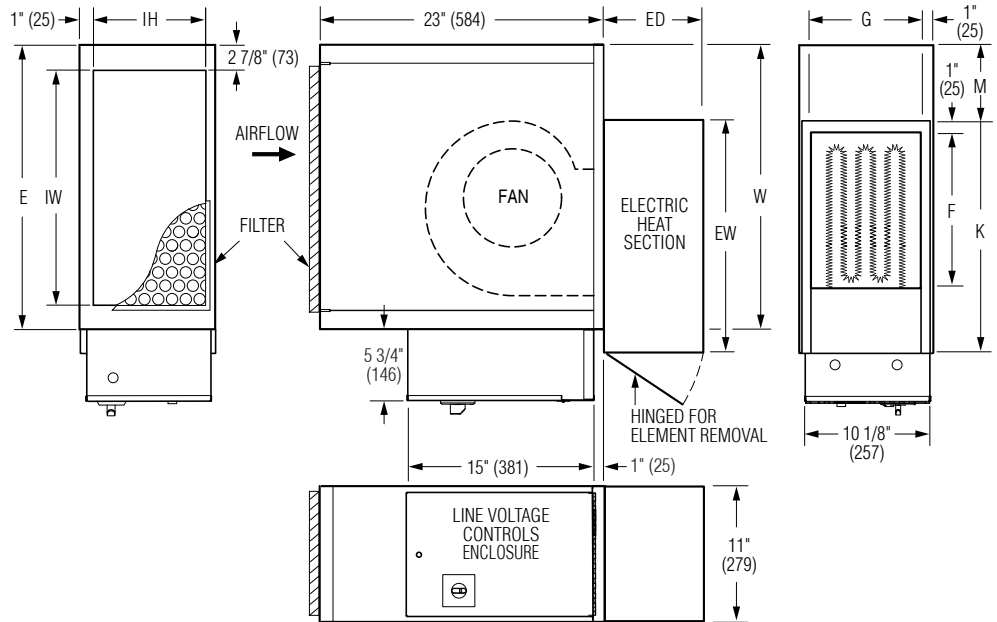


STANDARD FEATURES:

- 20 ga. (1.0) galvanized steel casing components.
- 1/2" (13) dual density insulation, exposed edges coated to prevent air erosion. Meets the requirements of NFPA 90A and UL 181.
- Top and bottom full size access panels for ease of maintenance and service.
- Ultra-energy efficient ECM fan motor with overload protection. Solid state EPIC fan volume controller.
- Motor blower assembly mounted on special 16 ga. (1.6) angles and isolated from casing with rubber isolators.
- Single point electrical connection.
- Discharge opening designed for flanged duct connection.
- Controls mounted as standard on RH side as shown. Fan Coil ordered with LH controls (optional) are inverted and discharge duct hanging location will change.
- 1" (25) throwaway fiberglass media filter.



ELECTRIC COIL SECTION:

- Hinged door with heater element module for easy access, removal and replacement of heater element without disturbing ductwork.
- Coil installed on unit discharge.
- Insulated coil element wrapper.
- Automatic reset high limit cut-outs (one per element).
- Flanged outlet duct connection.

Dimensional Data

| Unit Size | Nominal CFM (l/s) | W | E | Inlet IW x IH | Outlet Duct Size F x G | ED | EW | K | M | Filter Size |
|-----------|-------------------|----------|----------|----------------------------|------------------------|----------------------|--------------|--------------|--------------|---------------------|
| 5 | 500 (236) | 23 (584) | 23 (584) | 17 1/4 x 8 3/4 (438 x 222) | 12 1/2 x 9 (318 x 229) | 8 (203) | 18 3/4 (476) | 18 3/4 (476) | 6 1/8 (156) | 10 x 20 (254 x 508) |
| 8 | 800 (378) | 37 (950) | 37 (940) | 31 1/4 x 8 3/4 (794 x 222) | 12 1/2 x 9 (318 x 229) | 8 - 14** (203 - 356) | 18 3/4 (476) | 18 3/4 (476) | 12 1/4 (311) | 10 x 35 (254 x 889) |

** Dependent on Voltage/kW (contact factory).

Electrical Data

| Unit Size | Motor HP | EPIC ECM Motor FLA | | | |
|-----------|----------|--------------------|------|------|------|
| | | 120V | 208V | 240V | 277V |
| 5 | * | 1.9 | 1.3 | 1.2 | 1.2 |
| 8 | * | 3.8 | 2.6 | 2.5 | 2.6 |

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



ELECTRIC COIL OPTIONS:

- Door interlock disconnect switch.
- SCR Controls
- Power circuit fusing.
- Class 'A' 80/20 Ni./Cr. Wire.
- Dust tight construction.
- Manual reset secondary thermal cut-out.

Voltage:

- Single Phase, 60 Hz.:
- 120V 208V
 - 240V 277V
- Three phase, 60 Hz.:
- 208V 480V (4 wire wye)

SCHEDULE TYPE:

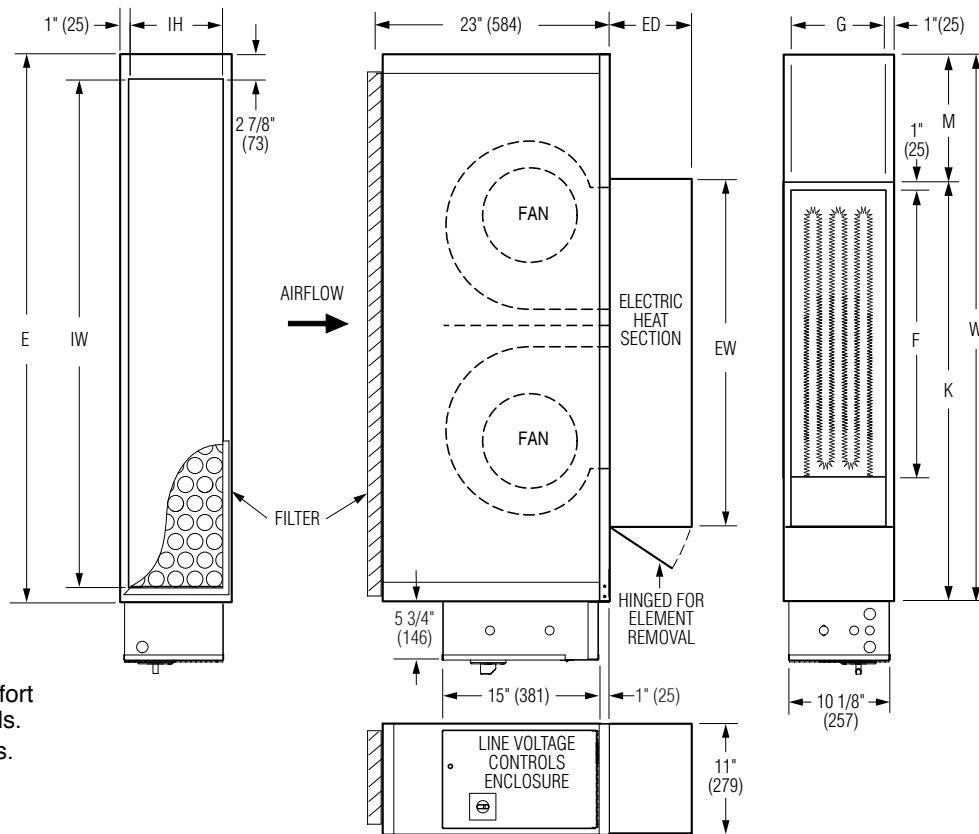
PROJECT:

ENGINEER:

CONTRACTOR:

Page 1 of 2.
Dimensions are in inches (mm).

| DATE | B SERIES | SUPERSEDES | DRAWING NO.2 |
|-------------|----------|------------|--------------|
| 7 - 18 - 22 | 37FH | 4 - 4 - 22 | 37FH-3 |



CONTROLS:

- Engineered Comfort
 - Analog Controls.
 - Digital Controls.
- By others.

OPTIONS AND ACCESSORIES:

- 2" (51) pleated disposable filter.
 - MERV 8
 - MERV 13
- Fiber-free liner.
- Perforated metal liner.
- Steri-liner.
- Steri-liner w/perf.
- Solid metal liner.
- Hanger brackets.
- LH controls location/configuration.
- Toggle disconnect switch.
- Ducted return filter rack connection (see separate submittal 35FH/37FH-FFR).
- FN3 Remote line voltage enclosure (see submittal FN3).

Seismic Certification:

- SSI (Standard)
- OSHPD
- Special Features:

Dimensional Data

| Unit Size | Nominal CFM (l/s) | W | E | IW x IH | Outlet Duct Size F x G | ED | EW | K | M | Filter Size |
|-----------|-------------------|-----------|-----------|-----------------------------|------------------------|----------------------|--------------|---------------|--------------|----------------------|
| 12 | 1200 (566) | 54 (1372) | 54 (1370) | 48 1/4 x 8 3/4 (1226 x 222) | 28 x 9 (711 x 229) | 8 - 14** (203 - 356) | 34 3/8 (873) | 41 3/8 (1051) | 12 5/8 (321) | 10 x 52 (254 x 1321) |

** Dependent on Voltage/kW (contact factory).

Electrical Data

| Unit Size | Motor HP | EPIC ECM Motor FLA | | | |
|-----------|----------|--------------------|------|------|------|
| | | 120V | 208V | 240V | 277V |
| 12 | * | 6.2 | 4.1 | 3.9 | 3.8 |

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



Intertek



SCHEDULE TYPE:

PROJECT:

ENGINEER:

CONTRACTOR:

Page 2 of 2.
Dimensions are in inches (mm).

| DATE | B SERIES | SUPERSEDES | DRAWING NO. |
|-------------|----------|------------|-------------|
| 7 - 18 - 22 | 37FH | 4 - 4 - 22 | 37FH-3 |