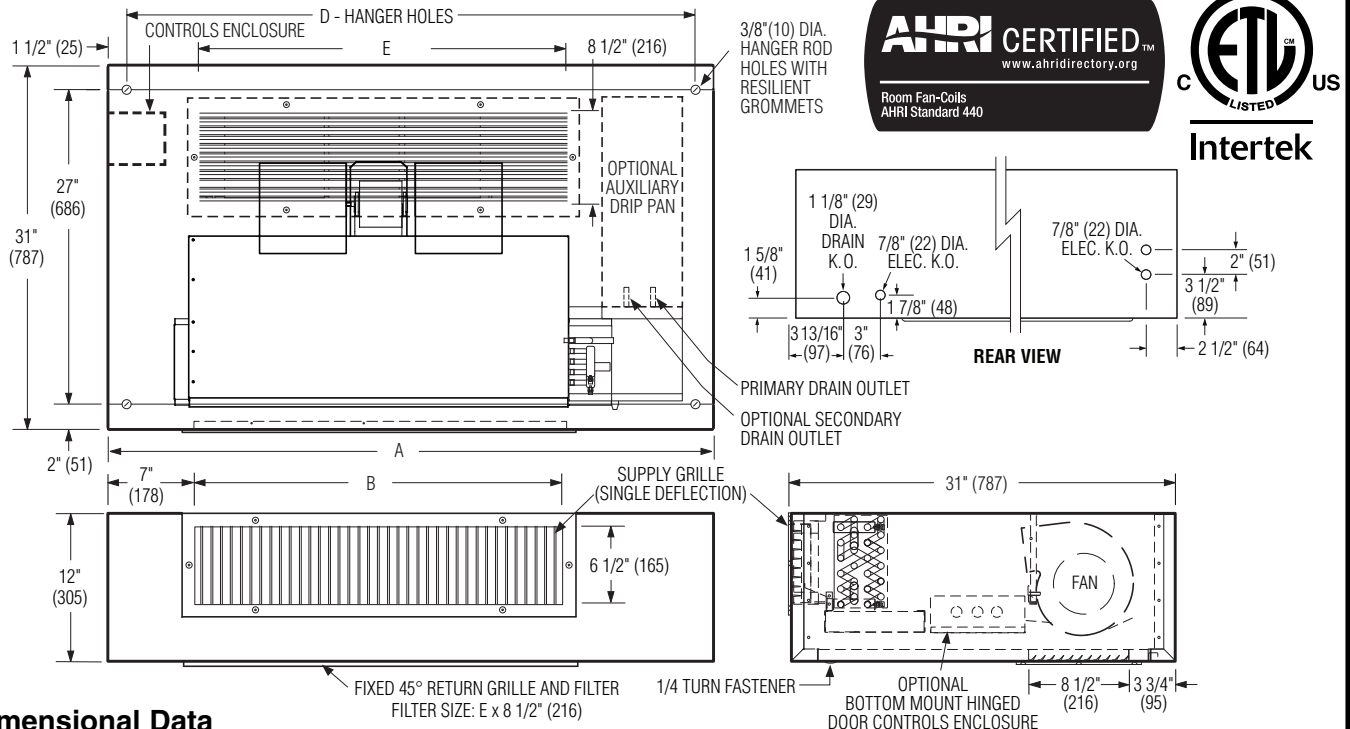


LOW PROFILE HORIZONTAL FAN COIL UNITS EXPOSED CABINET • 3-SPEED ECM MOTOR 2 & 4 PIPE COOLING / HEATING, MODEL: 40HX TYPES Z AND ZW FRONT SUPPLY AND BOTTOM RETURN GRILLE



Dimensional Data

Unit Size	Nominal CFM (l/s)	A	B	D	E
3	300 (142)	39 (991)	20 (508)	36 (914)	25 (635)
4	400 (189)	44 (1118)	25 (635)	41 (1041)	30 (762)
6	600 (283)	49 (1245)	30 (762)	46 (1168)	35 (889)
8	800 (378)	59 (1499)	40 (1016)	56 (1422)	45 (1143)
12	1200 (566)	69 (1753)	50 (1270)	66 (1676)	55 (1397)
15	1500 (708)	79 (2007)	60 (1524)	76 (1930)	65 (1651)

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

STANDARD FEATURES:

- Galvanized steel cabinet with powder coat paint finish.
- Bottom panel is hinged and removable for access to all internal components.
- 1/2" (13) dual density insulation, exposed edges coated to prevent air erosion. Meets the requirements of NFPA 90A and UL 181.
- Ultra-energy efficient 3-speed ECM fan motor(s) with thermal overload protection.
- Single point electrical connection.
- 1" (25) throwaway filter.
- Standard controls enclosure is mounted on side opposite coil connections.

WATER COIL SECTION:

- 1/2" (12.7) copper tubes with aluminum ripple fins.

- Cooling coils include a foam insulated, galvanized steel sloped drain pan with 7/8" (22.2) O.D. primary drain connection.
- Left hand unit / coil connection 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 ECM Motor FLA			
			120V	208V	240V	277V
3	1/8	1	1.8	0.8	0.7	0.7
4	1/8	1	2.3	1.4	1.4	1.2
6	1/8	2	2.1	1.5	1.3	1.2
8	1/4	2	2.8	1.9	1.8	1.6
12	2 - 1/8, 1/4	3	3.9	2.5	2.6	2.5
15	2 @ 1/4	4	4.4	3.0	2.9	2.7

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 (ship loose).
- Double deflection supply grille.

Dimensions are in inches (mm).

SCHEDULE TYPE:

PROJECT:

ENGINEER:

CONTRACTOR:

DATE

B SERIES

SUPERSEDES

DRAWING NO.

6 - 16 - 14

40

NEW

40HX-3