

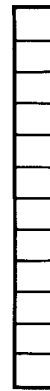
RAFB



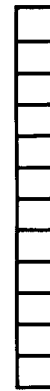
RAFB-0°



RAFB-CB



RAFB-AG



RAFB-PG



model RAFB

product description

This model is assembled in a two-part system: one is the mounting frame that serves as a retainer for the filter ... the other is the core that provides easy access to the filter.

This core is designed to be either partially or fully removable from its mounting frame. The partially removable core is hinged on one side to the mounting frame and is held in place by two knurled-head nuts opposite the hinged side. The fully removable core is held in place by four knurled-head nuts.

The mounting frame, the core frame and the blades are 6063 extruded aluminum alloy with 200-R1 satin anodized finish, and the frames have a wall thickness of .050".

On models RAFB, RAFB-0° and RAFB-CB, the core frame is separated from the blades by the use of an extruded rigid PVC track that becomes an integral part of the frame ... this method of assembly eliminates corrosion and vibration.

Model RAFB blades are airfoil in design and can be mounted only in the fixed 38° setting and are spaced 3/4" on center.

Model RAFB-0° blades are airfoil in design and can be mounted only in the fixed 0° setting and are spaced 3/4" on center.

Model RAFB-CB blades are fixed, curved in design and spaced 3/4" on center.

Model RAFB-AG core is 1/2" x 1/2" x 1/2" woven mill-finish aluminum eggcrate .015" thick.

Model RAFB-PG core is 1/2" x 1/2" x 1/2" molded white polystyrene eggcrate .080" thick.

An optional opposed blade damper is screwdriver-operated through the face of the unit and has the same extruded aluminum construction. The damper frame is separated from the blades with nylon bushings.

Suitable for ceiling or sidewall application.

Available in clear anodized, white or a variety of custom colors.

Filter size for 24" x 24" T-bar unit is 20-7/8" x 20-7/8".
48" x 24" T-bar filter is 20-7/8" x 44-7/8".

Listed Sizes

| dimension A | | dimension B | |
|-------------|------|-------------|------|
| (ins) | (mm) | (ins) | (mm) |
| 4 | 102 | 4 | 102 |
| 6 | 153 | 6 | 153 |
| 8 | 204 | 8 | 204 |
| 10 | 254 | 10 | 254 |
| 12 | 305 | 12 | 305 |
| 14 | 356 | 14 | 356 |
| 16 | 407 | 16 | 407 |
| 18 | 457 | 18 | 457 |
| 20 | 508 | 20 | 508 |
| 22 | 559 | 22 | 559 |
| 24 | 610 | 24 | 610 |
| 26 | 660 | 26 | 660 |
| 28 | 711 | 28 | 711 |
| 30 | 762 | 30 | 762 |
| 32 | 813 | 32 | 813 |
| 34 | 864 | 34 | 864 |
| 36 | 915 | 36 | 915 |
| 38 | 965 | 38 | 965 |
| 40 | 1006 | 40 | 1006 |
| 42 | 1067 | 42 | 1067 |
| 44 | 1117 | 44 | 1117 |
| 46 | 1168 | 46 | 1168 |
| 48 | 1219 | 48 | 1219 |

| available options | depth of unit | test data |
|---|---------------|-----------|
| RAFB, RAFB-0°, RAFB-CB, RAFB-AG, RAFB-PG RAFB with 38° blade, 0° blade, curved blade, aluminum grid or plastic grid core. | | TD-12 |
| RAFB-OB, RAFB-0°-OB, RAFB-CB-OB, RAFB-AG-OB, RAFB-PG-OB RAFB with 38° blade, 0° blade, curved blade, aluminum grid or plastic grid core, with opposed blade damper. <i>*Additional 1/4" clearance required for damper adapter.</i> | | TD-12 |
| RAFB-OB-FL, RAFB-0°-OB-FL, RAFB-CB-OB-FL, RAFB-AG-OB-FL, RAFB-PG-OB-FL RAFB with 38° blade, 0° blade, curved blade, aluminum grid or plastic grid core, with opposed blade damper and fire link. (Fire link only is UL-listed.) | | TD-12 |

Sizes other than shown are available.

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