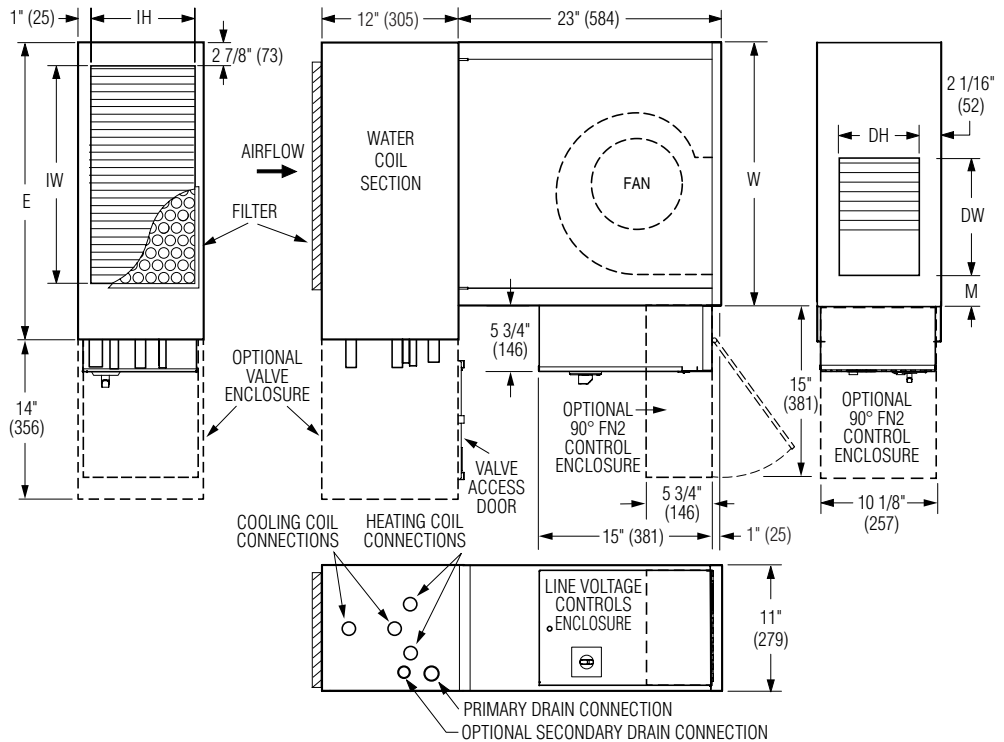


MODELS:

- 37FHZ**
Chilled/Hot water (2-pipe).
- 37FHZW**
Chilled & hot water (4-pipe).

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.



Dimensional Data

Unit Size	Nominal CFM (l/s)	W	E	Inlet IW x IH	Outlet Discharge DW x DH	M	Filter Size
5	500 (236)	23 (584)	26 (660)	19 x 8 3/4 (483 x 222)	10 1/4 x 6 3/4 (260 x 171)	2 3/4 (70)	20 x 10 (508 x 254)
8	800 (378)	37 (940)	40 (1016)	33 x 8 3/4 (838 x 222)	11 1/4 x 6 3/4 (286 x 171)	10 5/8 (270)	35 x 10 (889 x 254)

WATER COIL SECTION:

- Installed on inlet as a draw through design.
- Coil (and header on multi-circuit units) is installed in insulated (fiber-free/foam) casing for increased thermal efficiency.
- 1/2" (13) copper tubes with aluminum ripple fins.
- Cooling coils include an insulated, galvanize steel drain pan with 3/4" (19) male NPT primary drain connection.
- Top and bottom access panels for inspection and coil cleaning.
- Right hand coil connection shown (looking in direction of airflow) is standard. Left hand is optional.

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.

Coil O.D. Sweat Connections

Unit Size	Number of Rows				
	1 & 2	3	4	5	6
5	5/8 (16)	7/8 (22)	7/8 (22)	7/8 (22)	7/8 (22)
8	5/8 (16)	7/8 (22)	7/8 (22)	7/8 (22)	7/8 (22)

Coil Options:

- 2 Pipe system:
- 3 Row C/HW.
 - 4 Row C/HW.
 - 5 Row C/HW.
 - 6 Row C/HW.
- 4 Pipe system:
- 3/1 CW/HW Rows.
 - 3/2 CW/HW Rows.
 - 4/1 CW/HW Rows.
 - 4/2 CW/HW Rows.
 - 5/1 CW/HW Rows.

- Heating Coil Position (4-pipe split coils):
- Reheat (Standard and illustrated).
 - Preheat (optional).



Intertek



SCHEDULE TYPE:

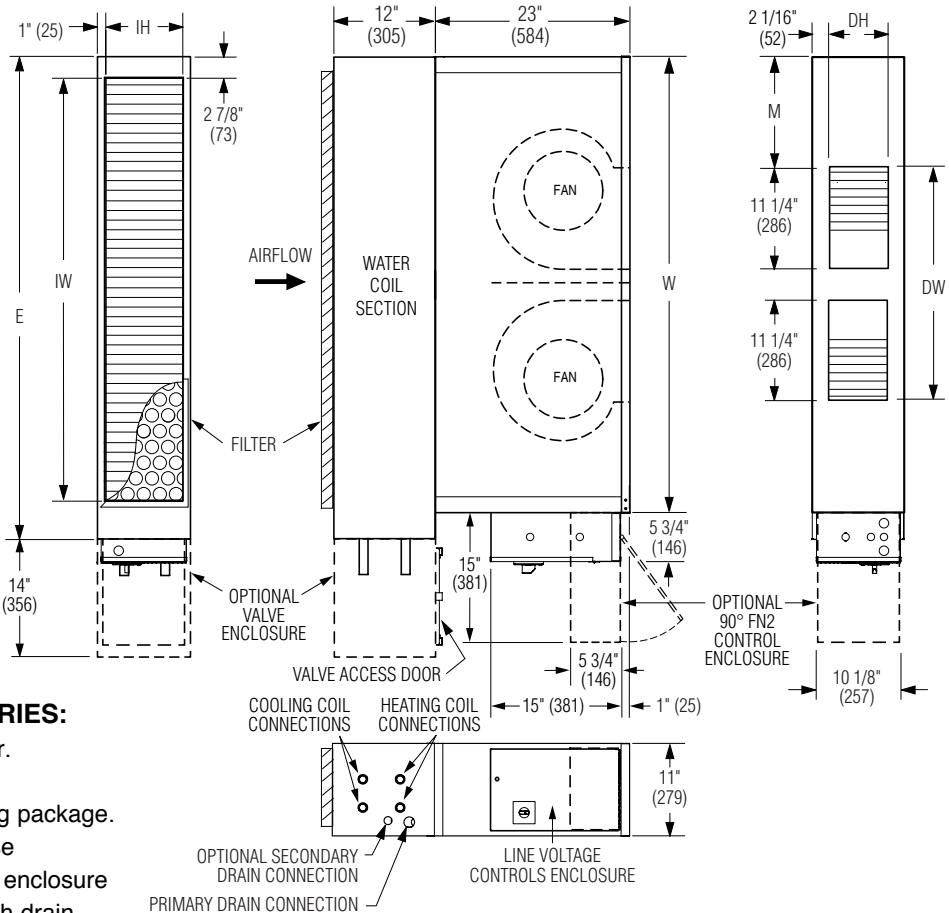
PROJECT:

ENGINEER:

CONTRACTOR:

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

DATE	B SERIES	SUPERSEDES	DRAWING NO.
11 - 30 - 20	37FH	2 - 10 - 16	37FH-1



CONTROLS:

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

OPTIONS AND ACCESSORIES:

- 2" (51) pleated disposable filter.
 - MERV 8 MERV 13
- Factory assembled valve piping package.
 - components shipped loose
 - mounted in full protective enclosure
- Stainless steel drain pan with drain connection.
- Secondary overflow drain connection, 1/2" (13) male NPT.
- Fiber-free liner.
- Perforated metal liner.
- Steri-liner.
- Steri-liner w/perf.
- Solid metal liner.
- Hanger brackets.
- LH controls location/configuration.
- Safety overflow float switch.
- Toggle disconnect switch.
- Ultraviolet light package.
- Ducted return filter rack connection (see separate submittal 35FH/37FH-FFR).
- Outside Air Inlet (OAI) (see separate submittal 37FH-OAI).
- FN2 90° line voltage enclosure.
- FN3 Remote line voltage enclosure (see FN3 submittal).

Dimensional Data

Unit Size	Nominal CFM (l/s)	W	E	IW x IH	Outlet Discharge DW x DH	M	Filter Size
12	1200 (566)	54 (1372)	57 (1448)	50 x 8 3/4 (1270 x 222)	26 3/4 x 6 3/4 (679 x 171)	13 5/8 (346)	52 x 10 (1321 x 254)

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.

Coil O.D. Sweat Connections

Unit Size	Number of Rows				
	1 & 2	3	4	5	6
12	5/8 (16)	7/8 (22)	7/8 (22)	7/8 (22)	7/8 (22)



SCHEDULE TYPE:

PROJECT:

ENGINEER:

CONTRACTOR:

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

DATE	B SERIES	SUPERSEDES	DRAWING NO.
11 - 30 - 20	37FH	2 - 10 - 16	37FH-1