



SUBMITTAL DATA

EQUIPMENT: Greenheck Exhaust Fans

TAGS: EF-1, 2 & 3 (Qty 4)

PROJECT: Goodwill Retail Center
Chenal Parkway at Kirk Road
LOCATION: Little Rock, Arkansas

ENGINEER:  **EECI**
ENERGY ENGINEERING
CONSULTANTS, INC.

CONTRACTOR:  **COMFORT SYSTEMS USA**
A R K A N S A S

DATE: 1/21/2025

SUBMITTED BY: Forrest Moseley
forrest@airetechcorp.com

Model: SP-B110

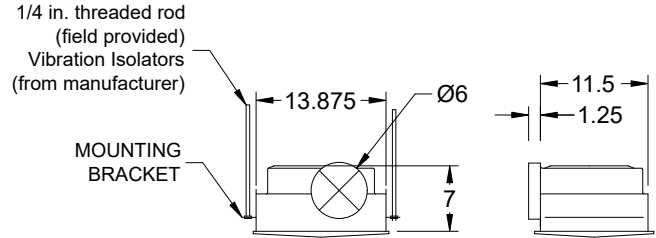
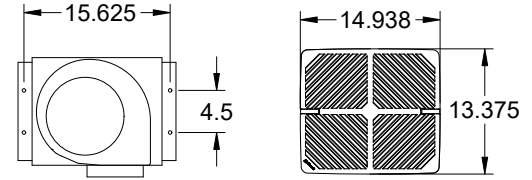
Ceiling Exhaust Fan

Standard Construction Features:

- Corrosion resistant galvanized steel scroll and housing - White designer non-yellowing grille - Round outlet duct collar with integral backdraft damper - Single inlet forward curved wheel - Plug type disconnect - Adjustable mounting brackets

Selected Options & Accessories:

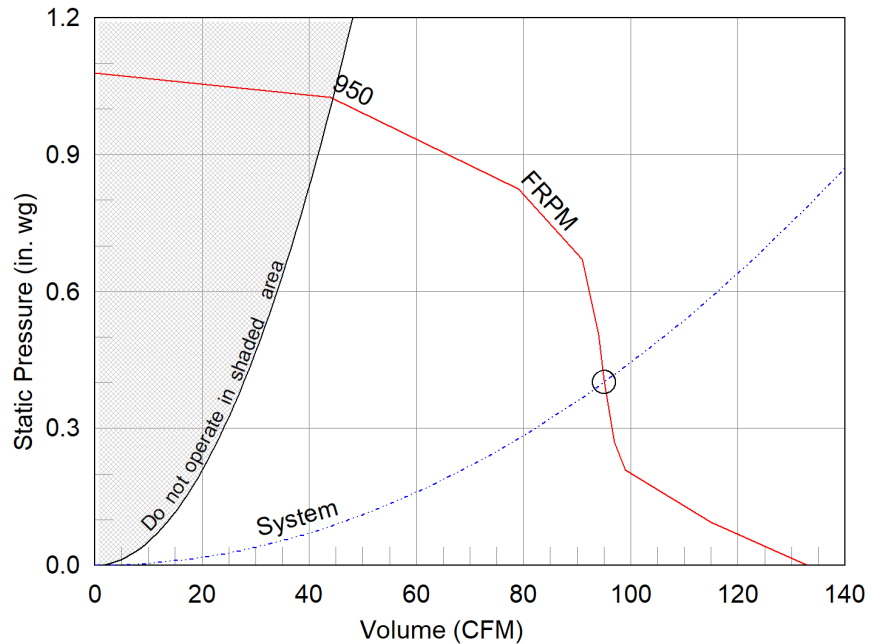
Motor rated for continuous use
 Motor with Thermal Overload
 Motor with CSA Approval
 Motor with 40 Degree C Ambient Temperature
 UL/cUL 507 Listed - Electric Fan
 Round Duct Connection
 Isolation Kit, (PN: VI KIT-SP/CSP), Shipped Loose
 Adjustable easy installation mounting bracket
 Standard Grille
 Polypropylene Wheel Material
 Can Be Used to Comply with: ASHRAE 62.2 and Washington State Energy Code



| Dimensional | |
|-----------------------|----|
| Quantity | 4 |
| Weight w/o Acc's (lb) | 10 |
| Weight w/ Acc's (lb) | 11 |

| Performance | |
|----------------------------|-------|
| Requested Volume (CFM) | 75 |
| Actual Volume (CFM) | 95 |
| Total External SP (in. wg) | 0.402 |
| Fan RPM | 950 |
| * FLA (A) | 1.15 |
| Elevation (ft) | 338 |
| Airstream Temp.(F) | 70 |
| Air Density (lb/ft3) | 0.074 |
| Sones | 2.0 |

| Motor | |
|---------------------|----------|
| Motor Mounted | Yes |
| ** Input Watts (W) | 80 |
| Voltage/Cycle/Phase | 115/60/1 |
| Enclosure | ODP |



- Operating point at Total External SP
- Fan curve
- - - System curve

Notes:

All dimensions shown are in units of in.
 *FLA is approximate and will vary slightly with the motor.
 Sones - calculated using AMCA 301 at 5 ft
 ** Wattage is shown at free air.
 ** Wattage is approximate and may vary between motors.

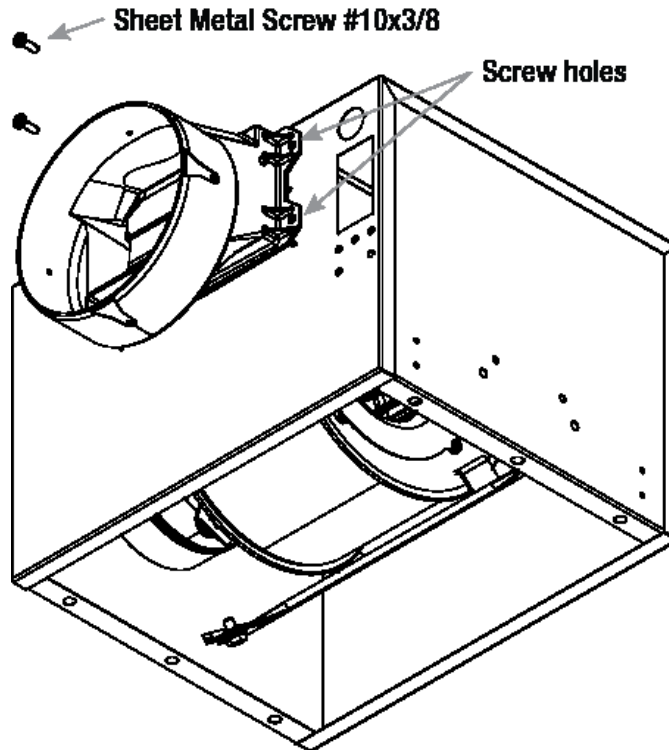


Round Duct Connector

Model: RDC

Standard Construction Features:

-Constructed of Polypropylene - Replaces the square discharge duct connector and damper using the existing mounting holes



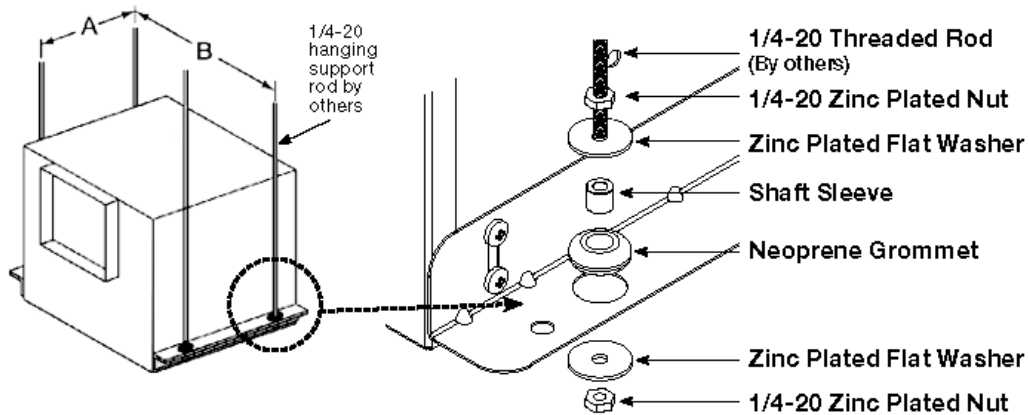
Notes: All dimensions shown are in units of in.

Isolation Kit

Type: Hanging

Standard Construction Features:

- Neoprene vibration isolation for hanging installation - Kit includes four isolators and all hardware necessary for mounting one unit except for the 0.25 in. x 20 in. threaded rod to be supplied by others - Fan mounting brackets include prepunched mounting holes for ease of installation



| Unit Size | A | B |
|---|-------------|---------------|
| B50-B200 | 4 1/2 (114) | 15 5/8 (397) |
| A50-A190 | 5 1/2 (140) | 14 5/8 (371) |
| A200-A390 | 6 3/4 (171) | 15 1/2 (394) |
| A410, A510, A710, A780 | 9 1/4 (235) | 19 5/8 (498) |
| A700 | 5 1/2 (140) | 25 1/8 (638) |
| A900 - A1050, A1410 - A1550 | 9 1/4 (235) | 25 3/8 (645) |
| A1750, A2150 | 9 1/4 (235) | 36 3/4 (933) |
| A3600 | 9 1/4 (235) | 48 5/8 (1235) |
| All dimensions shown in inches (millimeters). | | |

| Description | Qty |
|--------------------------|-----|
| Neoprene Grommets | 4 |
| 1 x 32 Zinc Plated Nuts | 8 |
| Zinc Plated Flat Washers | 8 |
| 3/8 x 3/16 Shaft Sleeves | 4 |