

VRK circular

Flow variator suitable for use in systems with CAV

Product	VRK
Construction material	Steel
Finishing	Galvanized

VRK 233 - 1 is a circular mechanical flow variator for CAV systems. It keeps the flow value set with a $\pm 5\%$ tolerance without the use of electricity and regardless of the pressure of the duct and the flow variations. The variator is fitted with special blades that are hit by the air flow which then interact with an external spring with graduated

scale. The air flow rate is already set, if necessary it can be re-set on site by adjusting the spring.

The maximum pressure drop differential value for which the flow is kept constant is 1000 Pa, the minimum flow value needed to engage the variator depends on the rate and varies between 40 and 120 Pa.

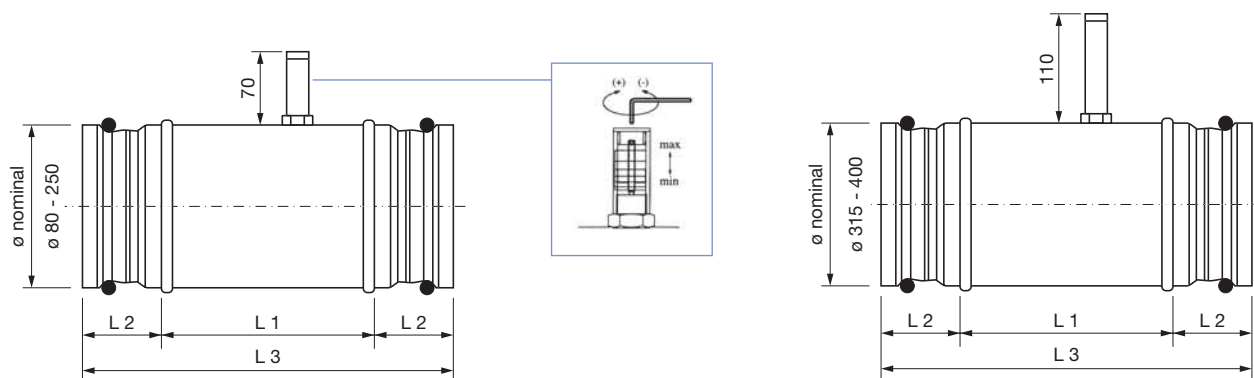
- VRK 233-1-I-25 double box with a 25 mm thick mineral fiber thermal and acoustic insulation layer.

- VRK 233-1-I-50 double box with a 50 mm thick mineral fiber thermal and acoustic insulation layer.

Size	Air flow rate (m ³ /h)	
Ø	min	max
80	40	125
100	70	220
125	100	280
140	140	400
160	180	500
200	250	900
250	500	1500
315	800	2400
400	1000	3800

On request we also supply the following model: steel with anti-rust varnishing or stainless steel, and versions with electric or pneumatic motor.

Size



Size	Sizes (mm)						
Ø	L ₁	L ₂	L ₃	A ₁	B ₁	A ₂	B ₂
80	120	40	200	155	105	225	100
100	170	40	250	155	105	225	100
125	170	40	250	155	105	225	100
140	170	40	250	155	105	225	100
160	240	40	320	155	105	225	100
200	240	40	320	155	105	225	100
250	240	40	320	155	105	225	100
315	220	60	340	155	105	300	150
400	295	60	415	230	160	300	150