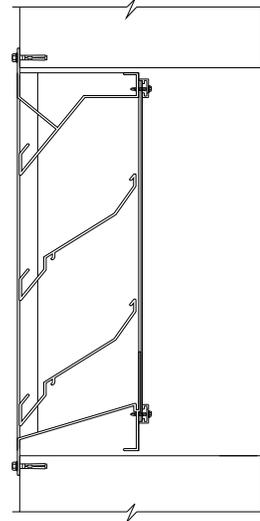
**CORRUGATED METAL PANEL WALL**



**MASONRY WALL**



**FLANGE MOUNT**



ACCESSORIES ARE AVAILABLE AT ADDITIONAL COST

Contact Air Performance for any additional information or special requirements