



VRRM rectangular

Flow variator suitable for use in systems with VAV

Product	VRRM
Construction material	Steel
Finishing	Galvanized

The single-duct VRRM 400 units are flow variators suitable for use both at the inlet or outlet of the ducts, where, according to the systems (CAV or VAV), they keep the flow rate set by the electronic variator in that moment constant.

The unit includes a speed detector that sends a signal to the variator which then processes it and changes it in flow rate and

compares it with the set value by enabling the control damper. A controller is integrated with the motor, model NMV-D2 Belimo. On request it is possible to use models of other brands. The operating mode and the flow rates can be re-set on site, but must remain within the operating "range" of each single rate, by using the ZEV unit (not included).

The maximum pressure drop differential value is 1000 Pa, the minimum flow value needed to engage the variator depends on the rate and varies between 60 and 120 Pa.

- VRRM 400-1-I-30 double box with a 30 mm thick mineral fiber thermal and acoustic insulation layer.

Size (mm)		Air flow rate (m ³ /h)		Static pressure difference max
B	H	min	max	Pa
200	x 100	144	540	1000
200	x 200	288	1440	1000
400	x 100	288	1080	1000
400	x 200	576	2880	1000
400	x 300	864	4320	1000
400	x 400	1152	5760	1000
600	x 100	432	1620	1000
600	x 200	864	4320	1000
600	x 300	1296	6480	1000
600	x 400	1728	8640	1000
800	x 100	576	2880	1000
800	x 200	1152	5760	1000
800	x 300	1728	8640	1000
800	x 400	2304	11520	1000
1000	x 200	1440	7200	1000
1000	x 400	2880	14400	1000
1200	x 200	1728	8640	1000
1200	x 400	3456	12960	1000

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

VRRME 410 - 1 with Belimo NMV - D2M

VRRME 407 - 1 with Siemens GDB 181 - 1E/3 o GLB 181 - 1E/3

VRRME 4... - 2 with tight seal according DIN 1946 part 4

Size

