

**MODEL EL-1-FL**

**PTAC GRILLE WITH FLANGE FRAME**

**APPLICATION AND DESIGN:**

The EL-1-FL is generally used as a decorative louver that is installed in PTAC applications. It consist of a Flanged Frame that can assist in installations or assist in the aesthetics of the Design. The free area is approximately 65% which provides minimal resistance to airflow. This grille is available with an optional split airflow design which allows discharge and return air to flow through the same grille simultaneously.

**STANDARD CONSTRUCTION:**

**Frame:** 0.063" [1.6mm], Flanged Frames #1 or #2, 6063-T5 Extruded Aluminum

**Blade:** 0.070" [1.78mm], 6063-T5 Extruded Aluminum placed centers on 0.75" [19.05mm] (available in 30° or 42°)

**Blade Brace:** 0.070" [1.78mm], 6063-T5 Extruded Aluminum, 16" [406mm] max o.c.

**Finish:** Clear Anodized

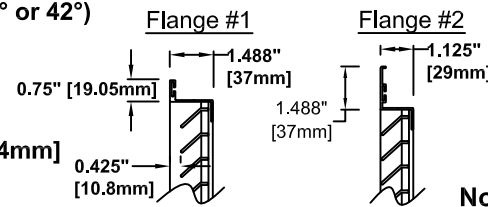
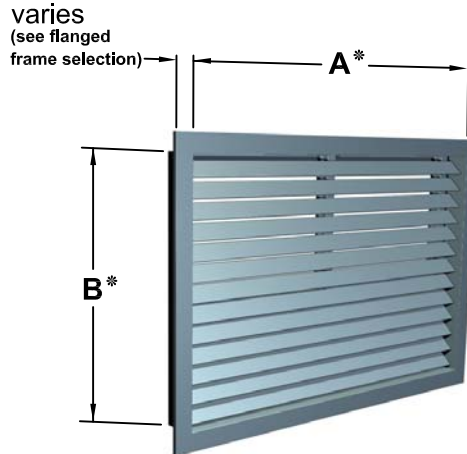
**Max Single Section:** 120"w x 84"h [3048mm x 2134mm] (Multi-section Units Available)

**OPTIONS:**

- Flange Frame Design:  #1,  #2
- Blade Degree:  30°,  42°
- Insect Screen (Other Screens Available, See Screen Page)
- Blade Direction:  Facing Up,  Facing Down
- Split Airflow Design:  Design #1,  Design #2
- Return Height: \_\_\_\_\_"
- Stud/Bolt in Perimeter for Mounting
- Mounting Holes

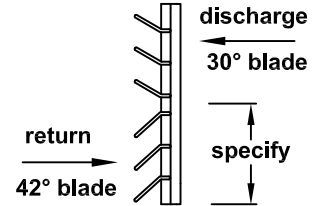
**AVAILABLE FINISHES:**

- Powder Super durable polyester** (2 coats) baked on at 410°F [210° C], 2.5 to 3.5 mils Meets AAMA-2604-05 Standards
- Powder Polyester TGIC** (2 coats) baked on at 410°F [210° C], 2.5 to 3.5 mils Meets AAMA-2603 Standards
- Acrylic baked enamel** (ACRA-BOND® ULTRA) by AkzoNobel baked on at 350°F [177° C], 0.8 to 1.2 mils dry Meets AAMA-2603 Standards
- Kynar®** (ALUM\*A\*STAR®) 2 coats by AkzoNobel baked on at 450°F [232° C], 1.2 to 1.6 mils dry Meets AAMA-2604-05 Standards
- Kynar 500®** or **HYLAR® 5000 70% TRINAR®** (2 coats) by AkzoNobel baked on at 450°F [232° C], 1.2 to 1.6 mils dry, Meets AAMA-2605-05 Standards
- Kynar 500®** or **HYLAR® 5000 (70% Tri-Escent II)** (2 coats) by AkzoNobel, a superior finish to other metallic or anodized finishes. A blend of mica, ceramic, and inorganic pigments creates subtle yet dazzling design that goes beyond metallic color without the requirement of a clear coat. 14 standard colors - custom colors available. Baked on at 415°F [213° C], 1.4 to 1.8 mils dry, meets AAMA 2605-05.
- Clear Anodize 204 R-1 Class II** (AA-C22A31)(0.4 to 0.7 mil)
- Clear Anodize 215 R-1 Class I** (AA-C22A41)(>0.7 mil)
- Integral Color Anodize** (AA-C22A42)(>0.7 mil)
  - Clear coat available for all above finishes.
  - Hylar® 5000 is a registered trademark of Solvay Solexis, Inc.
  - Kynar® 500 is a registered trademark of Arkema.
  - ALUM\*A\*STAR® 50 and TRINAR® are registered trademarks of AkzoNobel
  - ACRA-BOND® ULTRA is a registered trademark of AkzoNobel

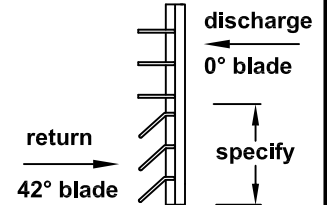


Frame Options

**Design #1**



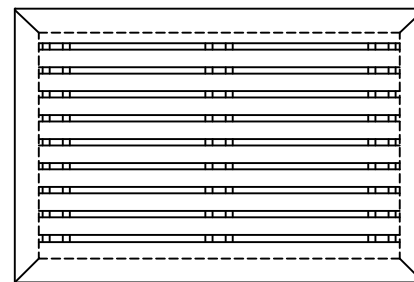
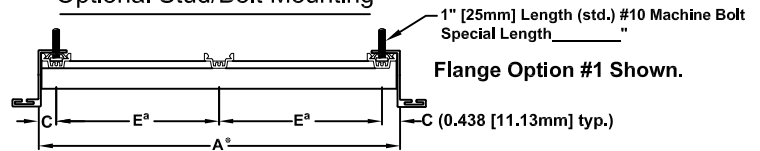
**Design #2**



**Split Airflow Options**

**Note: Specify Blade Direction (Airflow), Cores can be Reversed.**

**Optional Stud/Bolt Mounting**



| Qty. | "A" (width) | "B" (height) | "C" <sup>a</sup> (specify) | "D" (specify) | Tag |
|------|-------------|--------------|----------------------------|---------------|-----|
|      |             |              |                            |               |     |
|      |             |              |                            |               |     |
|      |             |              |                            |               |     |

<sup>a</sup> "E" Not to Exceed 16" [406mm]

\*Width and Height dimensions are approximately 1/4" [6.35mm] under listed size.

Due to continuing research, United Enertech reserves the right to change specifications without notice.



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**MODEL EL-1-FL (PTAC Grille With Flange Frame)**

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| DRAWN BY:<br>MHM | DATE:<br>5-24-10 | REV. DATE:<br>4-30-13 | REV. NO.<br>1 | APPROVED BY:<br>BGT | DWG. NO.:<br>A-45 |
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