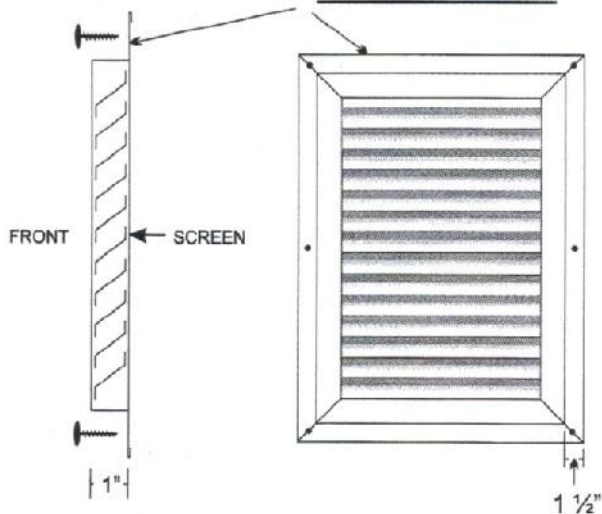


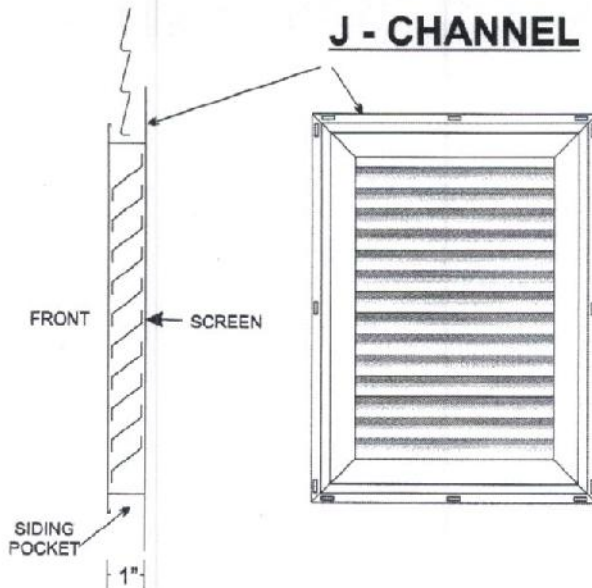
## NAILING FIN



### COMMON USES:

- STUCCO, BRICK, FIBER CEMENT, CEDAR SIDING, HARDBOARD
- NAIL TO SHEATHING THROUGH FIN
- PROJECTION FROM WALL 1" STANDARD

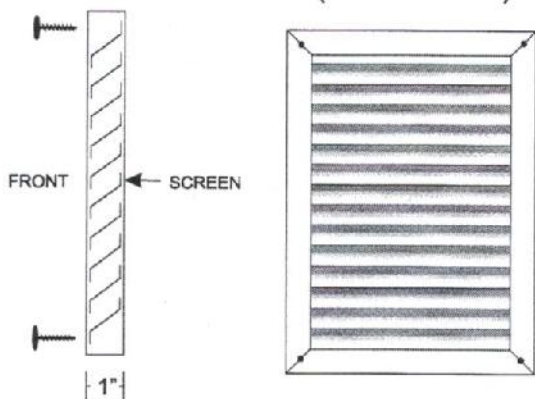
## J - CHANNEL



### COMMON USES:

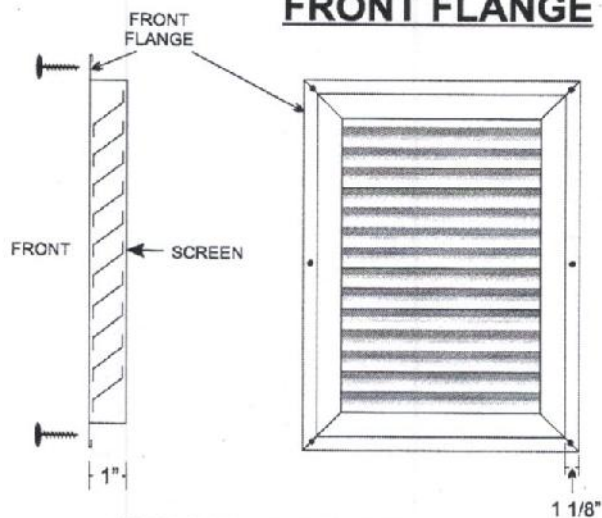
- VINYL, STEEL & ALUMINUM SIDING
- J-CHANNEL 3/4" INSIDE STANDARD
- NAIL TO WALL THROUGH J-CHANNEL FIN
- PROJECTION FROM WALL 1" STANDARD

## SURFACE MOUNT (BOX FRAME)



- BOX FRAME SURFACE MOUNT OR EXISTING OPENING
- 2" STAINLESS PAINTED SCREWS PROVIDED
- NEED TO SEAL WITH SEALANT ON OUTSIDE EDGE
- PROJECTION FROM WALL 1" STANDARD

## FRONT FLANGE



- USED ON FLAT SURFACES
- VENT DROPS INTO OPENING. STOPS ON FRONT FLANGE FLUSH WITH WALL OR SIDING
- RECOMMEND SEALANT ON BACK OF FLANGE BEFORE INSTALLATION
- FLUSH WITH WALL

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## LOUVER PRODUCT DATA

### A. NET FREE AREA:

Louver free area is the minimum area through which air can pass and varies with louver size. It is determined by multiplying the sum of the minimum distances between intermediate blades, by the minimum distance between the jambs. Wire or fiberglass screen which is often used in conjunction with louvers is also a factor in determining the net free area.

### BLADE PROFILE (Standard 1" Depth Shown)

### B. BLADES:

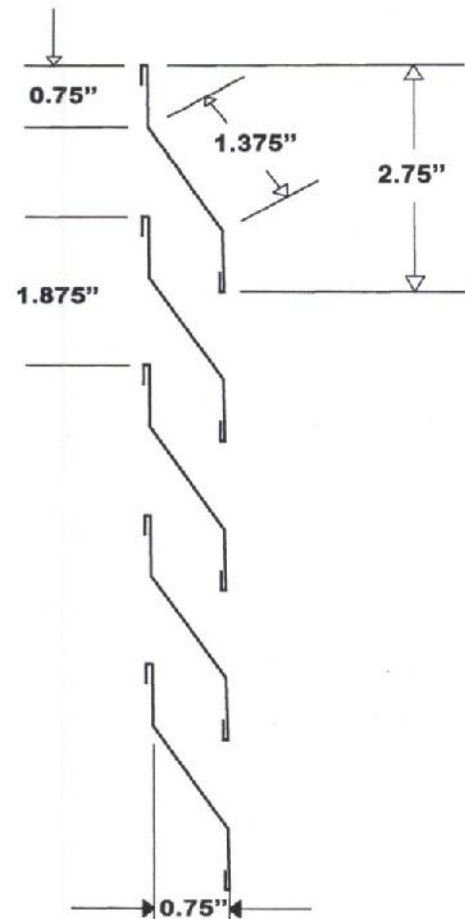
Blade spacing is determined by the height of the vent.

### C. SCREEN:

Unless otherwise specified vents are Produced with a 9 x 9 fiberglass vent mesh; however metal screens are also available including aluminum, stainless, copper, and galvanized.

### D. ESTIMATING:

To get an approximate estimate of net free area on our products, you can figure 45% of total vent area not including front face. This takes blade overlap and screen into consideration.



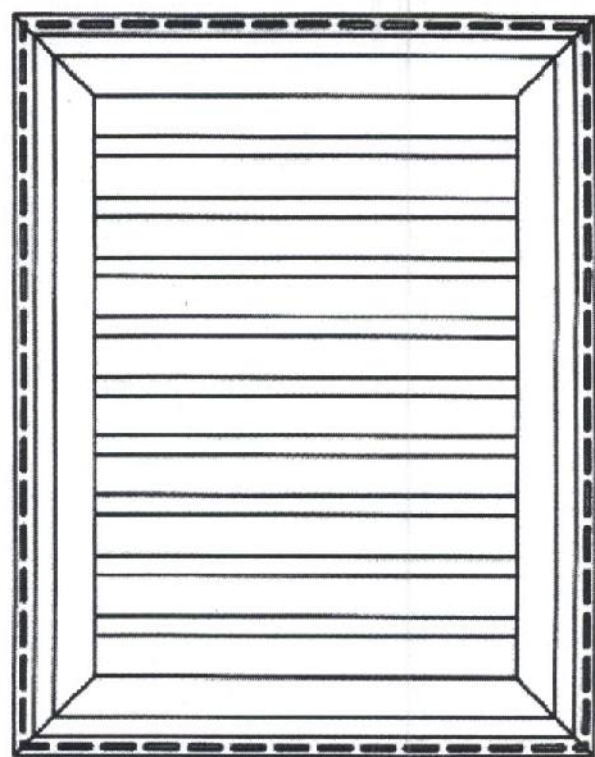
**BLADE PROFILE**

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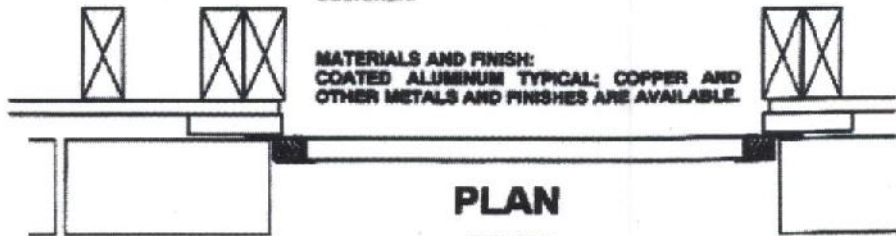


**VERT. SECTION**  
(SIDING)



**ELEVATION**

NEW CONCEPT WILL PROVIDE UNITS TO ANY EDGE DIMENSION AS SHOWN HERE. HOWEVER, ALL SECTIONAL MEASUREMENTS, LOUVER SPACING ETC, MAY ALSO BE SPECIFIED BY THE DESIGNER.

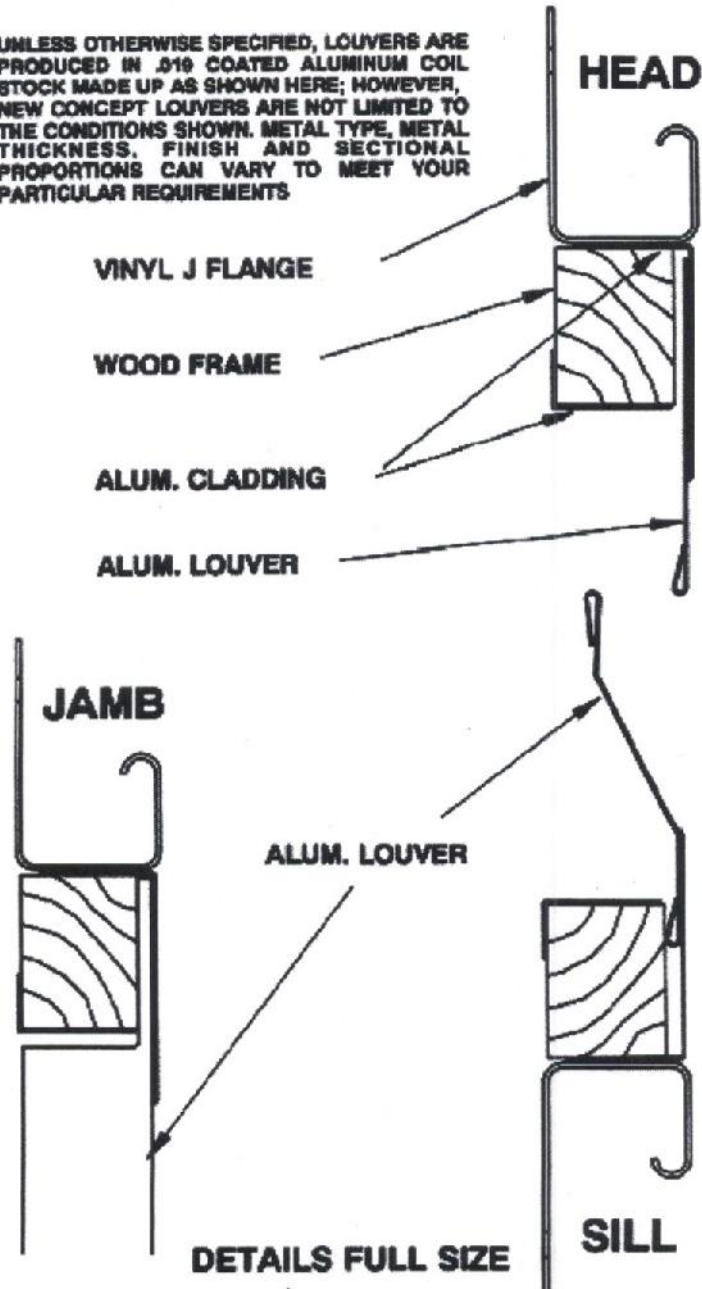


**PLAN**  
(BRICK)

**MATERIALS AND FINISH:**  
COATED ALUMINUM TYPICAL; COPPER AND OTHER METALS AND FINISHES ARE AVAILABLE.

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UNLESS OTHERWISE SPECIFIED, LOUVERS ARE PRODUCED IN .019 COATED ALUMINUM COIL STOCK MADE UP AS SHOWN HERE; HOWEVER, NEW CONCEPT LOUVERS ARE NOT LIMITED TO THE CONDITIONS SHOWN. METAL TYPE, METAL THICKNESS, FINISH AND SECTIONAL PROPORTIONS CAN VARY TO MEET YOUR PARTICULAR REQUIREMENTS



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# WALL LOUVERS

## PART 1 — GENERAL

### 1.01 DESCRIPTION

- A. Work includes: Furnish labor and materials to complete fabrication of wall louvers as shown on Drawings.
- B. Related Work Specified Elsewhere:
1. Installation by carpenter trade
  2. Sealants

### 1.02 SUBMITTALS

- A. Product Data:
1. Manufacturer's published cut sheets showing model selections, shapes, and colors
- B. Shop Drawings:
1. Submit to Architect for approval showing connections of parts and anchorage system to wall structure.
  2. Show elevations that illustrate louver shape and location.
- C. Samples:
1. Submit cladding samples showing available textures and colors.
- D. Project Closeout Submittals:
1. Submit Louver Manufacturer's installation and maintenance instructions.

### 1.03 QUALITY ASSURANCE

- A. Manufacturer's Qualifications:
1. Manufacturer shall have at least five (5) years' experience manufacturing louvers equal to those specified in this section.

### 1.04 DELIVERY, HANDLING AND STORAGE

- A. Louvers Manufacturer shall package complete louver and anchorage materials in cardboard box or wood crate of sufficient construction to protect louver.
- B. Contractor shall store louver in covered area off the ground and protected from damage.

## PART 2 — PRODUCTS

### 2.01 APPROVED MANUFACTURER

- A. New Concept Louvers  
2940 South State Street  
P.O. Box 583  
Springville, Utah 84663  
Phone: (801) 489-0614 or (800) 635-6448  
E-mail: info@newconceptlouvers.com  
www.newconceptlouvers.com

### 2.02 MANUFACTURED UNITS

- A. Louvers
1. Framing (choose one):
    - a. Wood framing with coated aluminum cladding
    - b. Square 1.25 aluminum tubing
    - c. Square PVC composite tubing

2. Louvers (choose one):
    - a. 0.019 inch thick coated aluminum stock with attached insect screen
    - b. 0.027 inch thick coated aluminum stock with attached insect screen
    - c. 16 ounce copper
  3. Screens: 9 x 9 ventmesh Fiberglas®
  4. "J" channel, recessed flange, or nailing fin for easy installation
  5. Sizes:
    - a. Height and width: As shown on drawings
    - b. Depth: 1 inch (typical); 2", 3", and 4" available
- B. Models (choose one):
1. Stock Louvers:
    - a. Rectangular
    - b. Foundation
    - c. Octagon
  2. Custom Louvers:
    - a. Custom Triangle
    - b. Cathedral Top
    - c. Round
    - d. Oval
    - e. Gothic Arch
    - f. Diamond
  3. Choose from Manufacturer's popular shapes or create your own.

### 2.03 FINISH AND COLOR

- A. Finish (one of the following):
1. PVC-clad aluminum or baked-enamel aluminum (typical)
  2. AlumKynar
  3. 16 ounce copper
- B. Color:
1. As selected by Architect from Manufacturer's standard 400 colors

## PART 3 — EXECUTION

### 3.01 EXAMINATION

- A. Examine condition of siding and opening to be certain louver can be properly installed. Notify Architect in writing of unacceptable existing conditions.

### 3.02 INSTALLATION

- A. Install louver in accordance with Manufacturer's installation instructions.

### 3.03 CLEANING

- A. Remove from site leftover materials from installation caused by work of this section and dispose of legally.

END OF SECTION

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