

MODELS:

- 39LZ** Chilled/Hot Water (2-pipe).
- 39LZE** Chilled Water & Electric Heat (2-pipe).
- 39LZW** Chilled & Hot Water (4-pipe).
- 39LW** 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 39L-5) 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.
- Factory mounted risers.
- 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:

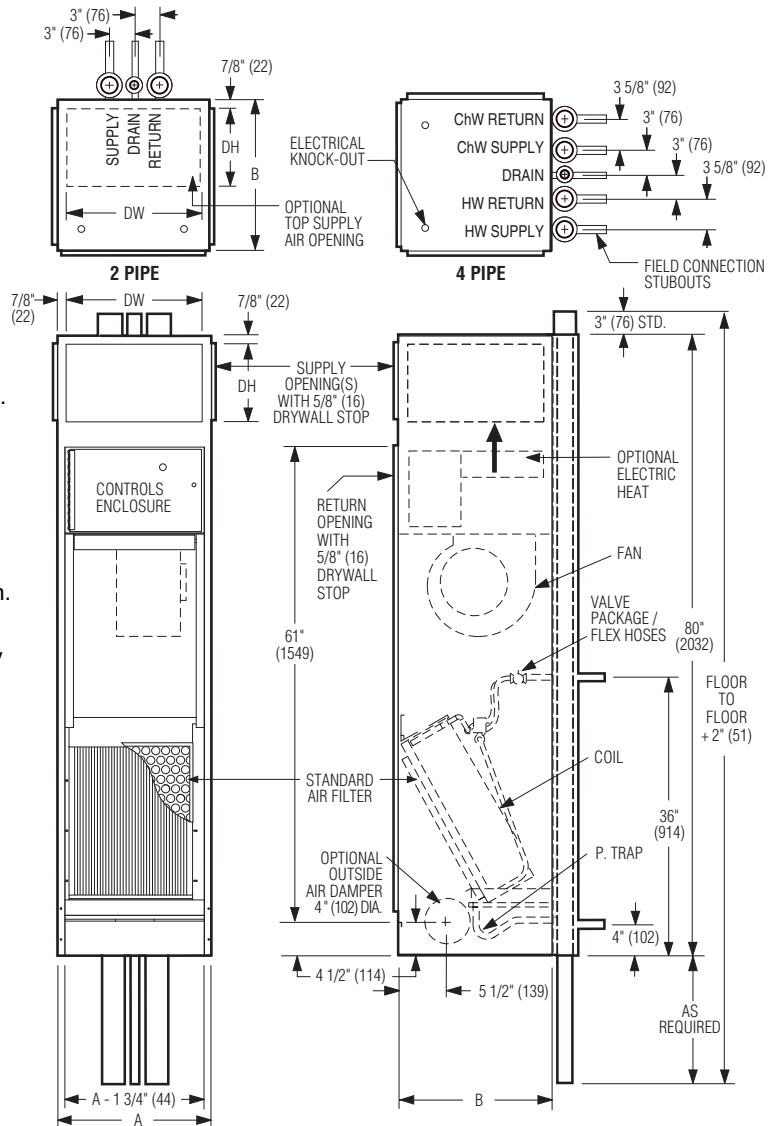
- 2 Pipe system:
- 3 Row C/HW.
 - 4 Row C/HW.
 - 1 Row HW Only.
 - 2 Row HW Only.
 - 3 Row HW Only.
- 4 Pipe system:
- 3/1 CW/HW Rows.
 - 3/2 CW/HW Rows.
 - 4/1 CW/HW Rows.

Dimensional Data

| Unit Size | Footprint A x B | Supply Grille Nominal DW x DH | Filter Size |
|-----------|---------------------|-------------------------------|-----------------------------|
| 3, 5, 6 | 18 x 18 (457 x 457) | 16 x 10 (406 x 254) | 13 1/8 x 16 3/4 (333 x 425) |
| 8, 10 | 20 x 20 (508 x 508) | 18 x 10 (457 x 254) | 15 1/2 x 24 (394 x 610) |
| 12, 15 | 24 x 24 (610 x 610) | 22 x 10 (559 x 254) | 18 1/2 x 29 (470 x 737) |
| 19, 21 | 30 x 24 (762 x 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 112" (2845), 92" (2337) min.
4. Back riser location shown. See drawing 39VH/L-1 for available riser and discharge grille unit configurations.
5. All piping and insulation between master and slave unit is furnished and field installed by others.
6. Riser stubouts are approx. 4 1/2" (114) long. Water connections are 5/8" (16) O.D. and drain connection is 7/8" (22) O.D.
7. Factory mounted risers shown. See drawing 39VH/L-2 for shipped loose riser details.



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|-----------------------|--|
| SCHEDULE TYPE: | |
| PROJECT: | |
| ENGINEER: | |
| CONTRACTOR: | |

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Dimensions are in inches (mm).

| DATE | B SERIES | SUPERSEDES | DRAWING NO. |
|------------|----------|--------------|-------------|
| 8 - 5 - 16 | 39 | 11 - 15 - 11 | 39L-2 |



LOW PROFILE VERTICAL HI-RISE FAN COIL UNITS
 (SHORT CABINET) • 2 PIPE OR 4 PIPE
WITH EPIC ECM, 3-SPEED ECM OR 3-SPEED PSC
MOTOR • TYPE M CONCEALED MASTER
MODEL SERIES: 39L • UNIT SIZES 3 – 21

Electrical Data

| Unit Size | EPIC ECM Motor FLA | | | | | 3-Speed ECM 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 | * | — | — | — | — | 1/3 | 1.6 | 1.1 | 1.1 | 1.0 | 1/10 | 1.8 | 0.7 | 0.7 | 0.6 |
| 5 | * | — | — | — | — | 1/3 | 2.0 | 1.4 | 1.4 | 1.2 | 1/10 | 1.9 | 0.7 | 0.7 | 0.6 |
| 6 | * | 3.6 | 2.3 | 2.2 | 2.0 | 1/3 | 2.5 | 1.8 | 1.7 | 1.6 | 1/6 | 2.7 | 1.1 | 1.1 | 0.9 |
| 8 | * | — | — | — | — | 1/3 | 3.4 | 2.4 | 2.3 | 2.1 | 1/6 | 2.7 | 1.1 | 1.1 | 0.9 |
| 10 | * | 6.8 | 4.0 | 4.3 | 3.6 | 1/2 | 4.7 | 3.3 | 3.2 | 2.9 | 1/3 | 4.7 | 2.0 | 2.0 | 1.8 |
| 12 | * | — | — | — | — | 3/4 | 5.3 | 3.7 | 3.7 | 3.3 | 1/3 | 5.5 | 2.6 | 2.6 | 2.1 |
| 15 | * | 8.7 | 5.8 | 5.4 | 4.6 | 3/4 | 8.0 | 5.6 | 5.5 | 5.0 | 1/2 | 3.5 | 3.8 | 3.8 | 2.8 |
| 19 | * | 12.7 | 8.5 | 7.8 | 6.5 | 1 | 11.9 | 8.3 | 8.2 | 7.4 | 3/4 | 4.3 | 5.1 | 5.1 | 4.1 |
| 21 | * | — | — | — | — | 1 | 12.5 | 8.8 | 8.6 | 7.8 | 3/4 | 4.2 | 5.1 | 5.1 | 4.1 |

* The EPIC ECM is a variable horsepower motor. Refer to Selectworks schedule for actual power consumption.
 FLA = Full load amperage (high speed fan). All motors are single phase/60 Hz.

MOTOR OPTIONS:

- EPIC ECM. Ultra-high efficiency fan motor with overload protection. EPIC fan volume controller, 0–10 Vdc.
- 3-Speed ECM. Ultra-high efficiency fan motor with overload protection.
- 3-Speed PSC Motor. Energy efficient fan motor with overload protection.

ELECTRIC HEAT:

- Class 'A' 80/20 Ni./Cr. wire.
- Automatic reset high limit cut-outs (one per element).
- Magnetic contactors per stage.

Voltage:

Single phase, 60 Hz.

- 120V 208V 240V 277V

Electric heat options:

- Door interlocking disconnect switch.
- Main fusing.
- Quiet contactors.
- Manual reset secondary Hi-limit thermal cut out.
- UV light w/safety switch.

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| SCHEDULE TYPE: |
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