

VRRK rectangular

Flow variator suitable for use in systems with CAV

Product	VRRK
Construction material	Steel
Finishing	Galvanized

VRRK 500 is a rectangular mechanical flow variator for CAV systems with circular connection. 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 80 and 120 Pa.

- VRRK 500-1-I-30 double box with a 30 mm thick mineral fiber thermal and acoustic insulation layer.

Size (mm) Air flow rate (m³/h)

B	H	P	min	max
150 x 150 x 385	243	570		
200 x 150 x 385	324	756		
300 x 150 x 385	486	1134		
300 x 200 x 385	648	1512		
400 x 200 x 385	864	2016		
500 x 200 x 385	1080	2520		
600 x 200 x 385	1296	3024		
400 x 250 x 385	1080	2520		
500 x 250 x 385	1350	3150		
600 x 250 x 385	1620	3780		
400 x 300 x 385	1296	3024		
500 x 300 x 385	1620	3780		
600 x 300 x 385	1944	4536		

Size (mm) Air flow rate (m³/h)

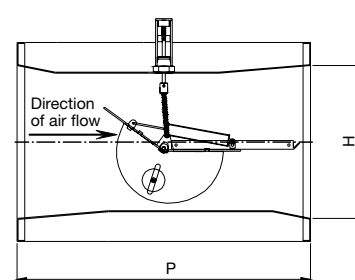
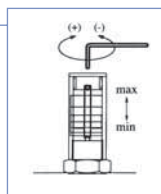
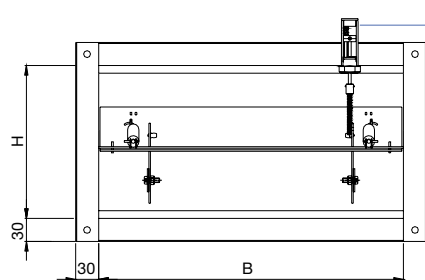
B	H	P	min	max
400 x 400 x 385	1728	4032		
500 x 400 x 385	2160	5040		
600 x 400 x 385	2592	6048		
500 x 500 x 425	2700	6300		
600 x 500 x 425	3240	7560		
600 x 600 x 470	3880	9072		

Double version

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

Size

VRRK 500



VRRK 500 double version

