

Constant Airflow Regulators

General information



Green Product

Advantages

- Automatically adjusts airflow at pre-set constant levels.
- Maintenance free.

MR MONO

APPLICATION

- Airflow is controlled at a pre-set value in HVAC circular ductwork.
- Installation of CMEV and air conditioning.
- Air exhaust and supply.
- Operating temperature range: -10°C / +60°C.

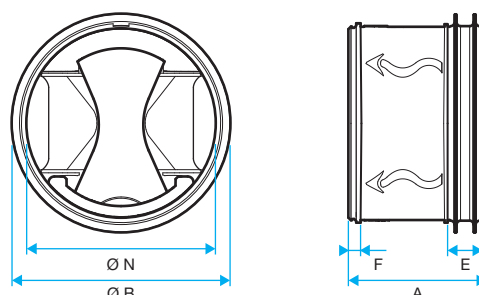
DESCRIPTION

- Plastic body (M1 fire resistance classification) housing the silicone regulating membrane in a calibrated air passage.
- Peripheral seal for air tight connection with duct.
- Outdoor diameter calibrated for standard duct diameters up to 250 mm.
- Operating range of standard range: 50-250 Pa.
- Operating range of high pressure range: 150-600 Pa.
- Airflow tolerances:
 - Q medium = Q nominal +/- 5 m³/hr for MR ≤ 50 m³/hr,
 - Q medium = Q nominal +/- 10% for MR > 50 m³/hr.

INSTALLATION

- Inserts directly into a circular duct near a connection or a terminal.
- In air exhaust mode: distance equivalent to 1 diameters between the MR and the terminal.
- In air supply mode: distance equivalent to 3 diameters between the MR and the terminal.
- Direction of assembly indicated on the component.
- Horizontal / vertical.

DIMENSIONS



Ø Duct (mm)	Ø N (mm)	Ø B (mm)	A (mm)	E (mm)	F (mm)
80	76	85	53	14	2
100	92	105	61	14	2
125	116	132	61	14	2
125	116	132	97	14	2
150	147	153	103	14	2
160	153	167	103	14	2
200	190	210	130	20	2
250	238	262	159	20	2

MR MONO 50 - 250 Pa

RANGE R11

Diameter	Description	Code
D80	MR MONO D80/3IN 15CMH/10CFM	11016226
	MR MONO D80/3IN 20CMH/12.5CFM	11016227
	MR MONO D80/3IN 25CMH/15CFM	11016228
	MR MONO D80/3IN 30CMH/17.5CFM	11016229
	MR MONO D80/3IN 35CMH/20CFM	11016230
	MR MONO D80/3IN 40CMH/22.5CFM	11016231
	MR MONO D80/3IN 45CMH/25CFM	11016232
	MR MONO D80/3IN 50CMH/30CFM	11016233
	MR MONO D80/3IN 60CMH/35CFM	11016234
	D100	MR MONO D100/4IN 15CMH/10CFM
MR MONO D100/4IN 20CMH/12.5CFM		11016236
MR MONO D100/4IN 25CMH/15CFM		11016237
MR MONO D100/4IN 30CMH/17.5CFM		11016238
MR MONO D100/4IN 35CMH/20CFM		11016239
MR MONO D100/4IN 40CMH/22.5CFM		11016240
MR MONO D100/4IN 45CMH/25CFM		11016241
MR MONO D100/4IN 50CMH/30CFM		11016242
MR MONO D100/4IN 55CMH/32.5CFM		11016243
MR MONO D100/4IN 60CMH/35CFM		11016244
MR MONO D100/4IN 65CMH/37.5CFM		11016245
MR MONO D100/4IN 70CMH/40CFM		11016246
MR MONO D100/4IN 75CMH/45CFM		11016247
MR MONO D100/4IN 80CMH/47.5CFM		11016248
MR MONO D100/4IN 85CMH/50CFM		11016249