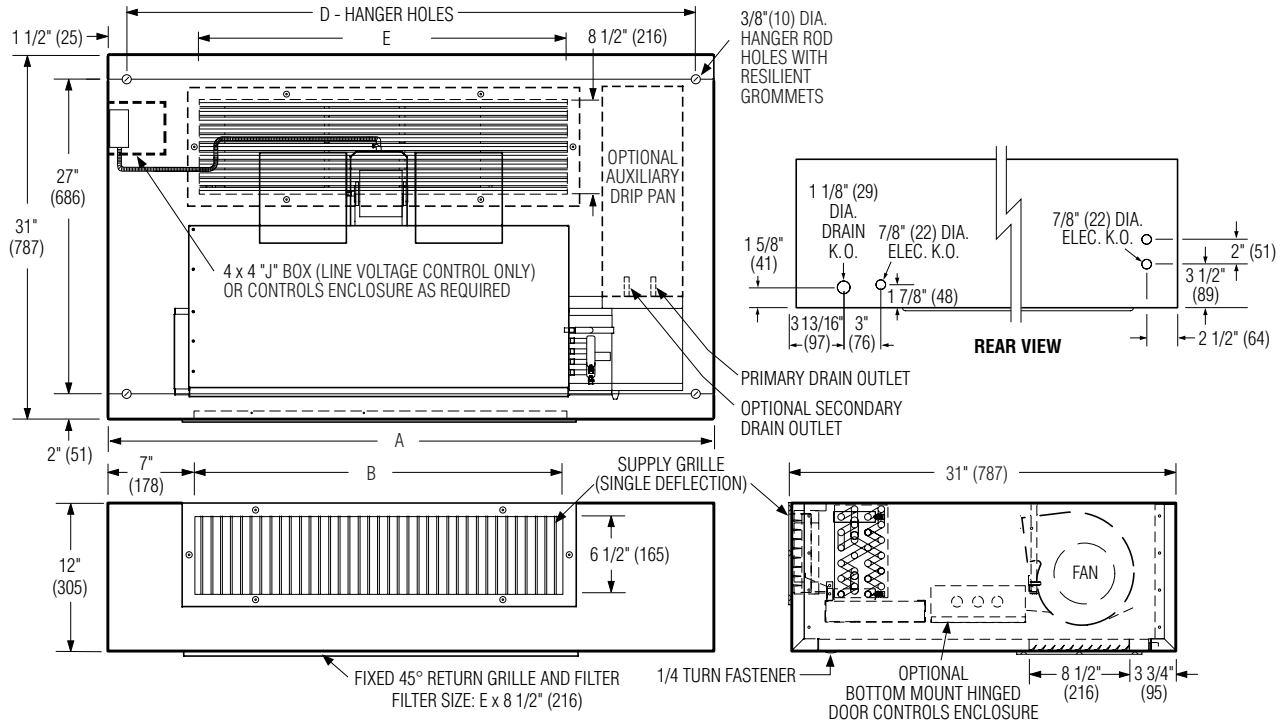
Engineered Comfort

LOW PROFILE HORIZONTAL FAN COIL UNITS
EXPOSED CABINET • 2 & 4 PIPE COOLING /HEATING
PROPORTIONAL ECM OR 3-SPEED ECM
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)

Electrical Data

Unit Size	Fan Qty.	Proportional ECM Motor FLA					3-Speed ECM Motor FLA				
		Motor HP	120V	208V	240V	277V	Motor HP	120V	208V	240V	277V
3	1	1/4	1.8	0.8	0.7	0.7	1/8	1.8	0.8	0.7	0.7
4	1	1/4	2.3	1.4	1.4	1.2	1/8	2.3	1.4	1.4	1.2
6	2	1/4	2.1	1.5	1.3	1.2	1/8	2.1	1.5	1.3	1.2
8	2	1/4	2.8	1.9	1.8	1.6	1/4	2.8	1.9	1.8	1.6
12	3	2 @ 1/4	3.9	2.5	2.6	2.5	2 - 1/8, 1/4	3.9	2.5	2.6	2.5
15	4	2 @ 1/4	4.4	3.0	2.9	2.7	2 @ 1/4	4.4	3.0	2.9	2.7

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

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AHRI CERTIFIED™
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Room Fan-Coils
AHRI Standard 440

SCHEDULE TYPE:				
PROJECT:				
ENGINEER:	**DATE**	**B SERIES**	**SUPERSEDES**	**DRAWING NO.**
CONTRACTOR:	**11 - 3 - 26**	**40**	**1 - 20 - 20**	**40HX-1**

Dimensions are in inches (mm)

Engineered Comfort reserves the right to change any information concerning product or pricing without notice.

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MODEL: 40HX TYPES Z AND ZW
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TYPE:

❑ **Z** Chilled/Hot Water (2-pipe system)

Coil Options:
- ❑ 3 Row C/HW
- ❑ 4 Row C/HW

❑ **ZW** Chilled & Hot Water (4-pipe system)

Coil Options:
- ❑ 3/1 CW/HW Rows
- ❑ 4/1 CW/HW Rows
- ❑ 3/2 CW/HW Rows
- ❑ 4/2 CW/HW Rows

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.
- Single point electrical connection.
- 1" (25) throwaway filter.
- Standard controls enclosure is mounted on side opposite coil connections.

MOTOR OPTIONS:

❑ Ultra-energy efficient proportional ECM fan motor(s) with thermal overload protection.

❑ Energy efficient 3-Speed ECM fan motor(s) with thermal overload protection.

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.

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.
❑ Double deflection supply grille.
❑ Auxiliary drip pan (ship loose).

SCHEDULE TYPE:	Page 2 of 2. Dimensions are in inches (mm)			
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