

### Dimensional Data

| Unit Size | Nominal CFM (l/s) | A         | B             | C             | D             |
|-----------|-------------------|-----------|---------------|---------------|---------------|
| 3         | 300 (142)         | 20 (508)  | 26 1/2 (673)  | 20 3/8 (518)  | 22 5/8 (575)  |
| 4         | 400 (189)         | 25 (636)  | 31 1/2 (800)  | 25 3/8 (645)  | 27 5/8 (702)  |
| 6         | 600 (283)         | 30 (762)  | 36 1/2 (927)  | 30 3/8 (772)  | 32 5/8 (829)  |
| 8         | 800 (378)         | 40 (1016) | 46 1/2 (1181) | 40 3/8 (1026) | 42 5/8 (1083) |
| 12        | 1200 (566)        | 50 (1270) | 56 1/2 (1435) | 50 3/8 (1286) | 52 5/8 (1337) |
| 15        | 1500 (708)        | 60 (1524) | 66 1/2 (1689) | 60 3/8 (1534) | 62 5/8 (1591) |

- TYPE Z Chilled/Hot Water (2-pipe).
- TYPE ZW Chilled and Hot Water (4-pipe).

### STANDARD FEATURES:

- Galvanized steel casing.
- Telescoping inlet skirt and bottom return air ceiling panel.
- 1/2" (13) dual density insulation, exposed edges coated to prevent air erosion. Meets the requirements of NFPA 90A and UL 181.
- Energy efficient 3-speed PSC fan motor(s) with thermal overload protection.
- Single point electrical connection.
- Discharge collar for duct connection.
- Standard controls enclosure is mounted on side opposite coil connections.
- Bottom return with 1" (25) throwaway filter.

### WATER COIL SECTION:

- 1/2" (12.7) copper tubes with aluminum ripple fins.
- Cooling coils include a field reversible,

foam insulated, galvanized steel sloped drain pan with 7/8" (22.2) O.D. primary drain connection.

- Left hand unit / coil connection as shown (looking in direction of airflow) is standard. Right hand is opposite.
- Manual air vents.
- Sweat Connections: All 5/8" (15.9) O.D. male solder except size 15 three and four row: 7/8" (22.2) O.D. male solder.

### Coil Options:

- 2-Pipe system:
  - 3 Row C/HW.  4 Row C/HW.
- 4-Pipe system:
  - 3/1 C/HW Rows.  3/2 C/HW Rows.
  - 4/1 C/HW Rows.  4/2 C/HW Rows.

### Electrical Data

| Unit Size | Motor H. P.   | Fan Qty. | 3-Speed PSC Motor FLA |      |      |      |
|-----------|---------------|----------|-----------------------|------|------|------|
|           |               |          | 120V                  | 208V | 240V | 277V |
| 3         | 1/30          | 1        | 0.7                   | 0.4  | 0.5  | 0.4  |
| 4         | 1/15          | 1        | 1.3                   | 0.8  | 0.8  | 0.8  |
| 6         | 1/10          | 2        | 1.7                   | 0.9  | 0.9  | 0.9  |
| 8         | 1/6           | 2        | 2.1                   | 1.0  | 1.1  | 1.0  |
| 12        | 2 - 1/6, 1/15 | 3        | 3.4                   | 1.6  | 1.7  | 1.6  |
| 15        | 2 @ 1/6       | 4        | 4.1                   | 2.0  | 2.1  | 2.0  |

FLA = Full load amperage (High Fan Speed). All motors are single phase/60 Hz.

### OPTIONS AND ACCESSORIES:

- Foil face fiberglass liner.
- Closed cell foam liner.
- 1" (25) MERV 8 pleated filter.
- Bottom mounted hinged door controls enclosure.
- Right hand unit/coil connection.
- Toggle disconnect switch.
- Drain pan float switch.
- Factory assembled valve piping package (ships loose).
- 5/8" (16) O.D. secondary drain connection.
- Stainless steel drain pan.
- Aux. drip pan.

SCHEDULE TYPE:

PROJECT:

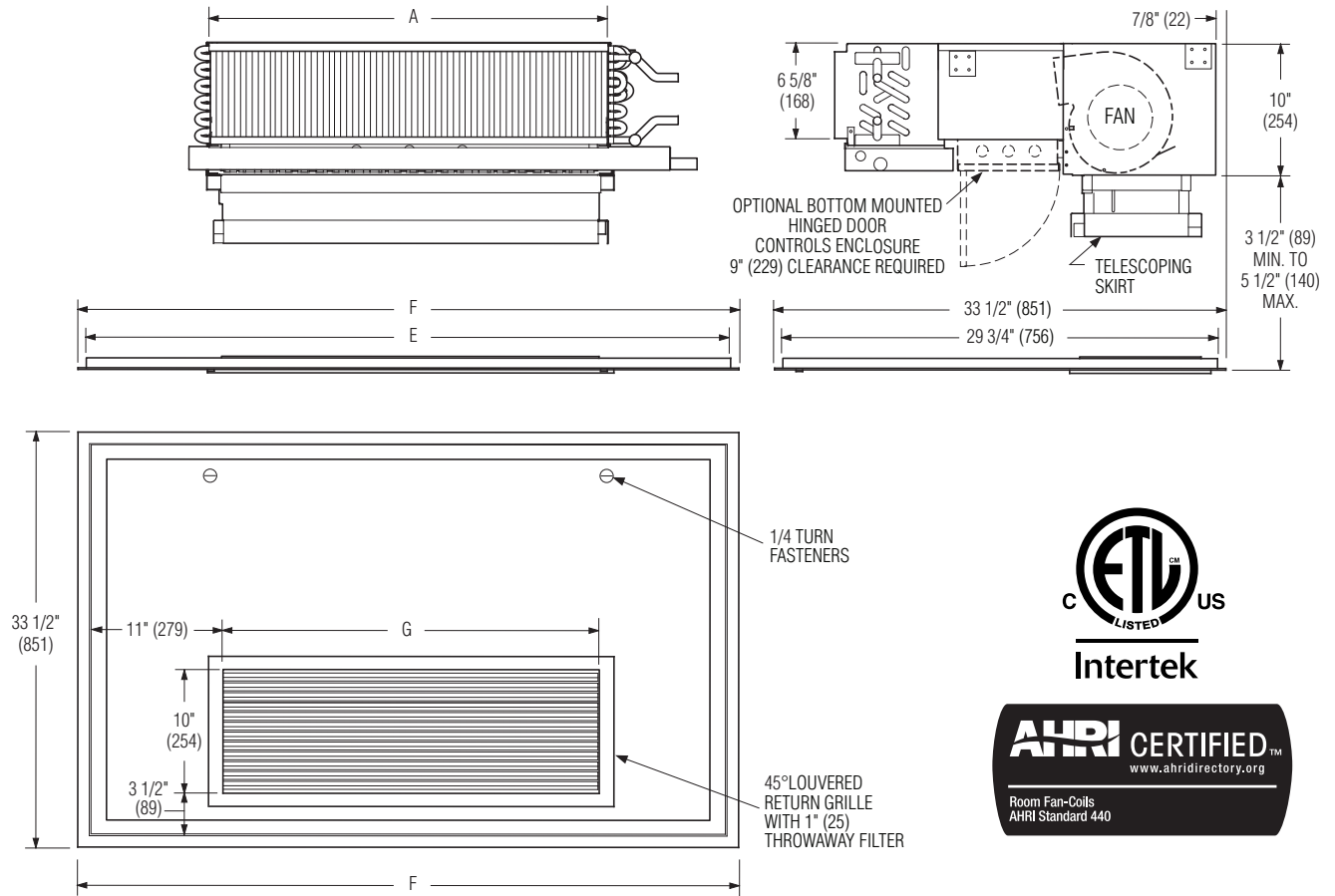
ENGINEER:

CONTRACTOR:

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Dimensions are in inches (mm).

| DATE        | B SERIES | SUPERSEDES | DRAWING NO. |
|-------------|----------|------------|-------------|
| 6 - 18 - 15 | 40       | 4 - 4 - 14 | 40HT-1      |

### BOTTOM PANEL ASSEMBLY



### Dimensional Data

| Unit Size | E             | F             | G         | Filter Size            |
|-----------|---------------|---------------|-----------|------------------------|
| 3         | 39 3/4 (1010) | 43 1/2 (1105) | 20 (508)  | 10 x 20 (254 x 508)    |
| 4         | 44 3/4 (1137) | 48 1/2 (1232) | 25 (635)  | 10 x 25 (254 x 635)    |
| 6         | 49 3/4 (1264) | 53 1/2 (1359) | 30 (762)  | 10 x 30 (254 x 762)    |
| 8         | 59 3/4 (1518) | 63 1/2 (1613) | 40 (1016) | 2@ 10 x 20 (254 x 508) |
| 12        | 69 3/4 (1772) | 73 1/2 (1867) | 50 (1270) | 2@ 10 x 25 (254 x 635) |
| 15        | 79 3/4 (2026) | 83 1/2 (2121) | 60 (1524) | 2@ 10 x 30 (254 x 762) |

### NOTES:

- Left hand unit as shown, right hand unit is built as mirror image.
- Telescoping skirt and collar assembly must be field adjusted to assure a proper fit between filter frame and louvered inlet panel assembly. In the event the louvered return grille is larger/smaller or does not align with the telescoping skirt, additional field modifications may be needed to prevent ceiling plenum air from being entrained into return plenum.
- 1/4-turn slotted fasteners. Qty. 2 for sizes 3 and 4, Qty. 3 for sizes 6 and 8, Qty. 4 for sizes 12 and 15.
- Minimum ceiling drywall opening should be cut as Panel Assembly neck dimension E x 29 3/4 (756) plus 1/4 (6).

SCHEDULE TYPE:

PROJECT:

ENGINEER:

CONTRACTOR:

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