

SECTION D – FITTINGS & ACCESSORIES



Description

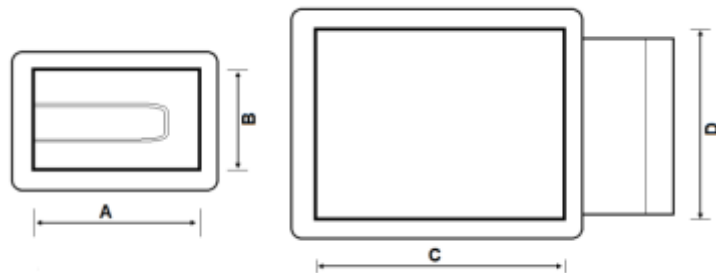
The ranges of VAV assemblies have common overall lengths and maximum heights. Flow is regulated through an inbuilt Bradflo VCD and velocity pressure is measured from a cross-section traverse pitot tube. Volume flow is determined using a calibrated flow constant where $L/s = C \cdot \sqrt{P}$.

The VCD blades are extruded aluminium with diecast aluminium levers. The heater casing is a tough 1.0mm Galvabond with 35mm square flange connections. Each module contains 30mm insulation.

Electric heater size options are available depending on the duty requirements.

A low flow switch prevents overheating and is backed up with a manual reset thermal cut-out, AS/NZS 3102 standard.

Selection Guide



Model	Air Flow Range (L/s)	Heater Range (kW)	Inlet Module (mm)		Heater Module (mm)	
			A	B	C	D
VAV1	60-250	0.75 - 1.5	150	150	285	285
VAV2	90-400	1.5 - 2.5	250	150	375	285
VAV3	170-750	2 - 4.5	450	150	575	285
VAV4	250-1200	3 - 6.5	500	200	890	285
VAV5	375-1600	4.5 - 10	600	250	1035	285

The maximum height is fixed at 355mm.
The total length is 1350mm.