

### MODELS:

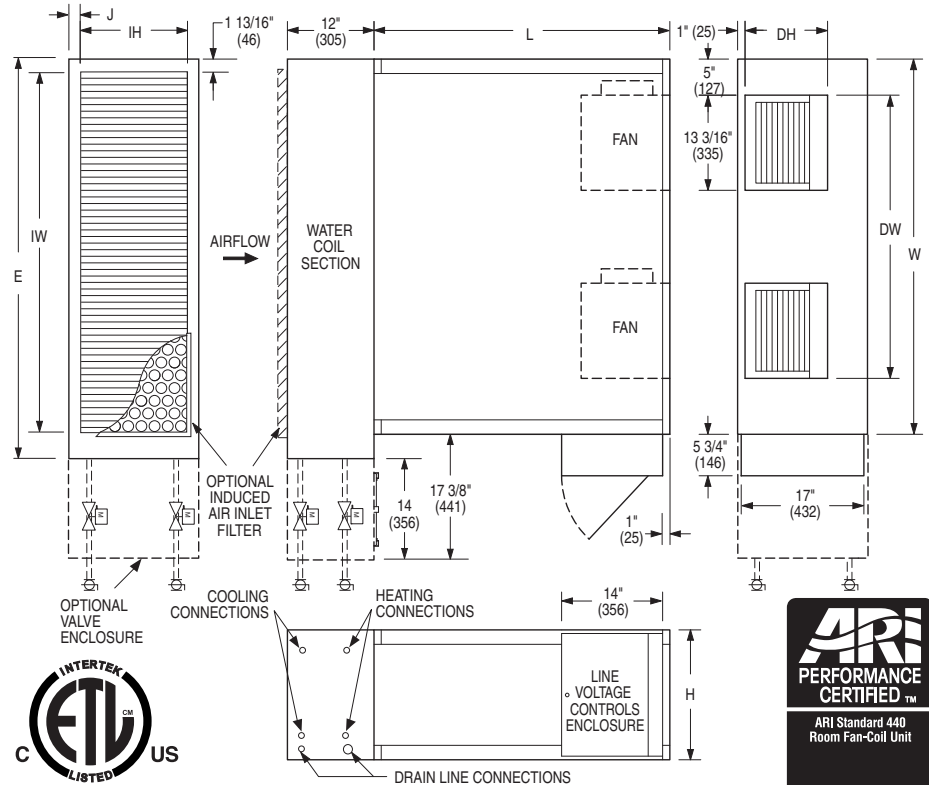
- 35FZ** Chilled water.
- 35FW** Hot water.
- 35FZW** Chilled and hot water.

### STANDARD FEATURES:

- 18 ga. (1.3) galvanized steel channel frame with 20 ga. (1.0) casing components.
- 3/4" (19) dual density insulation, exposed edges coated to prevent air erosion. Meets the requirements of NFPA 90A and UL 181.
- Top and bottom full size access panels for ease of maintenance and service.
- Ultra-energy efficient ECM fan motor with overload protection. Solid state EPIC fan volume controller.
- Motor blower assembly mounted on special 16 ga. (1.6) angles and isolated from casing with rubber isolators.
- Single point electrical connection.
- Discharge opening designed for flanged duct connection.
- Controls mounted as standard on RH side as shown. Terminals ordered with LH controls (optional) are inverted and discharge duct hanging location will therefore change.

### WATER COIL SECTION:

- Installed on inlet as a draw through design.
- Coil (and header on multi-circuit units) is installed in insulated casing for increased thermal efficiency.
- 1/2" (13) copper tubes with aluminum ripple fins.
- Cooling coils include an insulated, stainless steel drain pan with 3/4" (19) male NPT primary drain connection and 1/2" (13) male NPT secondary drain connection.
- Top and bottom access panels for inspection and coil cleaning.
- Right hand coil connection (looking in direction of airflow) is standard. Left hand is optional.
- Sweat Connections:  
One Row 1/2" (13) O.D. male solder. Two, Three, four and five Row 7/8" (22.2) O.D. male solder.



### Dimensional Data. Imperial Units (inches)

Unit Size	W	H	L	E	J	Inlet IW x IH	Outlet Discharge DW x DH	Filter Size
7	52	18	41	55 3/8	1 9/16	50 x 14 7/8	39 1/4 x 11 1/2	50 x 16

### Dimensional Data. Metric Units (mm)

Unit Size	W	H	L	E	J	Inlet IW x IH	Outlet Discharge DW x DH	Filter Size
7	1320	457	1041	1407	40	1270 x 378	997 x 292	1270 x 406

### Electrical Data

Unit Size	Motor H.P.	ECM Motor			
		Voltage	120/1/60	208/240/1/60	277/1/60
7	2@3/4	Watts	1585	1477	1280
		FLA	15.7	10.7	9.2

All ECM motors are single phase, 50/60 Hz.  
FLA = Full load amperage

### Coil Options:

- 2 Pipe system:      4 Pipe system:
- 3 Row Coil.       3/1 ChW/HW Rows.
  - 4 Row Coil.       3/2 ChW/HW Rows.
  - 5 Row Coil.       4/1 ChW/HW Rows.
  - 6 Row Coil.       4/2 ChW/HW Rows.

Dimensions are in inches (mm).

### OPTIONS:

- Nailor Direct Digital Controller (BACnet compliant).
- Nailor Analog Electronic Controls.
- 1" (25) throwaway fiberglass media filter.
- 1" (25) MERV 7 pleated disposable filter.
- Factory assembled valve piping package, mounted in full protective enclosure.
- Ultraviolet light package.
- Fiber-free liner.
- Perforated metal liner.
- Steri-liner.
- Solid metal liner.
- Hanger brackets.
- LH controls location/configuration.
- Safety overflow float switch.
- Toggle disconnect switch.
- Ducted filter connection (see separate submittal 35F/37F-FFR).

**SCHEDULE TYPE:**

**PROJECT:**

**ENGINEER:**

**CONTRACTOR:**

**DATE**

**B SERIES**

**SUPERSEDES**

**DRAWING NO.**

6 - 16 - 08

35F

7 - 18 - 06

35F-2