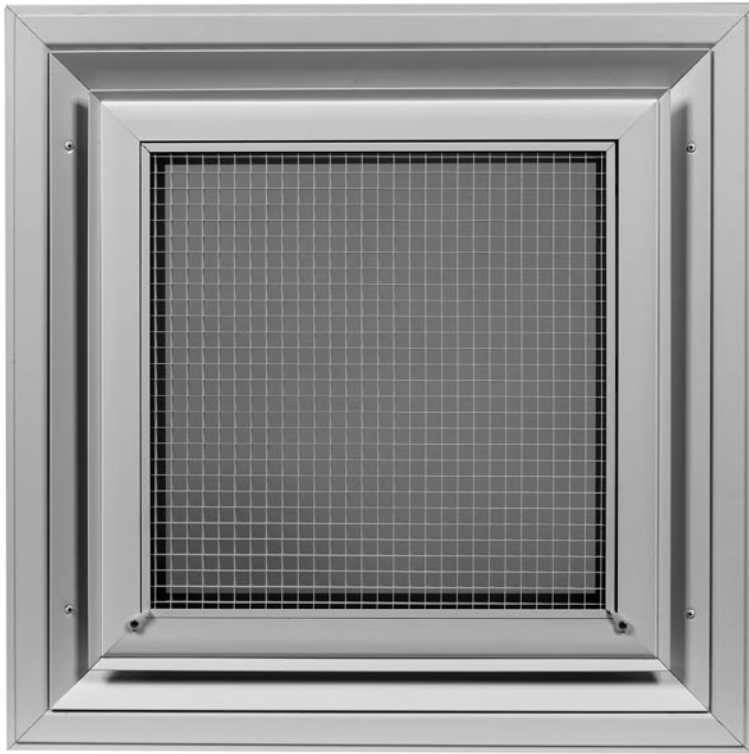
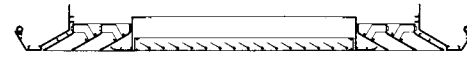


Note: The frame identifications "S," "FM" and "T" are interchangeable.

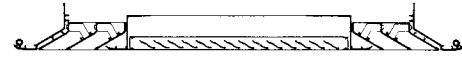


Supply duct connection is nominal plus 1/2". The return duct connection is nominal plus 1/4". Overall frame size is shown on previous pages according to frame style.



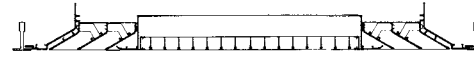
AVP-S-RF-2

Return filter core shown with 38° blade.



AVP-FM-RF-2-CB

Return filter core shown with CB blade.



AVP-T-RF-2-0°

Return filter core shown with 0° blade.



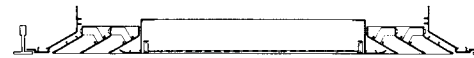
AVP-S-RF-2-AG

Return filter core shown with aluminum grid.



AVP-FM-RF-2-PG

Return filter core shown with plastic grid.



AVP-T-RF-2-P

Return filter core shown with perforated aluminum plate.

product description

This model is designed particularly to serve both supply and return air needs in a single unit: conditioned air is supplied at the outer perimeter, and the return is through the center. This unit is available with three different mounting frames: surface mounted (S), flush mounted (FM) and T-bar (T). Each frame can accommodate any of the six return filter cores available.

- (1) Return filter core with blades fixed at 38° setting.
- (2) Return filter core with fixed curved blades (CB).
- (3) Return filter core with blades fixed at 0° setting.
- (4) Return filter core with aluminum grid utilizing 1/2" x 1/2" x 1/2" woven mill-finish aluminum .015" thick.
- (5) Return filter core with plastic grid utilizing 1/2" x 1/2" x 1/2" molded white polystyrene .080" thick.
- (6) Return filter core with aluminum plate .032" thick with perforated holes 3/16" in diameter and 1/4" on center, painted with a white lacquer finish.

The return air filter core swings in and out of its frame by means of two concealed pivot pins, and is held in place by two injection-molded nylon locking devices permanently attached to the mounting frame and located at the two corners opposite the pin side.

Both the mounting frame and the cores with blades are 6063 extruded aluminum alloy with 200-R1 satin anodized finish.

Air capacities of 400 CFM through 10,000 CFM can be handled by these units.

If a damper is required for the supply side, it is recommended that it be duct-mounted.

An optional opposed blade damper for the return side is operated by removing the return core. The damper frame is separated from the blades with nylon bushings... this method of assembly eliminates corrosion and vibration. To order this model with damper for the return side, add the suffix "OB" to the particular model needed.

The entire core of this model is fully removable for easy installation and is mounted with sheet metal screws. The mounting holes for this supply core are dimpled, allowing for a counter-sunk fastener head appearance.

test data

TD-23

Listed Sizes

dimension A		dimension B	
(ins)	(mm)	(ins)	(mm)
18	457	18	457
21	533	21	533
24	610	24	610
27	686	27	686
30	762	30	762
33	838	33	838
36	915	36	915
39	991	39	991
42	1067	42	1067
45	1143	45	1143
48	1219	48	1219
51	1295	51	1295
54	1372	54	1372
57	1448	57	1448
60	1524	60	1524

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