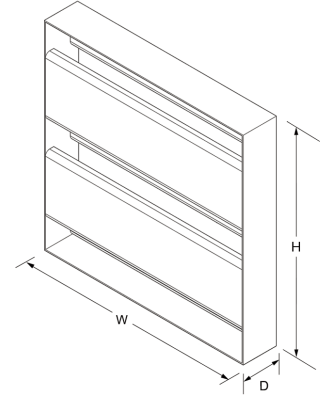


Section Sizes

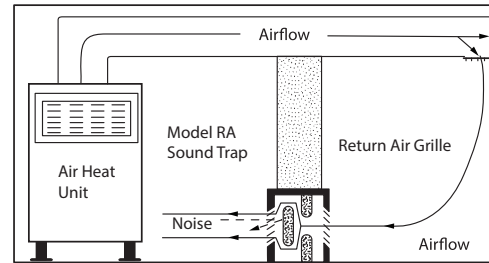
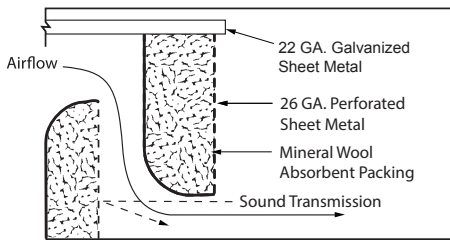
Minimum: 6" x 6" (152 x 152)
 Maximum: 48" x 48" (1219 x 1219)
 Undersized by 1/4" (6) overall

Construction Options

Casing Gauge: 22 Gauge (standard)
 Perforated Gauge: 26 Gauge Galvanized Perforated Steel (standard)
 Fill Material: Fiberglass



| Depth inches (mm) | Face Velocity fpm (m/s) | Pressure Drop in. wg (Pa) | Insertion Loss (dB) Octave Band Center Frequency (Hz) | | | | | | | | Generated Noise L _W (dB; 10 ¹² Watts) Octave Band Center Frequency (Hz) | | | | | | | |
|----------------------|-------------------------------|---------------------------------|--|----------|----------|----------|---------|---------|---------|---------|--|----------|----------|----------|---------|---------|---------|---------|
| | | | 1 63 | 2 125 | 3 250 | 4 500 | 5 1K | 6 2K | 7 4K | 8 8K | 1 63 | 2 125 | 3 250 | 4 500 | 5 1K | 6 2K | 7 4K | 8 8K |
| 4 (102) | 0.00 (0) | - | 0 | 0 | 1 | 3 | 9 | 14 | 9 | 8 | - | - | - | - | - | - | - | - |
| | 100 (0.5) | 0.03 (8) | 0 | 0 | 1 | 3 | 9 | 14 | 9 | 8 | 49 | 24 | 15 | 15 | 15 | 15 | 15 | 15 |
| | 200 (1) | 0.10 (25) | 0 | 0 | 1 | 3 | 9 | 14 | 9 | 8 | 58 | 41 | 26 | 31 | 32 | 20 | 15 | 15 |
| | 300 (1.5) | 0.23 (57) | 0 | 0 | 1 | 3 | 9 | 14 | 9 | 8 | 63 | 51 | 38 | 40 | 41 | 32 | 26 | 17 |
| | 400 (2) | 0.41 (102) | 0 | 0 | 1 | 3 | 9 | 14 | 9 | 8 | 67 | 58 | 47 | 47 | 47 | 40 | 36 | 28 |



Performance Notes

- Information is subject to change without notice or obligation.
- Dimensions in parenthesis () are millimeters.
- Data derived from independent laboratory tests in accordance with ASTM E477-13.
- "+" indicates forward flow. (supply), "-" indicates reverse flow. (return)
- Generated noise data is based on a face area of 4 ft². For each doubling of face area add 3 dB to the self-generated noise values.
- Pressure drops reported in accordance with ASTM E477-13 and are based on ideal flow conditions (5 duct diameters upstream and 10 downstream).
 Less than ideal conditions will result in an increase in pressure drop due to system effects.