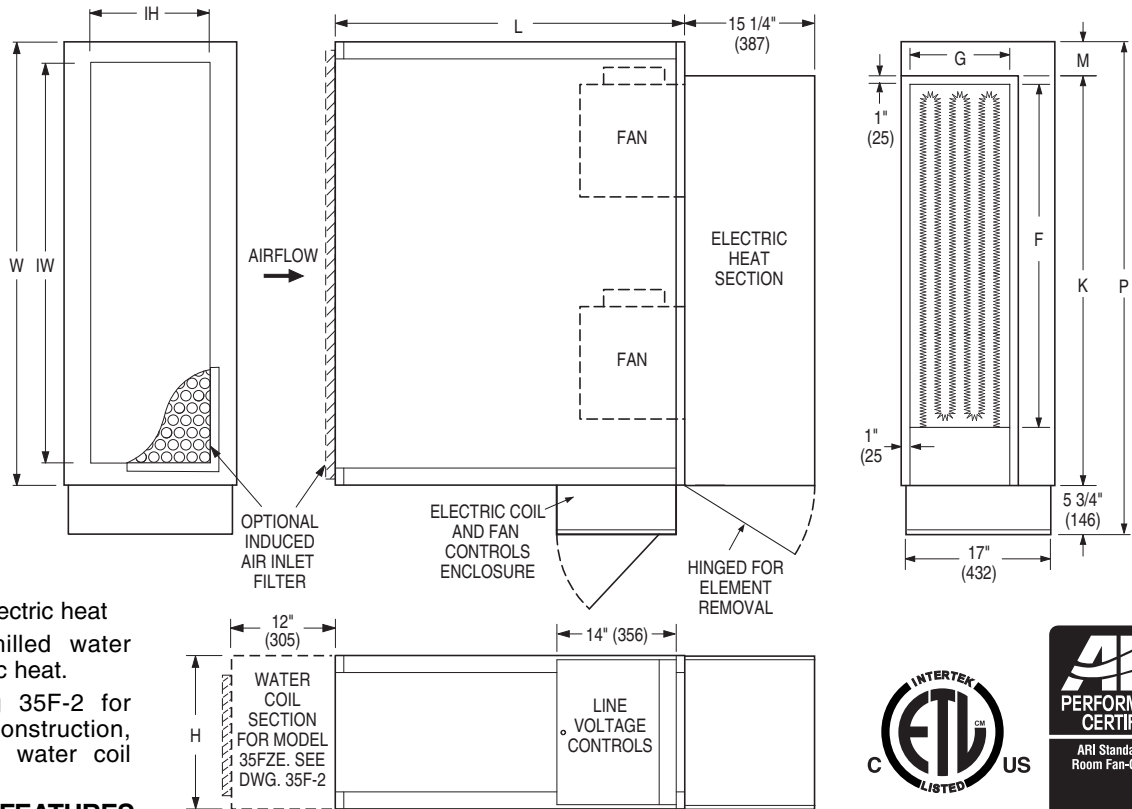


HIGH CAPACITY HORIZONTAL FAN COIL UNIT WITH ELECTRIC HEAT

ELECTRIC COIL SECTION

MODELS: 35FE & 35FZE • UNIT SIZE 7



MODELS:

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

See drawing 35F-2 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.

Voltage:

Single Phase, 60 Hz.:

- 120V 208V 240V 227V

Three phase, 60 Hz.:

- 208V 480V (4 wire wye)
- 600V (Dual point connection)

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
7	52	18	41	48 x 14	40 1/4 x 11 3/4	48	57 3/4	4	50 x 16

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
7	1321	457	1041	1219 x 356	1022 x 298	1219	1467	102	1270 x 406

Electrical Data

Unit Size	Motor H.P.	ECM Motor			
		Voltage	120/1/60	208/240/1/60	277/1/60
7	2@3/4	Watts	1585	1477	1280
		FLA	15.7	10.7	9.2

All ECM motors are single phase, 50/60 Hz.

FLA = Full load amperage

OPTIONS:

- Toggle disconnect switch (includes fan).
- Door interlock disconnect switch.
- SCR Controls
- Mercury contactors.
- 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.
6 - 16 - 08	35F	1 - 18 - 06	35FE-2