

Constant Airflow Regulators

Motorised constant airflow regulator

New



RMA Ø125 mm

Advantages

- Basic airflow ensured by silicone regulating membrane while maximum airflow is achieved by fully open damper via motor.
- Possibility of regulating high airflow by adding MR.

APPLICATION

- Air supply and air exhaust.
- Manages two airflow rates (basic-max.).
- Electric control.
- Operating temperature: 0°C / +50°C.

DESCRIPTION

- Body made entirely of non-flammable (M1) classified plastic.
- Silicone regulating membrane.
- Peak airflow is activated via the thermally-controlled piston.
- Basic airflow rate regulated at 50-200 Pa.
- Connection Ø125 mm.
- Airflow tolerances:
 - Q medium = Q nominal +/- 5 m³/h for MR ≤ 50 m³/h,
 - Q medium = Q nominal +/- 10 % for MR > 50 m³/h.
- High airflow not regulated.
- Possibility of regulating it, by adding an MR.

CAUTION:

- The RMA should not be energized continuously for more than 12 hours.
- They should be plugged into a timer switch.
- RMA 2 pistons: RMA Ø 125 mm that can be continuously supplied for more than 12 hours for the Dee Fly system with bypass.

INSTALLATION

- Inserted directly between two circular ducts.
- Airflow direction indicated on the component.

RANGE Ø 125 R11

| Description | Code |
|--|----------|
| RMA Ø 125 - 15 m ³ /h 230 V | 11016057 |
| RMA Ø 125 - 20 m ³ /h 230 V | 11016474 |
| RMA Ø 125 - 25 m ³ /h 230 V | 11016472 |
| RMA Ø 125 - 30 m ³ /h 230 V | 11016471 |
| RMA Ø 125 - 45 m ³ /h 230 V | 11016475 |
| RMA Ø 125 - 50 m ³ /h 230 V | 11016470 |
| RMA Ø 125 - 60 m ³ /h 230 V | 11016469 |
| RMA Ø 125 - 75 m ³ /h 230 V | 11016468 |
| RMA Ø 125 - 90 m ³ /h 230 V | 11016467 |
| | |
| RMA Ø 125 - 15m ³ /h 12-24 V | 11016058 |
| RMA Ø 125 - 25 m ³ /h 12/24 V | 11016492 |
| RMA Ø 125 - 30 m ³ /h 12/24 V | 11016491 |
| RMA Ø 125 - 50 m ³ /h 12/24 V | 11016490 |
| RMA Ø 125 - 60 m ³ /h 12/24 V | 11016489 |
| RMA Ø 125 - 75 m ³ /h 12/24 V | 11016488 |
| RMA Ø 125 - 90 m ³ /h 12/24 V | 11016487 |

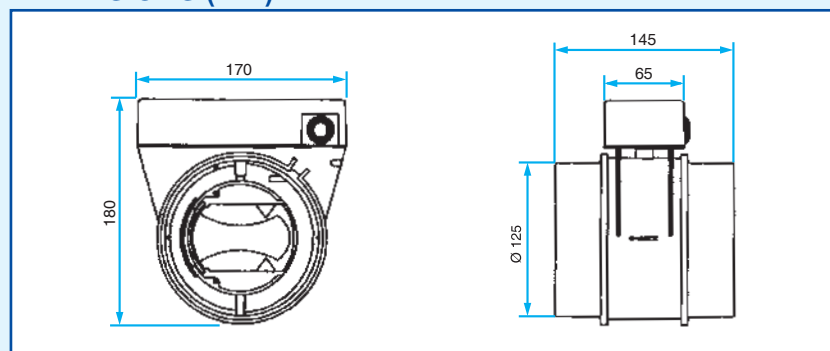
RANGE Ø 125 R11

| Description | Code |
|--------------------------------|----------|
| RMA 125 mm Ø 2 pistons 12-24 V | 11016069 |
| RMA 125 mm Ø 2 pistons 230 V | 11016070 |

ACCESSORIES R1

| Description | Code |
|-------------|----------|
| 1H timer | 11022008 |
| 2H timer | 11029010 |

DIMENSIONS (mm)

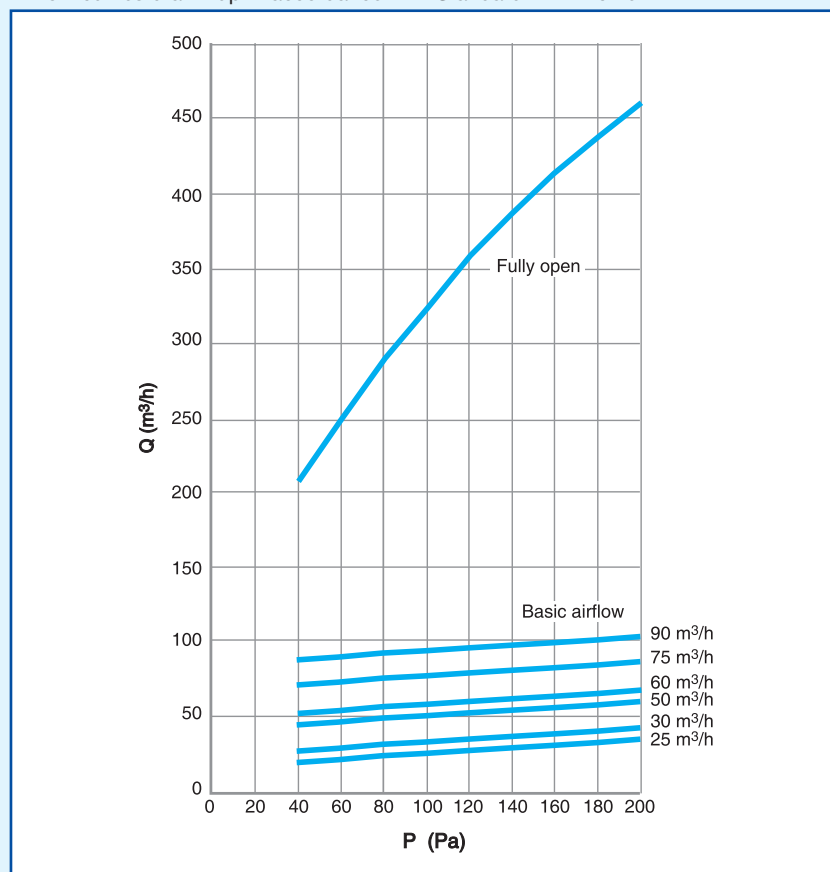


ELECTRICAL DETAILS

| Supply voltage | Supply frequency | Power consumption | Protection |
|----------------|------------------|-------------------|------------|
| 230 VAC. | 50-60 Hz | 6 W | 2 A |
| 12 - 24V AC/DC | 50-60 Hz | 3 W | 2 A |

AIRFLOW DETAILS

Airflow curves drawn up in accordance with Standard NF-X 10.231.



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RMA Ø200 mm

DESCRIPTION

- Range with a choice of options. Option available: Basic airflow:
- 15 - 25 - 30 or 50 m³/h with the airflow regulation sub-assembly Ø 100 mm.
- 60 - 75 - 90 - 100 or 130 m³/h with the airflow regulation sub-assembly Ø 125 mm.
- 160 - 170 - 190 - 210 or 250 m³/h with the airflow regulation sub-assembly Ø 160 mm.
- Airflow tolerances:
- Q medium = Q nominal +/- 5 m³/h for MR ≤ 50 m³/h,
- Q medium = Q nominal +/- 10 % for MR > 50 m³/h.
- High airflow not regulated.
- Possibility of regulating it, by adding an MR.

CAUTION:

- The RMA should not be energized continuously for more than 12 hours.

- They should be plugged into a timer switch.
- RMA Air supply: RMA Ø 200 mm delivered with 2 RCC for duct connection of Ø 160 mm or Ø 125 mm for the Dee Fly collective housing without bypass.
- RMA 2 pistons: RMA Ø200 mm that can be continuously supplied for more than 12 jours, supplied with 2 RCC for duct connection of Ø160 mm or Ø125 mm for the Dee Fly system with bypass.

RANGE **R1**

| Description | Code |
|--|----------|
| RMA Ø 200 - 12-24 V | 11016059 |
| RMA Ø 200 - 230 V | 11016060 |
| RMA Ø 200 + RCC air supply - 12-24 V | 11016063 |
| RMA Ø 200 + RCC air supply - 230 V | 11016064 |
| RMA Ø 200 mm + RCC 2 pistons - 12-24 V | 11016067 |
| RMA Ø 200 mm + RCC 2 pistons - 230 V | 11016068 |

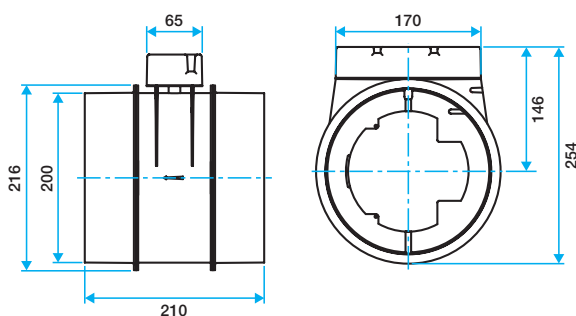
ACCESSORIES **R9**

| Description | Code |
|-------------|----------|
| 1H timer | 11022008 |
| 2H timer | 11029010 |

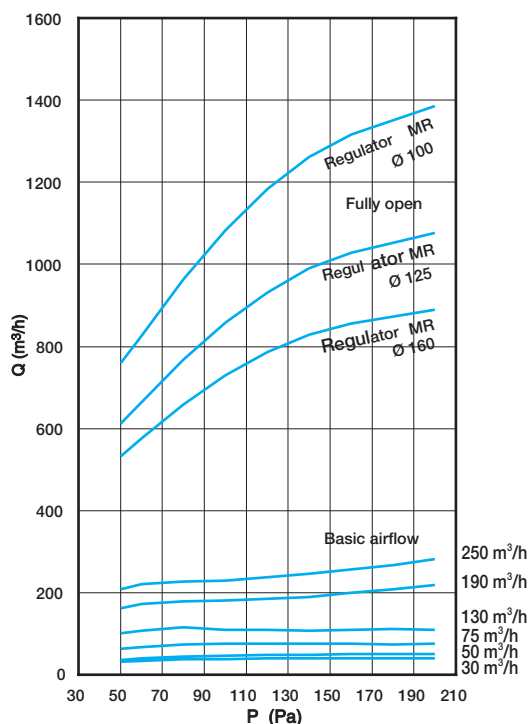
Advantages

- Basic airflow ensured by silicone regulating membrane while maximum airflow is achieved by fully open damper via motor.
- Possibility of regulating high airflow by adding MR.

DIMENSIONS (mm)



AIRFLOW DETAILS



INSTALLATION

