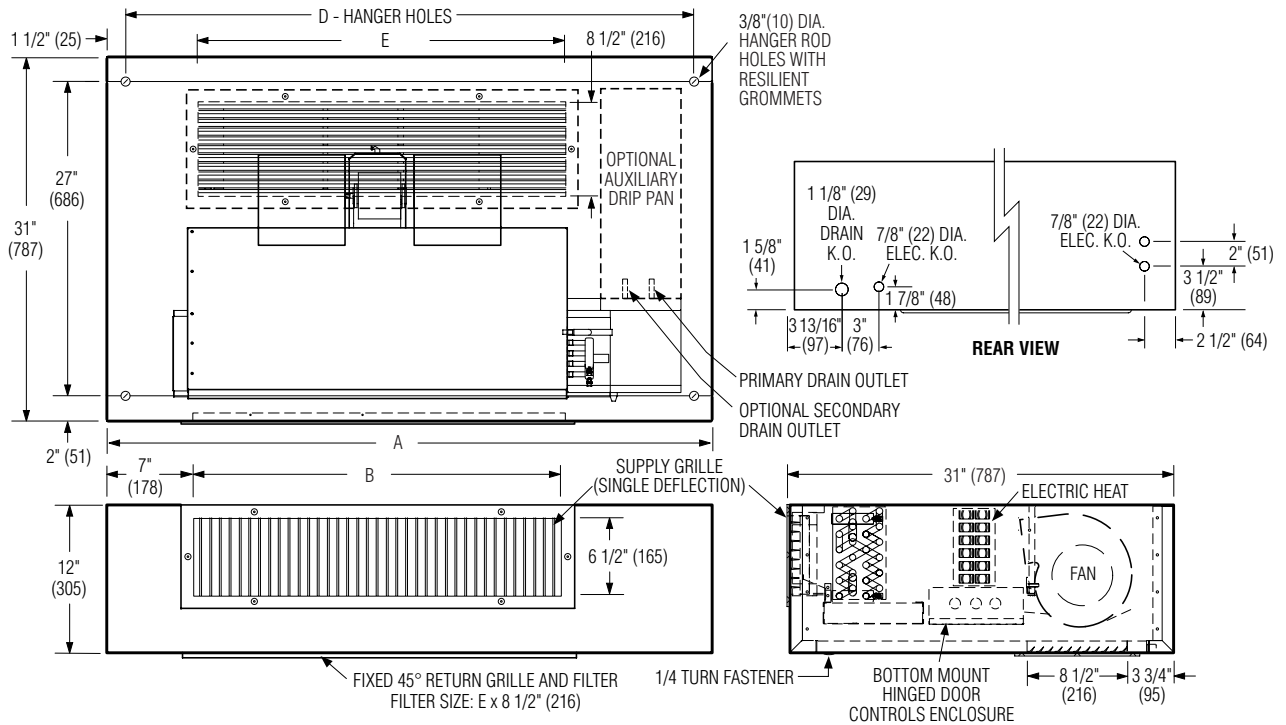




LOW PROFILE HORIZONTAL FAN COIL UNITS
EXPOSED CABINET • PROPORTIONAL ECM, 3-SPEED
ECM OR PSC MOTOR • 2 PIPE COOLING & ELECTRIC HEAT
MODEL: 40HX TYPE ZE
FRONT SUPPLY AND BOTTOM RETURN GRILLE



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					3-Speed PSC Motor FLA				
		Motor HP	120V	208V	240V	277V	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	1/30	0.7	0.4	0.5	0.4
4	1	1/4	2.3	1.4	1.4	1.2	1/8	2.3	1.4	1.4	1.2	1/15	1.3	0.8	0.8	0.8
6	2	1/4	2.1	1.5	1.3	1.2	1/8	2.1	1.5	1.3	1.2	1/10	1.7	0.9	0.9	0.9
8	2	1/4	2.8	1.9	1.8	1.6	1/4	2.8	1.9	1.8	1.6	1/6	2.1	1.0	1.1	1.0
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	2 - 1/6, 1/15	3.4	1.6	1.7	1.6
15	4	2 @ 1/4	4.4	3.0	2.9	2.7	2 @ 1/4	4.4	3.0	2.9	2.7	2 @ 1/6	4.1	2.0	2.1	2.0

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

SCHEDULE TYPE:		Page 1 of 2. Dimensions are in inches (mm)			
PROJECT:					
ENGINEER:	DATE	B SERIES	SUPERSEDES	DRAWING NO.	
CONTRACTOR:	1 - 20 - 20	40	11 - 3 - 14	40HX-2	



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TYPE ZE: Chilled/Hot Water and Electric Heat
 (2-pipe system)

Coil Options:

- 3 Row C/HW
- 4 Row C/HW

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.

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.
- 3-Speed PSC 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: 7/8" (22.2) O.D. male solder.

ELECTRIC HEAT:

- High-grade resistance elements mounted directory in front of fan outlet(s).
- Automatic reset high limit cut-outs (one per element).
- Single point power connection
 Voltage (single phase, 60 Hz):
 120V 208V
 240V 277V

OPTIONS AND ACCESSORIES:

- Foil face fiberglass liner.
- Closed cell foam liner.
- 1" (25) MERV 8 pleated filter.
- Right hand unit/coil connection.
- Toggle disconnect switch.
- Door interlocking disconnect switch.
- Drain pan float switch.
- Factory assembled valve piping package (ships loose).
- 5/8" (16) O.D.vvv. secondary drain connection.
- Stainless steel drain pan.
- Double deflection supply grille.
- Auxiliary drip pan (ship loose).

SCHEDULE TYPE:		Page 2 of 2.			
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