



MODELS:

- 35FE** Electric heat
- 35FZE** Chilled water and electric heat.

See drawing 35F-1 for basic unit construction, features and water coil information.

STANDARD FEATURES:

- Unique hinged heater design permits 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).
- Single point electrical connection for entire unit.
- Airflow safety switch.
- Flanged outlet duct connection.
- ETL listed as an assembly.
- Controls mounted as standard on RH side as shown. Terminals ordered with LH controls (optional) are inverted and discharge duct hanging location will therefore change.

Dimensional Data. Imperial Units (inches)

Unit Size	W	H	L	Inlet IW x IH	Outlet Duct Size F x G	K	P	M	Filter Size
3	18	18	36	14 x 14	10 1/4 x 10 1/2	15 1/2	23 3/4	2 1/2	16 x 18
5	26	18	41	22 x 14	14 1/4 x 11 3/4	22	31 3/4	4	24 x 15 1/2

Dimensional Data. Metric Units (mm)

Unit Size	W	H	L	Inlet IW x IH	Outlet Duct Size F x G	K	P	M	Filter Size
3	457	457	914	356 x 356	260 x 267	394	602	64	406 x 457
5	660	457	1041	559 x 356	362 x 298	559	806	102	610 x 394

Electrical Data

Unit Size	Motor H.P.	ECM Motor			
		Voltage	120/1/60	208/240/1/60	277/1/60
3	1/2	Watts	532	500	433
		FLA	7	3.6	3.1
5	3/4	Watts	820	796	690
		FLA	10	5.9	5.1

FLA = Full load amperage
All ECM motors are single phase, 50/60 Hz.

OPTIONS:

- Toggle disconnect switch (includes fan).
- Door interlock disconnect switch.
- SCR Controls
- Mercury contactors.

Voltage:

- Single Phase, 60 Hz.:
- 120V 208V
 - 240V 227V
- Three phase, 60 Hz.:
- 208V 480V (4 wire wye)
 - 600V (Dual point connection)

- Power circuit fusing.
- Class 'A' 80/20 Ni./Cr. Wire.
- Dust tight construction.
- Left hand configuration.
- Manual reset secondary thermal cut-outs.

SCHEDULE TYPE:

PROJECT:

ENGINEER:

CONTRACTOR:

Dimensions are in inches (mm).

DATE	B SERIES	SUPERSEDES	DRAWING NO.
10 - 23 - 08	35F	6 - 16 - 08	35FE-1