+25%
from 20th April 2022

RDR

The circular self-regulating air flow rate regulators of the RDR series keep the set air flow value constant, regardless of the pressure and air flow variation, without the help of external energy.

MATERIAL AND FINISH
- Construction in plastic (class. M1)

APPLICATION
- Suitable for CAV systems with an operating range between 50 and 250 Pa
- Suitable for temperatures up to max. 60° C

1. External casing in plastic
2. Gasket
3. Casing inside the damper
4. Regulator
5. Shock adsorber piston
6. Air flow rate regulation mechanism

VERSIONS
- RDR-LP Low pressure (20-100Pa)
- RDR-HP High pressure (151-600Pa)

See the product catalogue.

DIMENSIONS AND PRICES

CODE	Øn	Dimensions [mm]		RDR	Air flow rate Q [m³/h]		Lw in dB(A) [Pa]			
RDR		ØC	L0	€	Qmin	Qmax	50	150	200	250
80100	80	76	55	•	15	50	26	31	35	38
10100	100	96	70	•	15	50	27	33	36	39
10200	100	96	70	•	50	100	32	37	40	42
12100	125	120	70	•	15	50	27	33	36	39
12200	125	120	70	•	50	100	32	37	40	42
12300	125	120	90	•	100	180	33	37	41	45
16100	160	148	85		15	50	26	31	35	38
16200	160	148	85		50	100	32	37	40	42
16300	160	148	85	•	100	180	33	37	41	45
16400	160	148	85	•	180	300	35	41	44	47
20300	200	195	90		100	180	33	37	41	45
20400	200	195	90	•	180	300	35	41	44	47
20500	200	195	90	•	300	500	37	42	45	50
25400	250	245	90		180	300	35	41	44	47
25500	250	245	90		300	500	37	42	45	50
25600	250	245	120		450	800	39	48	54	60

• Products in stock

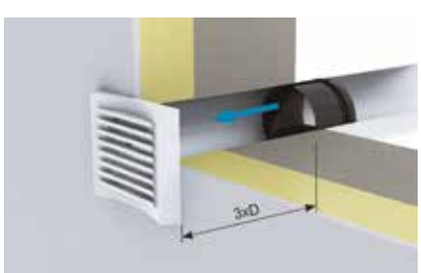
INSTALLATION

The flow regulator fits directly inside a vertical or horizontal duct. For horizontal ducts ensure the bottom ("DOWN") direction indicated on the front of the regulator faces downward. A lip seal ensures air tightness.

When the regulator is used in conjunction with an air diffusion vent, the distance between the vent and regulator must be:
- at least equal to the duct diameter for air extraction.
- at least three times the duct diameter for air supply.

Do not twist, push, or otherwise force the moving flap (the regulating element) when fitting.

Compliance with the airflow direction indicated on the adapter is vital.



RDR regulator in air supply

RDR regulator in air extraction