

## MODEL EL-1-FR

## PTAC GRILLE WITH BOX FRAME

### Application and Design:

The EL-1-FR is generally used as a decorative louver that is installed with PTAC applications. It consist of a Box Frame that gives an enclosed appearance and can assist in the installation. 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] Box Frame, 1.25" [32mm] Deep, 6063-T5 Extruded Aluminum

**Blade:** 0.070" [1.78mm], 6063-T5 Extruded Aluminum placed on 0.75" [19mm] centers (available in 30° or 42°)

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

**Finish:** Clear Anodized

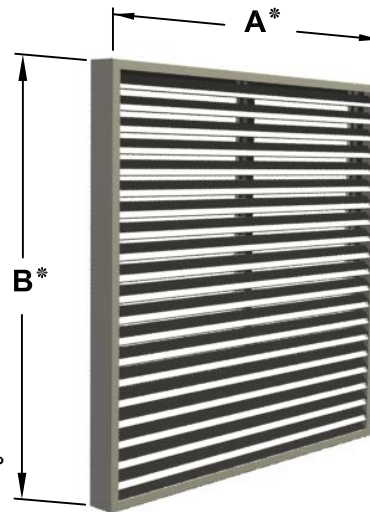
**Max Single Section:** 120"w x 84"h [3048mm x 2134mm] (Multi-Section Units Available)

### OPTIONS:

- Blade Degree:  30°,  42°
- Insect Screen (Other Screen 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

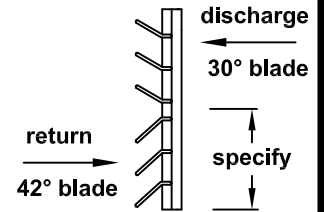
### AVAILABLE FINISHES:

- 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

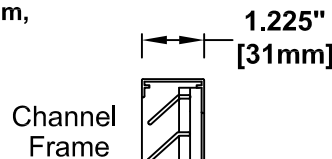
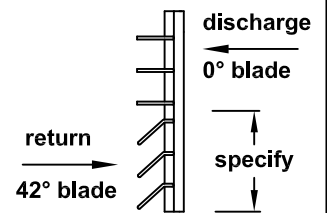


### Split Airflow Option Core Only Shown

#### Design #1

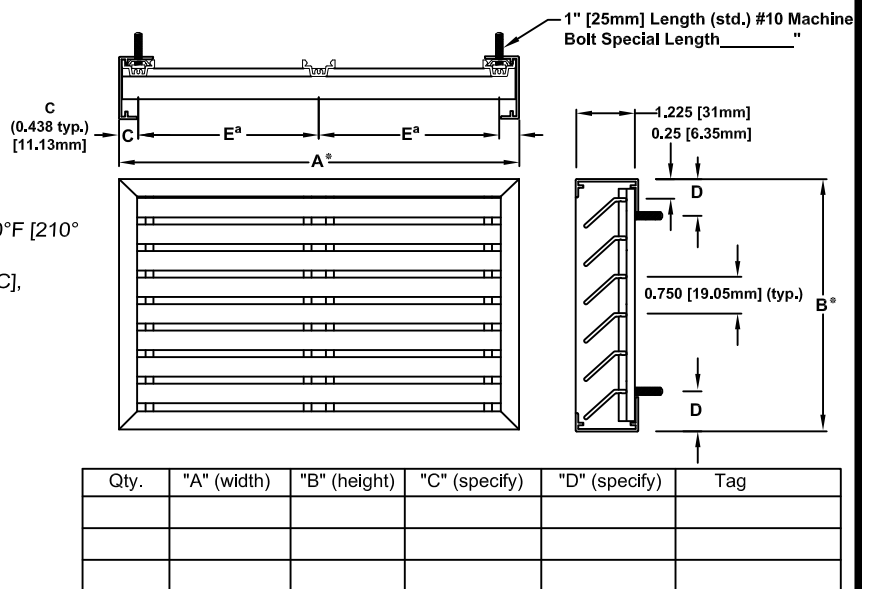


#### Design #2



Channel Frame

### Optional Stud/Bolt Mounting



<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-FR (PTAC Grille With Box Frame)

DRAWN BY: MHM	DATE: 5-5-10	REV. DATE: 4-30-13	REV. NO. 1	APPROVED BY: BGT	DWG. NO.: A-46
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