

LOW PROFILE HORIZONTAL FAN COIL UNITS WITH ELECTRIC HEAT

ELECTRIC COIL SECTION

MODELS: 37FE AND 37FZE • UNIT SIZES 1 & 3

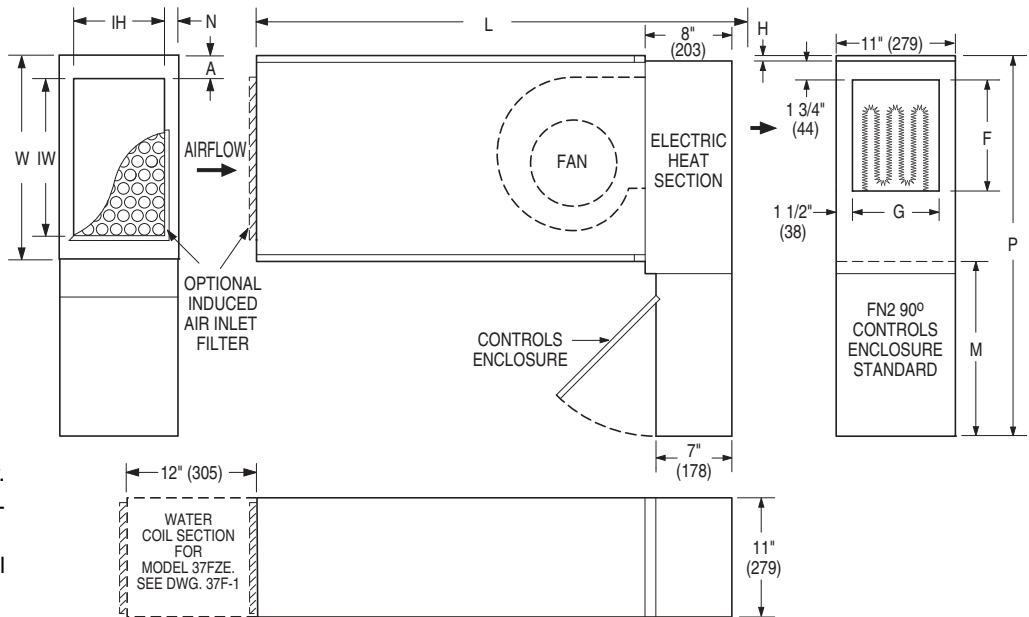
MODELS:

- 37FE** Electric heat only.
- 37FZE** Chilled water and electric heat.

See drawing 37F-1 for basic unit construction, features and water coil information.

STANDARD FEATURES:

- Controls enclosure incorporates a hinged access door opening upstream that helps ensure NEC clearance requirements and reduces foot print (FN2 90° design is standard).
- 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	L	A	N	P	M	H	Inlet IW x IH	Outlet Duct Size F x G	Filter Size
1	19	36	2 1/8	1 1/4	35 1/8	16 1/8	1/2	14 3/4 x 8 1/2	10 1/4 x 6 7/8	18 x 10
3	26 1/2	40 1/4	2	1 1/2	43 1/2	17	3 1/2	22 1/4 x 8	12 1/4 x 8	26 x 10

Dimensional Data. Metric Units (mm)

Unit Size	W	L	A	N	P	M	H	Inlet IW x IH	Outlet Duct Size F x G	Filter Size
1	483	914	54	32	892	410	12	375 x 216	260 x 203	457 x 254
3	673	1022	51	38	1105	432	89	565 x 203	311 x 203	660 x 254

Voltage:

Single Phase, 60 Hz.:

- 120V 208V 240V 227V

Three phase, 60 Hz.:

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

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.

Electrical Data

Unit Size	Motor H.P.	ECM Motor			
		Voltage	120/1/60	208/240/1/60	277/1/60
1	1/3	Watts	142	150	200
		FLA	1.9	1.0	1.0
3	1/3	Watts	410	450	450
		FLA	5.2	3.1	3.1

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

FLA = Full load amperage



SCHEDULE TYPE:

PROJECT:

ENGINEER:

CONTRACTOR:

Dimensions are in inches (mm).

DATE	B SERIES	SUPERSEDES	DRAWING NO.
6 - 16 - 08	37F	8 - 16 - 06	37FE-1