



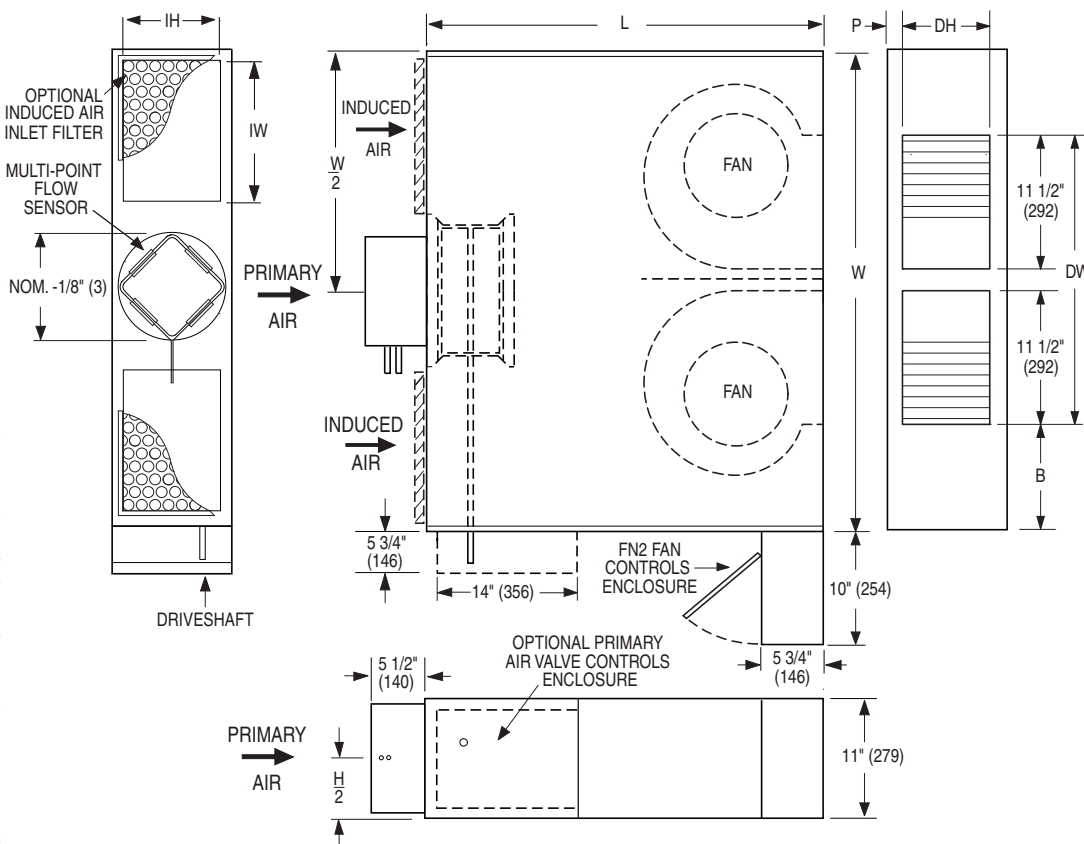
LOW PROFILE FAN POWERED TERMINAL UNIT
SERIES FLOW • CONSTANT VOLUME
MODEL: 37S, 37SW AND 37SE • UNIT SIZE 4
WITH 90° LINE VOLTAGE ENCLOSURE (FN2 OPTION)

DESCRIPTION:

- Only 11" (279) high.
- 20 ga. (1.0) galvanized steel construction.
- 16 ga. (1.6) galvanized steel inclined blade damper. 45° rotation. CW to close.
- Multi-point averaging Diamond Flow sensor.
- Access panels top and bottom.
- Energy efficient PSC fan motor with overload protection. Solid state fan speed controller with minimum voltage stop.
- 1/2" (13) dual density insulation, exposed edges coated to prevent air erosion. Meets requirements of NFPA 90A and UL 181.
- Single point electrical and/or pneumatic main air connection.
- Discharge opening for flanged duct connection.
- Full primary air valve low voltage enclosure for factory mounted DDC and analog electronic controls.
- FN2 line voltage enclosure incorporates a hinged access door opening upstream that helps ensure NEC clearance requirements and reduces footprint.
- Controls mounted as standard on RH side as shown. Terminals ordered with LH controls (optional) are inverted.

OTHER OPTIONS:

- Filter frame and 1" (25) disposable filter.
- Toggle disconnect switch.
- Steri-liner.
- Fiber-free liner.
- Solid metal liner.
- Perforated metal liner.
- Fan unit fusing.
- Hanger brackets.
- Left-hand controls location.
- Special features _____.



Dimensional Data. Imperial Units (inches)

Unit Size	Inlet Size	W	L	B	P	Induced Air Inlet IW x IH	Outlet Discharge DW x DH	Filter Size
4	10 Rnd. 14 x 10 Rect.	44	36 1/2	9 5/8	2	12 x 9 (2)	25 x 7	14 x 10 (2)

Dimensional Data. Metric Units (mm)

Unit Size	Inlet Size	W	L	B	P	Induced Air Inlet IW x IH	Outlet Discharge DW x DH	Filter Size
4	254 Rnd. 356 x 254 Rect.	1118	927	244	51	305 x 229 (2)	635 x 178	356 x 254 (2)

Electrical Data

Unit Size	Motor H.P.	PSC Motor FLA		
		120/1/60	208/1/60	277/1/60
4	2@1/4	11.6	7.2	3.7

FLA = Full load amperage



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For heat options; see page 2.
 Dimensions are in inches (mm).

SCHEDULE TYPE				
PROJECT				
ENGINEER		DATE	B SERIES	SUPERSEDES
CONTRACTOR		5 - 27 - 09	3700	9 - 9 - 08
				DRAWING NO.
				37S-6A



LOW PROFILE FAN POWERED TERMINAL UNIT
SERIES FLOW • CONSTANT VOLUME
HEAT ACCESSORIES
MODELS: 37SW AND 37SE • UNIT SIZE 4
WITH 90° LINE VOLTAGE ENCLOSURE (FN2 OPTION)

Hot Water Coil Section Model 37SW

Standard Features:

- Coil section installed on unit discharge.
- Coil (and header on multi-circuit units) is installed in insulated casing for increased thermal efficiency.
- 1/2" (13) copper tubes.
- Aluminum ripple fins.
- Sweat connections: One row 1/2" (13) O.D. male solder. Two and three row 7/8" (22) O. D. male solder.
- Top and bottom access panels for inspection and coil cleaning.
- Flanged outlet duct connection.

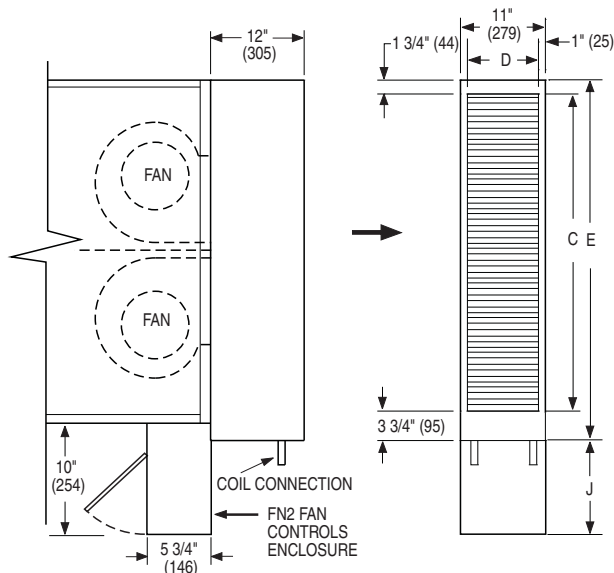
Coil Rows:

- 1-Row 2-Row 3-Row

Coil Hand Connections:

(Looking in direction of airflow).

- Right hand (illustrated). Standard.
 Left hand. Optional.



Unit Size	Imperial Units (inches)			Metric Units (mm)		
	Outlet Duct Size C x D	E	J	Outlet Duct Size C x D	E	J
4	40 3/4 x 9	46 1/4	7 3/4	1035 x 229	1175	197

Electric Coil Section Model 37SE

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 terminal unit.
- Positive pressure airflow switch.
- Flanged outlet duct connection.
- Terminal unit with coil is ETL Listed as an assembly.
- Controls mounted as standard on RH side as shown. Terminals ordered with LH controls (optional) are inverted.

Voltage:

Single phase, 60 Hz.

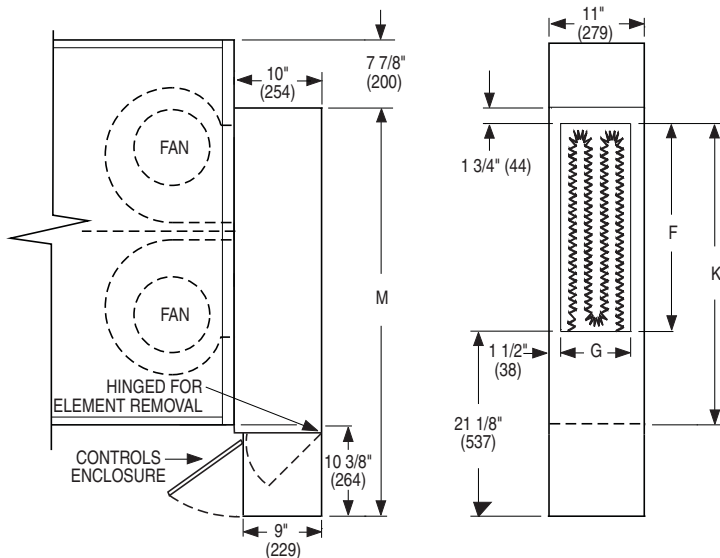
- 208V 240V 277V

Three phase, 60 Hz.

- 208V 480V (4 wire wye). _____

Options:

- Toggle disconnect switch (includes fan).
- Door interlock disconnect switch.
- Mercury contactors.
- Power circuit fusing.
- Class 'A' 80/20 Ni./Ch. wire.
- Dust tight construction.
- Manual reset secondary thermal cut out.



Unit Size	Imperial Units (inches)			Metric Units (mm)		
	Outlet Duct Size F x G	M	K	Outlet Duct Size F x G	M	K
4	23 5/8 x 8	46 1/2	34 3/8	600 x 203	1181	873

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