



**VERTICAL LOW PROFILE FLOOR FAN COIL UNITS
 FLAT TOP EXPOSED CABINET
 3-SPEED AND PROPORTIONAL ECM MOTOR
 2 & 4 PIPE COOLING / HEATING
 MODEL: 42VX TYPE Z, W AND ZW**

TYPE:

Z Chilled/Hot Water
 (2-pipe system)

Coil Options:

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

W Hot Water Only
 (2-pipe system)

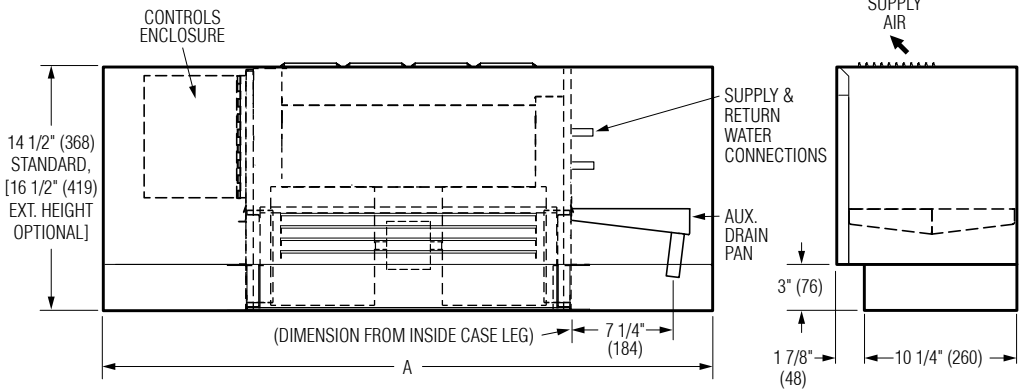
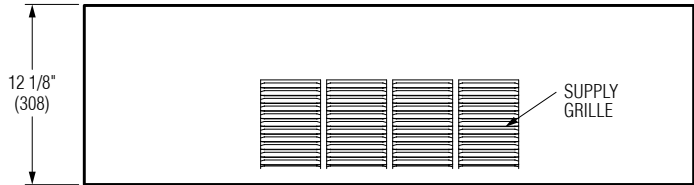
Coil Options:

- 1 Row
- 2 Rows
- 3 Rows

ZW Chilled & Hot Water
 (4-pipe system)

Coil Options:

- 2/1 CW/HW Rows
- 3/1 CW/HW Rows
- 2/2 CW/HW Rows



Dimensional Data

Unit Size	Nominal CFM (l/s)	A	Filter Size W x H
2	200 (94)	41 (1041)	21 3/4 x 7 (552 x 178)
3	300 (142)	46 (1168)	26 3/4 x 7 (679 x 178)
4	400 (189)	54 (1372)	34 3/4 x 7 (883 x 178)
6	600 (283)	68 (1727)	48 3/4 x 7 (1238 x 178)

Electrical Data

Unit Size	Fan Qty.	Motor HP	3-Speed & Proportional ECM Motor FLA			
			120V	208V	240V	277V
2	1	1@1/4	0.7	0.4	0.4	0.4
3	2	1@1/4	0.8	0.5	0.5	0.5
4	2	1@1/4	1.1	0.7	0.7	0.7
6	3	2@1/4	1.9	1.3	1.2	1.2



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

STANDARD FEATURES:

- Galvanized steel cabinet with powder coat paint finish.
- 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 ECM fan motor(s) with thermal overload protection.
- Single point electrical connection.
- 1" (25) throwaway filter.
- Top supply air stamped louver grille.
- Standard controls enclosure is mounted on side opposite coil connections.
- Quarter-turn, slotted cabinet fasteners.
- AW Appliance White powder coat finish.

WATER COIL SECTION:

- 1/2" (12.7) copper tubes with aluminum ripple fins.
- Cooling coils include a foam insulated, galvanized steel sloped main and aux. drain pan with 7/8" (22.2) O.D. drain connection.
- Right hand unit / coil connection as shown is standard. Left hand is opposite.
- Manual air vents.
- Sweat Connections: All 5/8" (15.9) O.D. male solder.

CONTROLS:

- By Nailor.
- By others.

MOTOR OPTION:

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

OPTIONS AND ACCESSORIES:

- 16 1/2" (419) Extended Height.
- Foil face fiberglass liner.
- Closed cell foam liner.
- 1" (25) MERV 8 pleated filter.
- Left hand unit/coil connection.
- Toggle disconnect switch.
- Drain pan float switch.
- Door disconnect switch.
- Factory assembled valve piping package.
- Main fusing (unit).
- Outside air inlet w/manual balancing damper.
- Auto air vents.
- Stainless steel coil casing.
- 0.025" (0.635) Tube wall.
- Stainless steel drain pan.
- Aux. stainless steel drip pan.
- Tamper proof cabinet fasteners.
- 1" (25) Adjustment leveling legs.
- Special custom paint finish _____.
- Special Features: _____.

SCHEDULE TYPE:
PROJECT:
ENGINEER:
CONTRACTOR:

Page 1 of 1. Dimensions are in inches (mm).			
DATE	B SERIES	SUPERSEDES	DRAWING NO.
8 - 31 - 22	42	2 - 15 - 22	42VX