

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

**Model: VAV-GB- 61x - Parallel Flow**  
**Construction: Galvanized Steel (GI)**  
**Application: Light & Medium Duty**

**Fan Powered VAV Model VAV-GB-61** is parallel fan powered terminal unit features intermittent parallel fan operation. Fan Powered VAV B-61 is "designed to-maintain optimum occupant comfort levels by supplying warm induced plenum air, cold primary air (VAV) or a mixture of both to condition the space.

Fan-powered parallel units offer energy savings due to intermittent fan control. The fan energizes only in heating mode when the space needs heat. Additional energy savings are obtained by using warm plenum air for free reheat. Motor heat is never wasted in parallel units. They are an excellent choice when minimal zone heating is needed.

**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 / On-Off.

**Optional Construction**
**Controls**

Backnet DDC with suitable thermostat.

**Duct Heater**

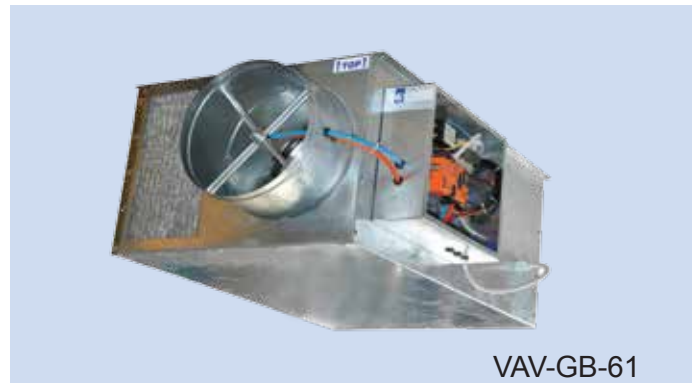
Slip-in type electric duct heater (230V AC 1 Phase or 400V AC 3 Phase)

**Double skin**

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

**Neck connections**

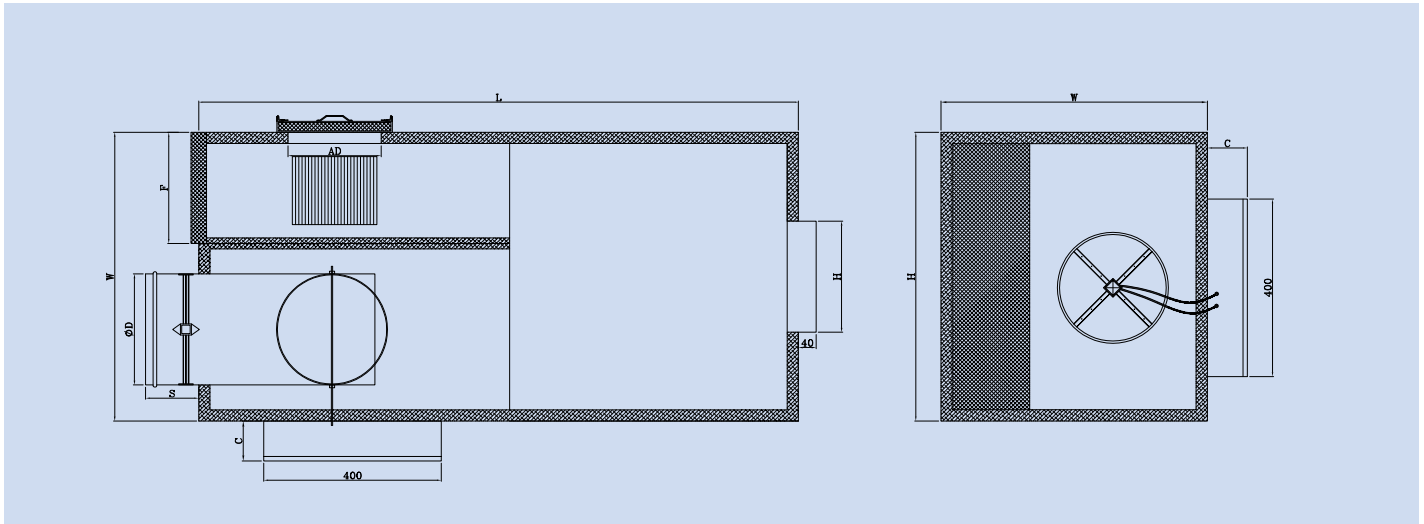
Round inlet with round outlet and square inlet with square outlet.

**Access Door**

**VAV-GB-61**
**Technical Features:**

- Fan on during heating
- Sized to handle heat air flow
- Higher supply pressure
- Variable sound and air flow
- Metal encapsulated edges limit fiberglass insulation erosion into the airstream.
- Single-point power connection reduces installed cost. Fan is outside primary airstream and runs only when heating is required.
- Wide range of fan airflows available from single speed motor with speed control.

Selected Products of the company have been Classified / Listed / Tested by various international testing authorities.



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**Model:VAV-GB-61 - Construction Details And Dimensions**


Dimensional data for Fan power VAV-GB-61												
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 Ø	600	350	700	1300	450	300	40	80	125	100 - L
B	400	150 Ø	600	350	700	1300	450	300	40	80	125	125 - L
C	550	200 Ø	700	450	700	1300	450	400	40	80	125	150 - L
D	700	200 Ø	700	450	700	1300	500	400	40	80	125	160 - L
E	900	250 Ø	700	450	700	1300	550	400	40	80	125	200 - L
F	1100	250 Ø	700	450	700	1300	600	400	40	80	125	250 - L
G	1400	300 Ø	800	525	750	1350	650	475	40	80	125	315 - L
H	1600	300 Ø	1050	625	900	1500	700	575	40	80	125	355 - L
I	2100	350 Ø	1100	700	900	1500	750	650	40	80	125	400 - L

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