



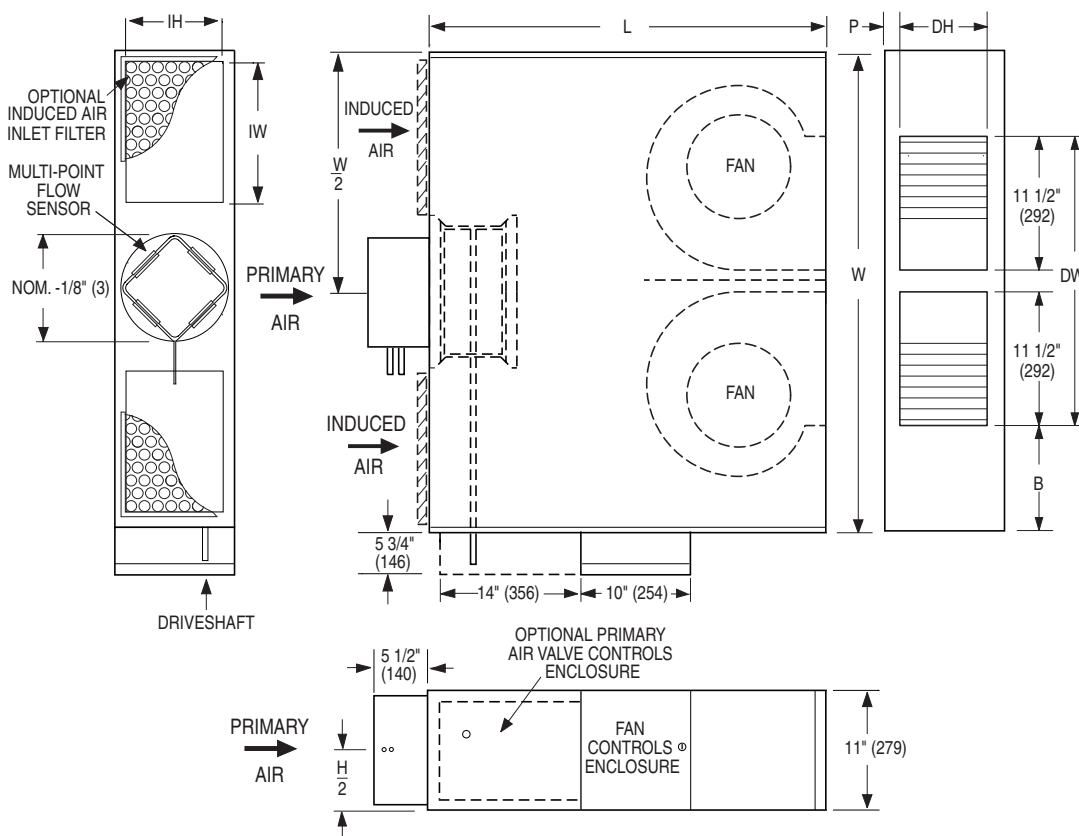
LOW PROFILE FAN POWERED TERMINAL UNIT
SERIES FLOW • CONSTANT VOLUME
MODELS: 37S, 37SW AND 37SE • UNIT SIZE 4

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.
- Controls mounted as standard on RH side as shown. Terminals ordered with LH controls (optional) are inverted.

OTHER OPTIONS:

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



SCHEDULE TYPE					
PROJECT					
ENGINEER	DATE	B SERIES	SUPERSEDES	DRAWING NO.	
CONTRACTOR	5 - 27 - 09	3700	9 - 9 - 08	37S-2A	



LOW PROFILE FAN POWERED TERMINAL UNIT
SERIES FLOW • CONSTANT VOLUME
HEAT ACCESSORIES
MODELS: 37SW AND 37SE • UNIT SIZE 4

☐ **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.

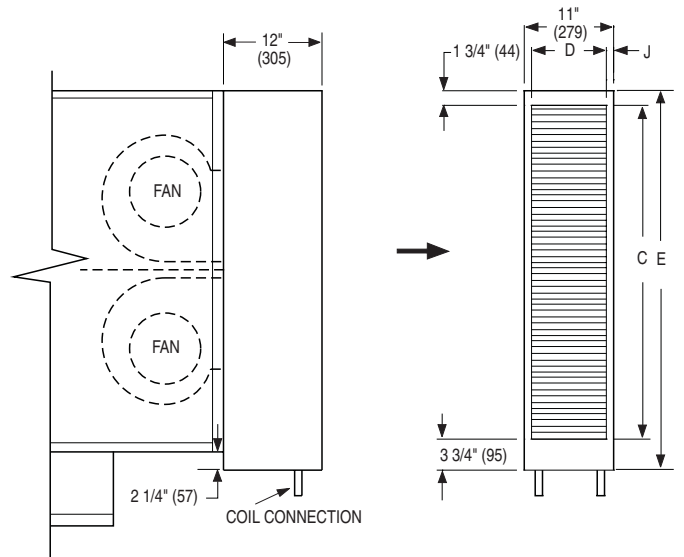
Coil Rows:

☐ 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	1	1035 x 229	1175	25

☐ **Electric Coil Section Model 37SE**

Standard Features:

- Controls enclosure incorporates a hinged access door opening upstream that helps ensure NEC clearance requirements and reduces footprint. (FN2 90° design is standard).
- 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.

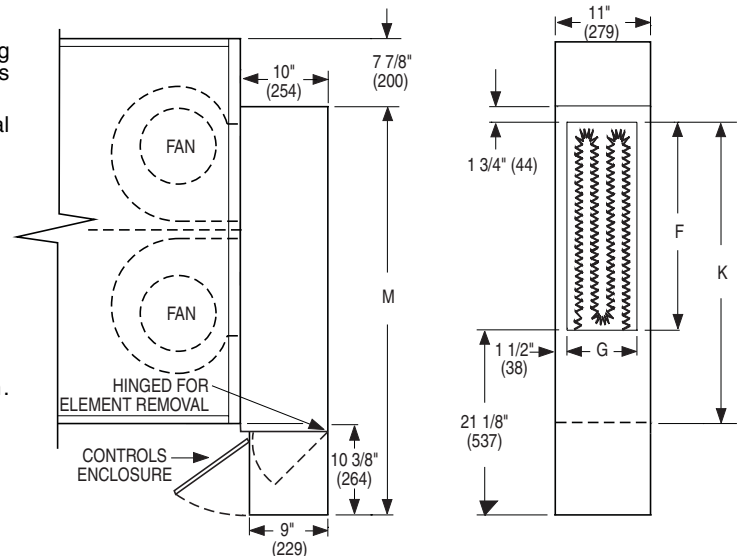
☐ 208V ☐ 240V ☐ 277V

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

SCHEDULE TYPE

PROJECT

ENGINEER

CONTRACTOR

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

DATE

B SERIES

SUPERSEDES

DRAWING NO.

5 - 27 - 09

3700

9 - 9 - 08

37S-2A