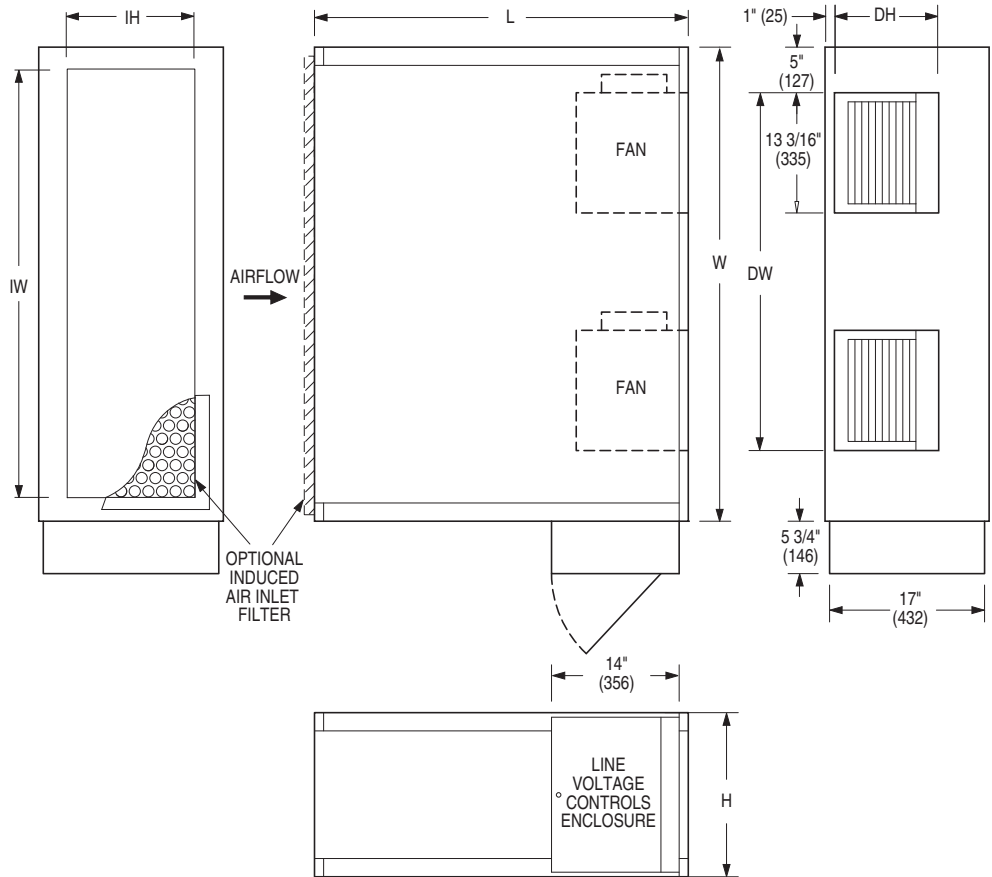


HIGH CAPACITY HORIZONTAL FAN BOOSTER UNIT • ECM MOTOR MODEL: 35F • UNIT SIZE 7

STANDARD FEATURES:

- 16 ga. (1.6) Galvanized steel channel Frame with 20 ga. (1.0) casing components.
- 3/4" (19) 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 maintainance 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.
- Extended insulated plenum casing reduces radiated sound levels.
- Controls mounted as standard on RH side as shown. Terminals ordered with left hand controls (optional) are inverted and discharge duct hanging location will therefore change.



OPTIONS:

- Nailor Direct Digital Controller (BACnet compliant).
- Nailor Analog Electronic Controls.
- 1" (25) throwaway fiberglass media filter.
- 1" (25) MERV 7 pleated disposable filter.
- Toggle disconnect switch.
- Fiber-free liner.
- Perforated metal liner.
- Steri-liner.
- Solid metal liner.
- Hanger brackets.
- Left-hand controls location / configuration.

Dimensional Data. Imperial Units (inches)

Unit Size	W	H	L	Inlet IW x IH	Outlet Discharge DW x DH	Filter Size
7	52	18	41	48 x 14	39 1/4 x 11 1/2	50 x 16

Dimensional Data. Metric Units (mm)

Unit Size	W	H	L	Inlet IW x IH	Outlet Discharge DW x DH	Filter Size
7	1321	457	1041	1219 x 356	997 x 292	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

FLA = Full load amperage



SCHEDULE TYPE:

PROJECT:

ENGINEER:

CONTRACTOR:

Dimensions are in inches (mm).

DATE

B SERIES

SUPERSEDES

DRAWING NO.

12 - 9 - 08

35F

6 - 16 - 08

35FB-2