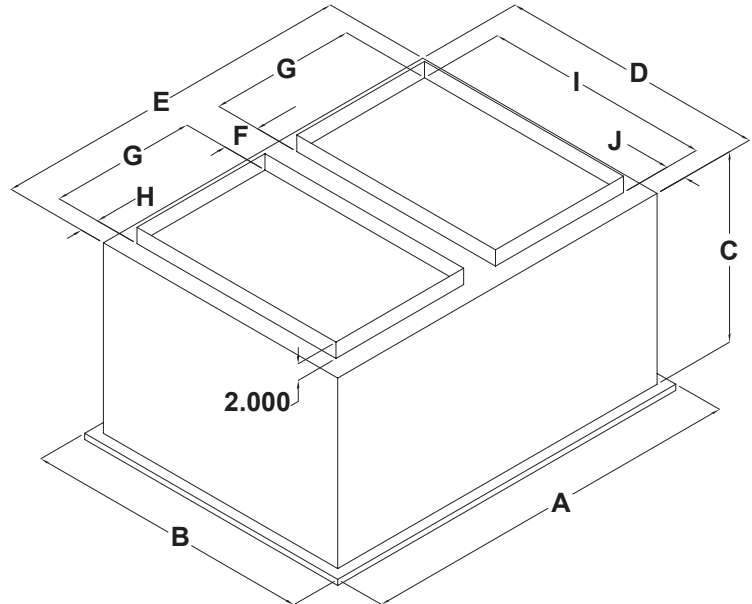


Application

Ruskin Rooftop Systems 510 series concentric diffuser systems are designed to provide a single point air distribution system with the added benefit of having directional air control. The systems may be used with either a "T-Bar" ceiling or a plaster ceiling.

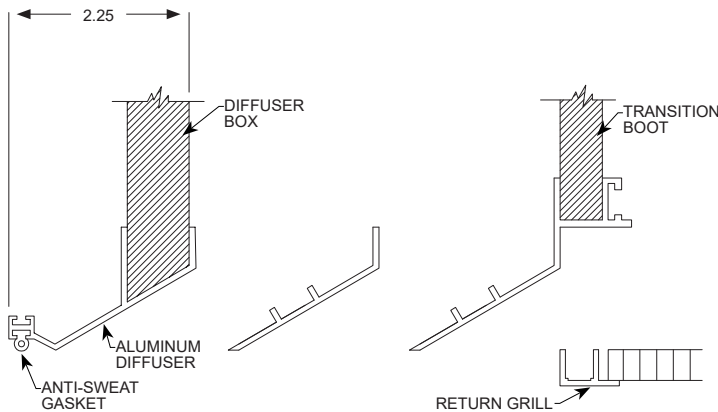
Features

- Even 4-way air distribution
- All anodized aluminum diffuser frame
- Aluminum return air egg crate
- Double deflection diffuser
- Built-in Anti-Sweat gasket
- Sheet metal transition
- Built-in hanging supports
- Sheet metal diffuser box
- Stainless steel thumb screws
- Fully insulated (both supply and return)



Recommended Specification

Diffusers shall consist of an aluminum supply diffuser with an aluminum egg-crate return. Unit shall be complete with a permanent non-adhesive anti-sweat gasket and hanging supports. Diffusers five ton and smaller shall have a molded fiberglass interior transition. Units fifteen ton and larger shall have supply duct through return transition ensure equal airflow to all four sides of diffuser. Manufacturers published data sheet shall include CFM rating, velocity rating, noise, static, and throw information. Flush mount concentric diffusers shall be in all respects equivalent to Ruskin Rooftop Systems Model 510 Series.



DIMENSIONAL DATA

| RRS MODEL# | A | B | C | D | E | F | G | H | I | J | DUCT SIZE |
|------------|--------|--------|--------|----|----|-------|----|-------|----|-------|-----------|
| 01-510-50B | 47.625 | 41.625 | 29.250 | 39 | 45 | 4.500 | 18 | 2.250 | 32 | 3.250 | 18 x 32 |

ENGINEERING DATA

| RRS MODEL# | CFM | STATIC PRESSURE | THROW FEET | NECK VEL. | JET VEL. | NOISE LEVEL | WEIGHT | GRILL COLOR | FILTER | BOX TYPE |
|------------|------|-----------------|------------|-----------|----------|-------------|---------|-----------------|--------------|-------------|
| 01-510-50B | 4500 | 0.31 | 25-34 | 922 | 1795 | 40 db | 151 lbs | ALUMINUM - GRAY | NOT INCLUDED | SHEET METAL |
| | 5000 | 0.34 | 24-33 | 938 | 1829 | | | | | |
| | 5400 | 0.39 | 32-41 | 1083 | 2107 | 45 db | | | | |