Engineered Comfort

VERTICAL HI-RISE FAN COIL UNITS WITH EPIC ECM OR 3-SPEED ECM MOTOR
TYPE A/B PAIRED (CONCEALED)
PIGGYBACK ASSEMBLY • 2 PIPE OR 4 PIPE
MODEL SERIES: 39VH • UNIT SIZES 3 – 21

MODELS:

- ❑ **39VHZ** Chilled/Hot Water (2-pipe).
- ❑ **39VHZE** Chilled Water & Electric Heat (2-pipe).
- ❑ **39VHZW** Chilled & Hot Water (4-pipe).
- ❑ **39VHW** Hot Water (2-pipe).

STANDARD FEATURES:

- 20 ga. (1.0) galvanized steel casing.
- 1/2" (13), 2 lb/cu.ft. density water repellent fiberglass insulation.
- 1" (25) throwaway filter.
- Galvanized steel insulated drain pan.
- Factory installed P-Trap.
- Double deflection supply grille(s), see drawing 39VH/L-3.
- Front return panel (not shown, see drawing 39VH-6) with AW Appliance White powder coat finish.
- Factory installed piping package(s).

OPTIONS:

- ❑ 1/2" (13) Fiber-Free liner.
- ❑ 1/2" (13) Steri-liner.
- ❑ 1" (25) MERV 8 pleated filter.
- ❑ 1 Hour Fire Rated Unit (UL Standard 1479). ETL Listed: File# 3188823SAT-005. Adds second layer of Type X gypsum board on master unit and fire blocking at pipe penetrations.
- ❑ Electric heat.
- ❑ Stainless steel drain pan.
- ❑ Drain pan float switch.
- ❑ Toggle disconnect switch.
- ❑ Outside air damper.
- ❑ Thermostat / Controls (by Engineered Comfort).
- ❑ Special features: _____ .

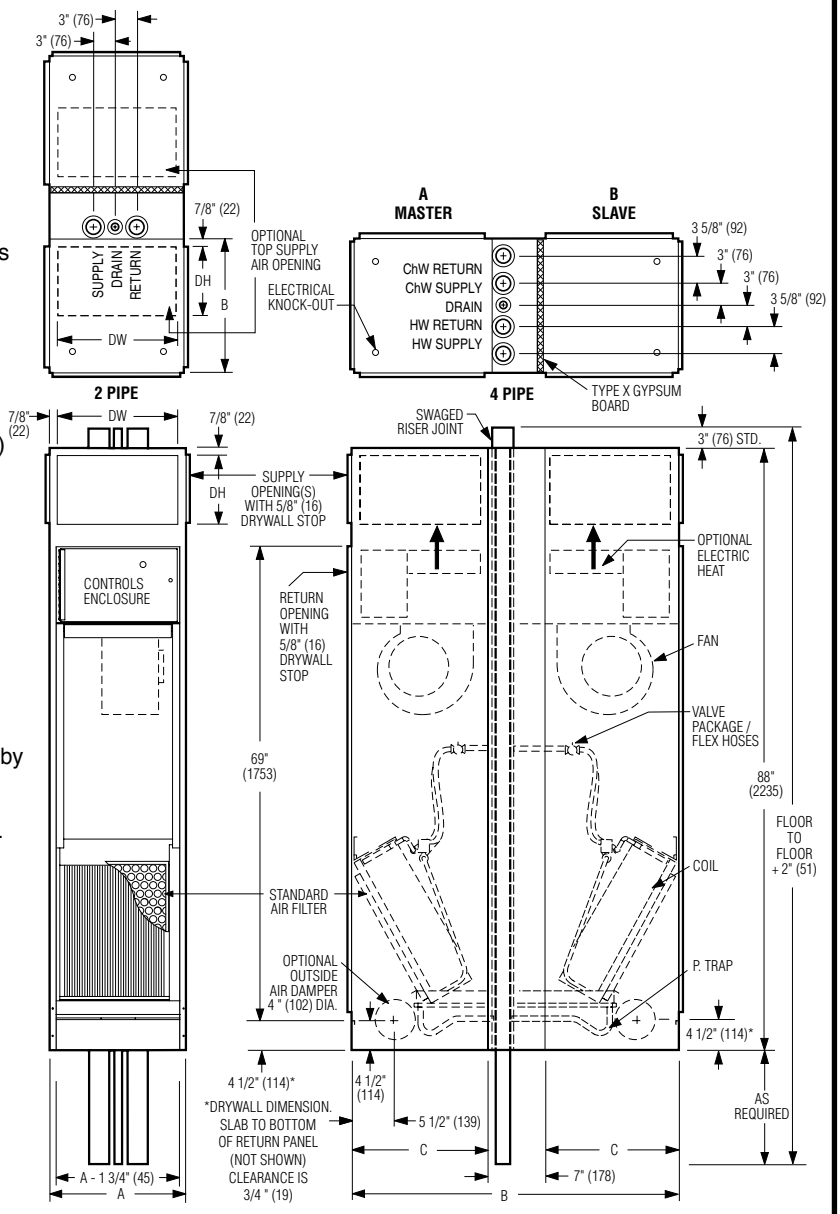
WATER COIL:

- 1/2" (13) Copper tubes with aluminum ripple fins.
- Manual air vents.
- Stainless steel flexible hose connections.

Coil Options:

2 Pipe system:
- ❑ 3 Row C/HW.
- ❑ 4 Row C/HW.
- ❑ 1 Row HW Only.
- ❑ 2 Row HW Only.
- ❑ 3 Row HW Only.

4 Pipe system:
- ❑ 3/1 CW/HW Rows.
- ❑ 3/2 CW/HW Rows.
- ❑ 4/1 CW/HW Rows.



Dimensional Data

Unit Size	Footprint A x B	C	Supply Grille Nominal DW x DH	Filter Size
3, 5, 6	18 x 43 (457 x 1092)	18 (451)	16 x 10 (406 x 254)	13 1/8 x 16 3/4 (333 x 425)
8, 10	20 x 47 (508 x 1194)	20 (508)	18 x 10 (457 x 254)	15 1/2 x 24 (394 x 610)
12, 15	24 x 55 (610 x 1397)	55 (610)	22 x 10 (559 x 254)	18 1/2 x 29 (470 x 737)
19, 21	30 x 55 (762 x 1397)	55 (610)	28 x 10 (711 x 254)	24 1/2 x 29 (622 x 737)

NOTES:

1. Wiring from electrical entry knock-out to controls enclosure is furnished and field installed by others.
2. Risers available from 3/4" (19) to 3" (76) dia. with either 1/2" (13) or 3/4" (19) thick insulation.
3. Max. riser length is 120" (3048), 100" (2540) min.
4. Back riser location on Type A unit shown. See drawing 39VH/L-1 for available riser and discharge grille unit configurations.
5. Non-fire rated unit shown with single layer Type X gypsum board at back of slave unit.

Intertek

AHRI CERTIFIED™ www.ahridirectory.org Room Fan-Coils AHRI Standard 440

Dimensions are in inches (mm).

SCHEDULE TYPE:				
PROJECT:				
ENGINEER:	DATE	B SERIES	SUPERSEDES	DRAWING NO.
CONTRACTOR:	5 - 15 - 26	39	8 - 5 - 16	39VH-3

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