

**Fan Powered Variable Air Volume**
**B-60 Series**

**Model:** VAV-GB- 62x - Series Flow  
**Construction:** Galvanized Steel (GI)  
**Application:** Light & Medium Duty

**Fan Powered VAV Model VAV-GB-62** recirculation fan draws cold air from the primary air duct and warm air from the return plenum in varying amounts, to satisfy zone temperature requirements. Warm air and cold air blend in the unit fan before entering the discharge plenum.

Fan-powered series units have fans which are always energized in occupied mode. They are common in premium VAV systems and in applications such as conference rooms, cafeterias, etc. looking for constant high airflow rates.

**Standard construction**
**Casing**

0.9 mm thick galvanized sheet steel.

**Insulation**

25 mm thick 32 kg/m<sup>3</sup> density Acoustic liner.

**Blade**

0.9 mm thick galvanized sheet steel.

**Flow grid**

Flow grid multi point with 12 inlet holes in four concentric circles.

**Axle Shaft :**

12 mm diameter axle shaft made of galvanized steel.

**Bearings :**

12 mm diameter Brass bearings.

**Gasket**

Neoprene Gasket.

**Controls :**

Modulating



VAV-GB-62

**Technical Features:**

- Fan on all the time
- Sized to handle cooling
- Lower supply pressure
- Constant sound and air flow
- Metal encapsulated edges limit fiberglass insulation erosion into the airstream.
- Single-point power connection reduces installed cost. Fan is in line with primary airstream and runs continuously to provide a constant airflow into the conditioned zone for excellent air motion and comfort.
- Wide range of fan airflows available from single speed motor with speed control.

**Optional Construction**
**Controls**

Backnet DDC with suitable thermostat.

**Duct Heater**

Slip-in type electric duct heater (230V AC 1 Phase or 400V AC 3 Phase)

**Double skin**

Insulated internal walls surface with Galvanized perforated sheet used for low noise applications to minimise breakout noise.

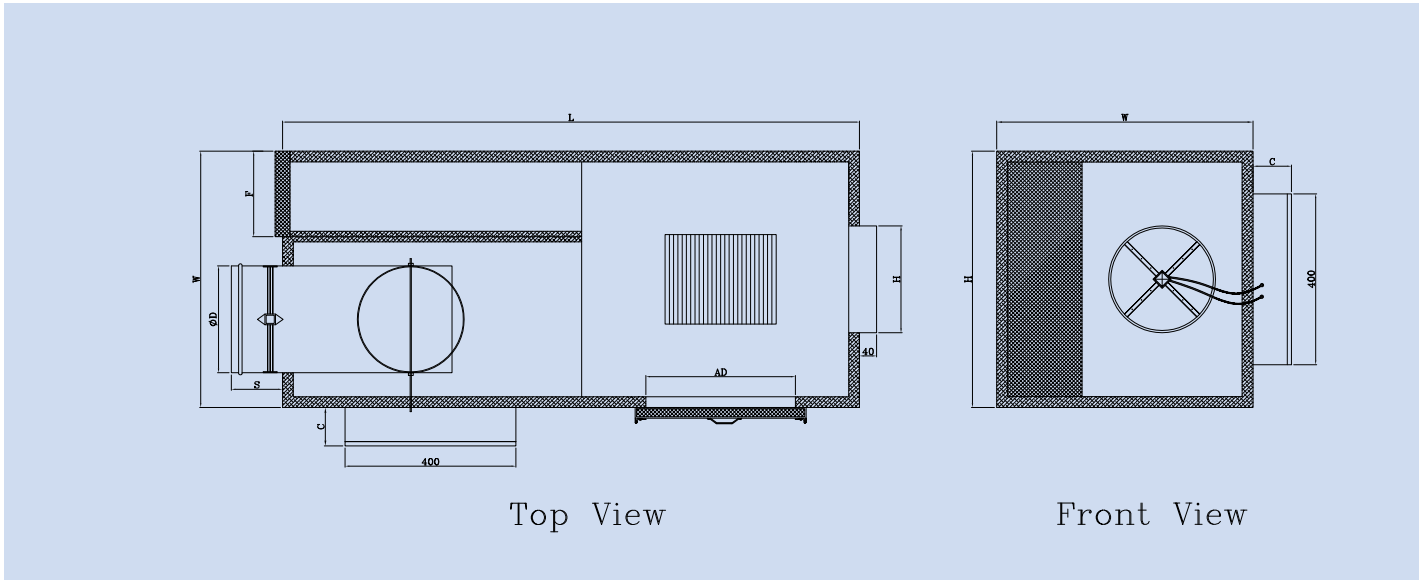
**Neck connections**

Round inlet with round outlet and square inlet with square outlet.

**Access Door**

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**Model: VAV-GB-62 - Construction Details And Dimensions**


Dimensional data for Fan powered VAV-GB-62												
Model (X)	Fan Air Flow Range (Cfm)	d Inlet (mm)	w (mm)	h (mm)	L (mm)	L+SA	Discharge			c (mm)	S (mm)	Fan Model (X)
							a	b	t			
A	250	150 $\emptyset$	500	350	700	1300	450	300	40	80	125	100 - L
B	400	150 $\emptyset$	500	350	700	1300	450	300	40	80	125	125 - L
C	550	200 $\emptyset$	500	450	700	1300	450	400	40	80	125	150 - L
D	700	200 $\emptyset$	500	450	700	1300	500	400	40	80	125	160 - L
E	900	250 $\emptyset$	500	450	700	1300	550	400	40	80	125	200 - L
F	1100	250 $\emptyset$	500	450	700	1300	600	400	40	80	125	250 - L
G	1400	300 $\emptyset$	550	525	750	1350	650	475	40	80	125	315 - L
H	1600	300 $\emptyset$	700	625	900	1500	700	575	40	80	125	355 - L
I	2100	350 $\emptyset$	700	700	900	1500	750	650	40	80	125	400 - L

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