

# ERVC Circular variable air flow regulators with servomotor LMV-D3MP



## Description

These regulators are used to control and maintain the amount of air in VAV systems.

## Notes

For correct pressure readings and for a flow rate tolerance of 5%, a straight duct with a length equal to 2/3 times the regulator diameter must be provided upstream. Otherwise, the air flow rate may vary between 10% and 20% from the calibrated value.

## Characteristics

- Galvanised steel sheet casing;
- Dynamic  $\Delta p$  probe to measure and maintain the air flow rate according to the room demand;
- Galvanised steel damper with sealing gaskets;
- Operating range between 20 and 1500 Pa;
- Flow rate adjustment and control by means of a linearised motor controller;
- Self-generated and radiated noise tests according to the EN ISO 3741 Standard;
- Damper tightness test performed according to the EN 1751 Standard.
- VAV-COMPACT, AC/DC 24 V, MP-Bus, IP54 LMV-D3-M (5Nm) (Standard)

## On request

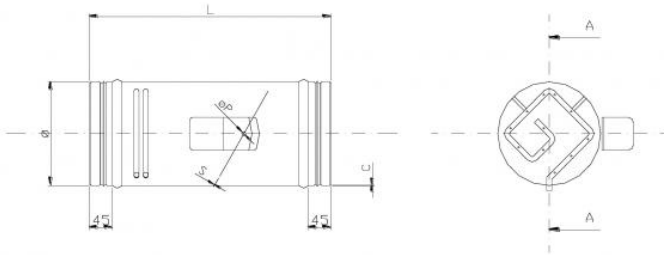
- VAV-Compact, AC/DC 24 V, Bacnet MS/TP, Modbus RTU, MP-Bus, IP54 LMV-D3-MOD (5Nm)
- VAV-Compact, AC/DC 24 V, KNX (S-Mode), IP54 LMV-D3-KNX (5Nm)

## Models

- ERVC single casing.
- ERVC-I double casing.

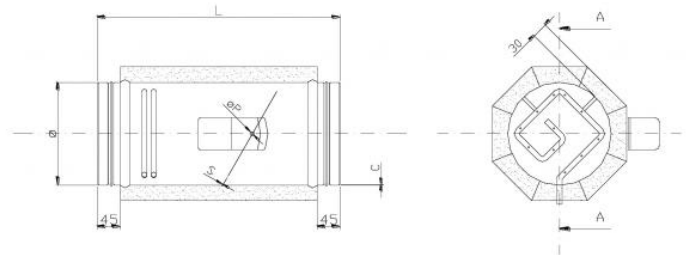
## SEMPLICE INVOLUCRO

SEZ. A-A



## DOPPIO INVOLUCRO

SEZ. A-A



## Operating data and price list:

When ordering, indicate the minimum and maximum air flow rates to be programmed.

Model	Minimum air flow rate $m^3/h$	Maximum air flow rate $m^3/h$	$\phi P$ mm	S mm	L mm	C mm	ERVC single casing, Control signal 2...10V euro	ERVC single casing, Control signal 0...10V euro	ERVC-I double casing, Control signal 2...10V euro	ERVC-I double casing, Control signal 0...10V euro
125	53	445	8	0,6	370	0,8	▼	▼	▼	▼
160	87	725	8	0,6	415	0,8	▼	▼	▼	▼
200	138	1130	8	0,6	470	0,8	▼	▼	▼	▼
250	212	1770	8	1,2	540	0,8	▼	▼	▼	▼
315	337	2810	12	1,2	630	0,8	▼	▼	▼	▼
355	428	3570	12	1,2	685	0,8	▼	▼	▼	▼
400	543	4525	12	1,2	7	0,8	▼	▼	▼	▼