

RDR



SPECIFICATIONS:

The RDR flow controller is a component that is installed inside the duct to achieve a constant flow rate within a pressure range between 50 and 250 Pa. It is used in ventilation systems

and air-conditioning units, on the extractor or on the supply air.

The RDR flow controller can be adjusted during installation to a given flow rate.

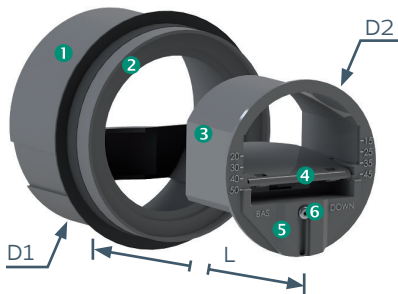
The graduation on the sides of the hole indicates the adjustments.

IMPORTANT!

- Autoregulated within a pressure range of 50 to 250 Pa
- Easy flow rate adjustment
- Locking of flow rate control module with torx screwdriver No. 10
- Made of plastic of M1 class (and galvanised steel for casings with diameters from 125 to 250 mm)
- Upper temperature limit for use: 60°C

KIT COMPONENTS AND DIMENSIONS:

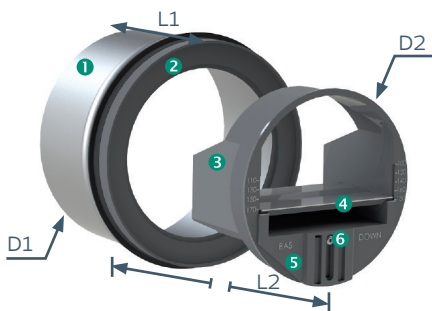
RDR controllers from Ø 80 to Ø 100



RDR	D1 (mm)	D2 (mm)	L (mm)
Ø 80	76	76	57
Ø 100	96	93	70

1. Flange rectangle with gasket
2. Distance coupling (depending on flow rate)
3. Body
4. Regulator element
5. Flow rate control module
6. Control module locking screw

RDR controllers from Ø 125 to Ø 250



RDR	D1 (mm)	D2 (mm)	L1 (mm)	L2 (mm)
Ø 125	120	117	80 (60*)	86 (68*)
Ø 150	148	148	78	85
Ø 160	148	148	78	85
Ø 200	195	195	71	91
Ø 250	244	245	82	120

1. Flange rectangle with gasket
2. Distance coupling (depending on flow rate)
3. Body
4. Regulator element
5. Flow rate control module
6. Control module locking screw

REGULATIONS:

Before installing the controller, the flow rate must be calibrated:

1. Loosen the locking screw of the adjustment module by 1/4 turn using a No. 10 torx screwdriver
2. Set the module marking (located on the left or right side) against the value of the desired flow rate
3. Tighten the locking screw of the adjustment module



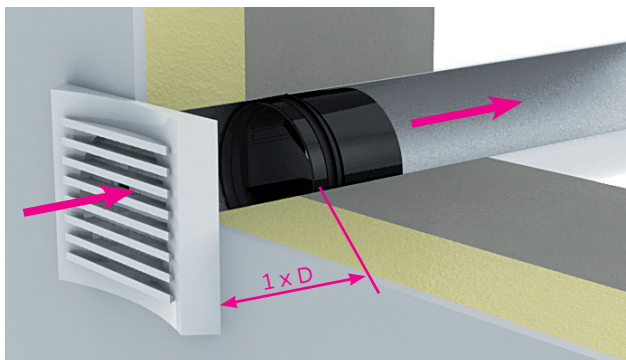
*It is possible to obtain a different flow rate than that marked on the regulator by setting the marking of the control module to an intermediate position.

INSTALLATION:

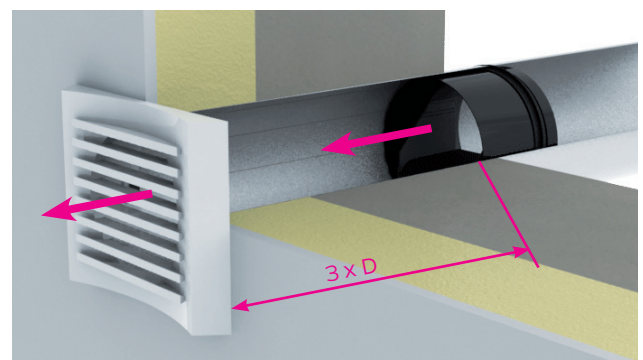
The flow regulator should be fixed inside the riser or horizontal duct. In the case of a horizontal duct, note the BAS (DOWN) direction marked on the front of the parts of the regulator. A lip seal ensures a tight

seal. When the regulator is connected to the outlet of the air distribution, minimum distance between outlets and regulator must be at least one diameter for the exhaust and three diameters for the supply. Do

not manipulate or push the movable damper (regulator element) during installation.



RDR controllers on the exhaust



RDR controllers on the supply air

CONSERVATION:

The flow controller must always be accessible for maintenance.

TECHNICAL DATA RDR

Ø 80 - 100 - 125 MM

The ventilation diagrams shown on the right show the change in flow rate in m³/h of the RDR Ø 80, 100 and 125 mm controllers on the extract, depending on the difference in

pressure expressed in Pascal (regulation at a pressure of 50 to 250 Pa).

The values indicated are averages and may fluctuate by: + / - 3 m³/h for flow rate + / - 5% for flow rates > 50 m³/h

Regulators are specified according to their sound power levels L_w expressed in dB(A).

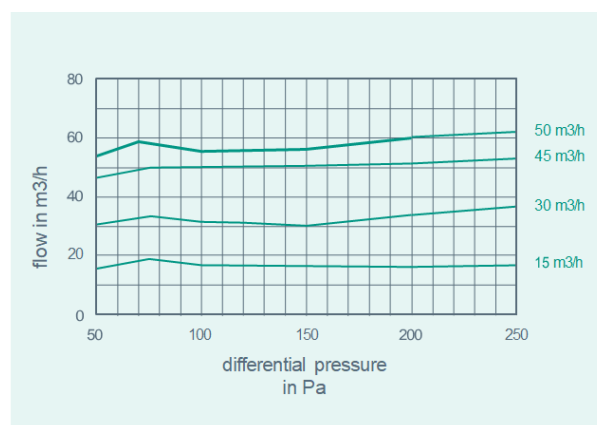
TABLE OF COMPONENTS OF RDR CONTROLLERS IN RELATION TO FLOW RATE

RDR	Assembly	Flow (m ³ /h)	Adjustable flow rate (m ³ /h)
Ø 80	RDR Ø 80	15 to 50	50
Ø 100	RDR Ø 80 + 1 distance coupling	15 to 50	50
Ø 100	RDR Ø 100	50 to 100	100
Ø 125	RDR Ø 80 + 2 distance switches	15 to 50	50
Ø 125	RDR Ø 100 + 1 distance coupling	50 to 100	100
Ø 125	RDR Ø 125	from 100 to 180	180
Ø 150	RDR Ø 80 + 3 distance couplers	15 to 50	50
Ø 150	RDR Ø 100 + 2 distance couplers	50 to 100	100
Ø 150	RDR Ø 125 + 1 distance coupling	from 100 to 180	180
Ø 150	RDR Ø 150	180 to 300	300
Ø 160	RDR Ø 80 + 3 distance couplers	15 to 50	50
Ø 160	RDR Ø 100 + 2 distance couplers	50 to 100	100

RDR	Assembly	Flow (m ³ /h)	Adjustable flow rate (m ³ /h)
Ø 160	RDR Ø 125 + 1 distance coupling	from 100 to 180	180
Ø 160	RDR Ø 160	180 to 300	300
Ø 200	RDR Ø 80 + 4 distance couplers	15 to 50	50
Ø 200	RDR Ø 100 + 3 distance couplers	50 to 100	100
Ø 200	RDR Ø 125 + 2 distance couplers	from 100 to 180	180
Ø 200	RDR Ø 160 + 1 distance coupling	180 to 300	300
Ø 200	RDR Ø 200	300 to 500	500
Ø 250	RDR Ø 100 + 4 distance couplers	50 to 100	100
Ø 250	RDR Ø 125 + 3 distance couplers	from 100 to 180	180
Ø 250	RDR Ø 160 + 2 distance couplings	180 to 300	300
Ø 250	R Ø 200 + 1 distance coupling	300 to 500	500
Ø 250	RDR Ø 250	450 to 800	800



FLOW REGULATOR Ø 80
- 15 to 50 m³/h

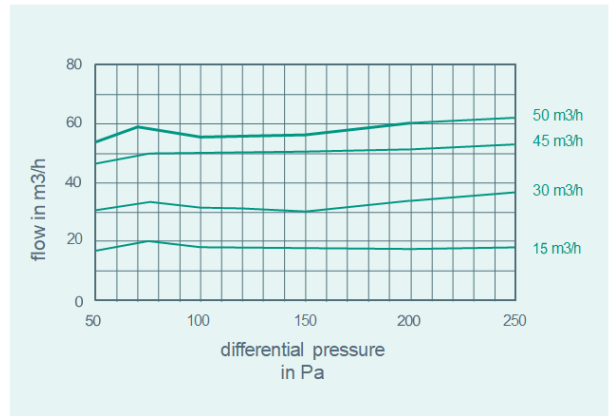


RDR 80

FLOW	Pressure differential	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Lw (dB(A))
15 (m ³ /h)	50 Pa	24	18	15	15	16	16	20	24
	100 Pa	25	22	21	25	25	21	20	30
	150 Pa	25	21	22	28	28	26	21	33
	200 Pa	25	23	24	30	30	27	23	35
	250 Pa	26	24	25	31	32	27	24	37
25 (m ³ /h)	50 Pa	25	24	20	20	19	16	20	26
	100 Pa	25	25	26	30	26	21	20	33
	150 Pa	26	27	30	35	32	24	21	38
	200 Pa	27	28	33	38	38	28	23	42
	250 Pa	27	29	34	40	41	33	26	45
30 (m ³ /h)	50 Pa	27	24	21	21	18	17	20	27
	100 Pa	27	26	27	30	26	20	20	33
	150 Pa	29	29	31	36	32	23	21	39
	200 Pa	30	31	35	40	37	27	23	43
	250 Pa	31	32	37	42	39	31	25	45
45 (m ³ /h)	50 Pa	30	25	21	22	17	16	20	27
	100 Pa	32	28	26	29	27	19	20	33
	150 Pa	33	31	30	35	34	24	21	39
	200 Pa	35	33	33	37	38	27	23	42
	250 Pa	35	35	36	41	41	31	26	45
50 (m ³ /h)	50 Pa	31	27	22	23	18	16	20	28
	100 Pa	32	29	27	30	28	19	20	34
	150 Pa	35	32	31	34	34	24	21	38
	200 Pa	36	35	34	37	38	27	23	42
	250 Pa	37	37	37	40	40	31	26	45



FLOW REGULATOR Ø 100
- 15 to 50 m³/h

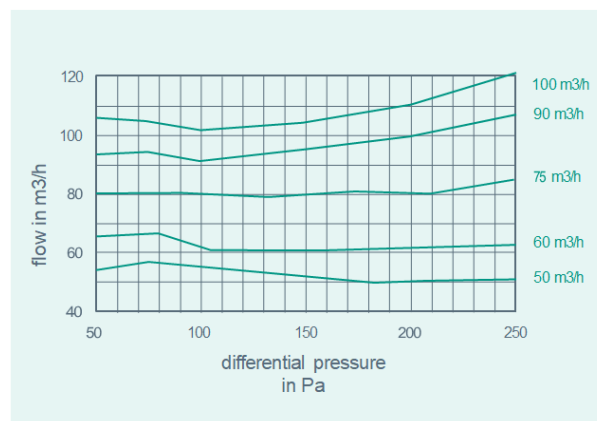


RDR 80 + 1 DISTANCE COUPLING

FLOW	Pressure differential	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Lw (dB(A))
15 (m ³ /h)	50 Pa	26	19	19	14	14	16	20	24
	100 Pa	26	21	22	19	20	18	20	26
	150 Pa	26	24	25	24	25	19	21	30
	200 Pa	28	26	28	27	29	22	22	33
	250 Pa	28	28	30	29	32	25	24	36
25 (m ³ /h)	50 Pa	27	23	25	18	17	16	20	26
	100 Pa	27	26	32	28	25	21	20	33
	150 Pa	28	28	36	32	30	24	21	37
	200 Pa	28	30	39	36	35	27	24	41
	250 Pa	29	31	40	39	39	-	27	44
30 (m ³ /h)	50 Pa	27	24	26	19	17	18	20	27
	100 Pa	27	26	32	28	24	20	20	33
	150 Pa	28	29	36	32	30	23	21	37
	200 Pa	30	32	40	37	35	27	24	42
	250 Pa	31	34	43	40	39	32	27	45
45 (m ³ /h)	50 Pa	30	25	21	22	17	16	20	27
	100 Pa	32	28	26	29	27	19	20	33
	150 Pa	33	31	30	35	34	24	21	39
	200 Pa	35	33	33	37	38	27	23	42
	250 Pa	35	35	36	41	41	31	26	45
50 (m ³ /h)	50 Pa	31	27	22	23	18	16	20	28
	100 Pa	32	29	27	30	28	19	20	34
	150 Pa	35	32	31	34	34	24	21	38
	200 Pa	36	35	34	37	38	27	23	42
	250 Pa	37	37	37	40	40	31	26	45



FLOW REGULATOR Ø 100
- 50 to 100 m³/h

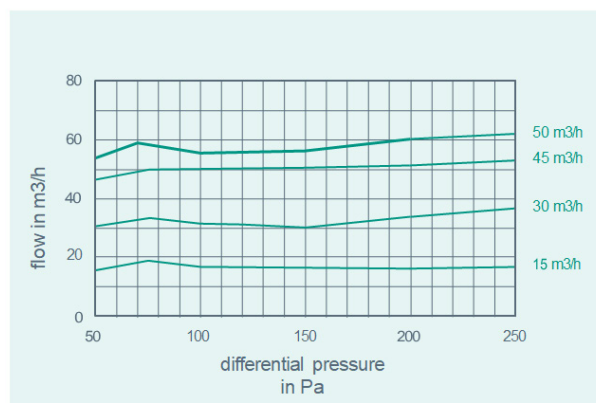


RDR 100

FLOW	Pressure differential	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Lw (dB(A))
50 (m ³ /h)	50 Pa	32	29	29	21	19	16	20	29
	100 Pa	31	33	35	29	27	19	20	35
	150 Pa	32	35	38	34	33	24	21	40
	200 Pa	33	37	41	38	37	28	24	43
	250 Pa	34	39	43	40	40	31	26	45
25 (m ³ /h)	50 Pa	34	30	32	24	22	17	20	31
	100 Pa	32	35	37	30	29	20	21	37
	150 Pa	34	37	40	35	35	26	22	41
	200 Pa	35	39	43	38	38	30	26	44
	250 Pa	36	41	44	40	40	33	28	46
30 (m ³ /h)	50 Pa	34	31	31	23	20	17	20	31
	100 Pa	33	37	37	31	30	21	21	38
	150 Pa	35	39	41	35	36	26	23	42
	200 Pa	37	42	44	38	39	31	27	45
	250 Pa	38	44	47	40	41	33	30	48
45 (m ³ /h)	50 Pa	36	33	33	25	22	18	20	33
	100 Pa	34	37	39	32	32	22	21	39
	150 Pa	36	40	43	36	37	27	24	43
	200 Pa	38	42	45	39	39	31	27	46
	250 Pa	39	44	48	41	41	34	30	48
50 (m ³ /h)	50 Pa	35	33	33	25	22	18	20	33
	100 Pa	35	36	40	32	31	23	21	39
	150 Pa	37	39	42	36	37	28	24	43
	200 Pa	38	41	45	39	40	32	28	46
	250 Pa	41	43	47	41	42	35	32	48



FLOW REGULATOR Ø 125
- 15 to 50 m³/h

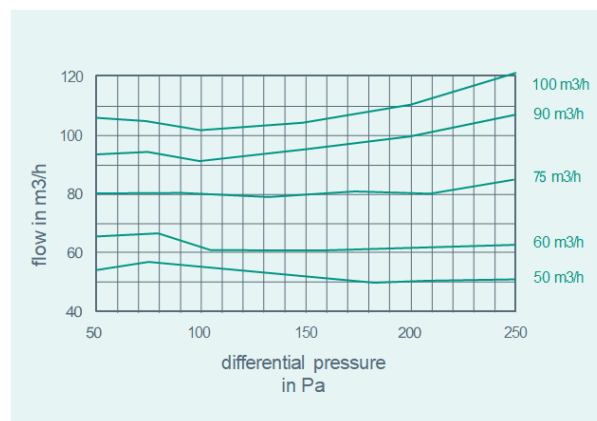


RDR 80 + 2 DISTANCE SWITCHES

FLOW	Pressure differential	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Lw (dB(A))
15 (m ³ /h)	50 Pa	28	21	18	16	17	16	20	25
	100 Pa	28	22	21	23	25	18	20	29
	150 Pa	28	22	22	25	28	26	21	32
	200 Pa	28	23	24	28	29	27	25	34
	250 Pa	28	24	26	30	32	26	26	36
25 (m ³ /h)	50 Pa	27	26	21	19	17	16	20	26
	100 Pa	27	28	27	28	24	20	20	32
	150 Pa	30	31	32	34	30	23	21	37
	200 Pa	31	33	35	38	37	29	24	42
	250 Pa	33	34	36	40	40	34	29	45
30 (m ³ /h)	50 Pa	28	28	22	20	18	17	20	27
	100 Pa	28	29	27	28	24	19	20	32
	150 Pa	30	32	33	34	30	22	21	37
	200 Pa	33	35	37	39	36	26	24	42
	250 Pa	35	37	40	42	40	31	27	46
45 (m ³ /h)	50 Pa	31	31	25	22	17	16	20	28
	100 Pa	29	30	29	29	26	18	20	33
	150 Pa	30	31	31	34	31	22	21	37
	200 Pa	33	34	34	37	36	26	24	41
	250 Pa	36	37	37	39	39	29	26	44
50 (m ³ /h)	50 Pa	33	32	27	24	18	16	20	30
	100 Pa	32	31	30	30	26	18	20	34
	150 Pa	33	33	31	33	31	22	21	37
	200 Pa	37	36	35	36	36	27	24	41
	250 Pa	39	39	37	39	39	30	27	44



FLOW REGULATOR Ø 125
- 50 to 100 m³/h

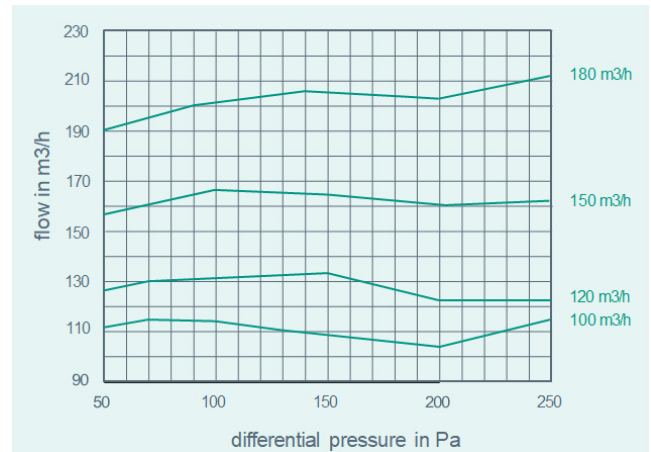


RDR 100 + 1 DISTANCE SWITCH

FLOW	Pressure differential	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Lw (dB(A))
50 (m ³ /h)	50 Pa	30	27	24	21	18	16	20	27
	100 Pa	31	30	30	30	27	18	20	34
	150 Pa	30	32	33	35	33	22	22	39
	200 Pa	32	34	36	39	38	27	25	43
	250 Pa	32	36	37	41	41	31	28	45
60 (m ³ /h)	50 Pa	35	33	26	23	20	16	20	30
	100 Pa	28	30	31	31	28	19	20	35
	150 Pa	31	33	34	36	34	23	22	39
	200 Pa	34	36	36	39	38	28	25	43
	250 Pa	34	38	38	41	41	31	29	45
75 (m ³ /h)	50 Pa	37	35	28	24	19	16	20	31
	100 Pa	30	31	31	31	28	19	21	35
	150 Pa	32	33	33	35	34	24	22	39
	200 Pa	34	36	36	38	38	28	26	43
	250 Pa	35	38	38	40	40	31	29	45
90 (m ³ /h)	50 Pa	39	36	29	26	20	17	20	32
	100 Pa	32	31	31	31	29	20	21	35
	150 Pa	32	33	33	35	34	24	22	39
	200 Pa	35	36	36	38	38	28	26	43
	250 Pa	36	38	38	40	40	31	29	45
100 (m ³ /h)	50 Pa	41	39	31	27	22	17	20	34
	100 Pa	32	33	32	32	30	20	21	36
	150 Pa	33	34	34	36	35	25	23	40
	200 Pa	35	37	37	38	38	29	27	43
	250 Pa	37	39	39	41	40	32	31	45



FLOW REGULATOR Ø 125
- 100 to 180 m³/h



RDR 125

FLOW	Pressure differential	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Lw (dB(A))
100 (m ³ /h)	50 Pa	48	36	31	28	25	18	20	35
	100 Pa	49	40	37	35	32	25	23	40
	150 Pa	52	44	40	39	37	31	28	44
	200 Pa	56	48	43	43	40	35	34	48
	250 Pa	58	50	45	46	42	38	37	50
120 (m ³ /h)	50 Pa	44	37	31	29	25	18	20	35
	100 Pa	49	41	37	36	33	25	23	41
	150 Pa	51	44	41	39	37	32	29	45
	200 Pa	50	43	42	42	39	35	34	47
	250 Pa	49	44	43	44	41	37	36	48
150 (m ³ /h)	50 Pa	48	35	30	30	27	20	21	36
	100 Pa	51	39	36	37	35	28	24	42
	150 Pa	52	41	39	40	38	33	30	45
	200 Pa	53	43	42	43	41	37	35	47
	250 Pa	53	44	44	45	43	39	38	49
180 (m ³ /h)	50 Pa	51	38	33	32	29	21	21	38
	100 Pa	52	40	35	36	34	30	24	42
	150 Pa	52	42	38	39	39	34	31	45
	200 Pa	53	44	41	42	40	37	36	47
	250 Pa	54	45	43	44	42	39	38	49

TECHNICAL DATA RDR Ø 150 - 160 - 200 mm

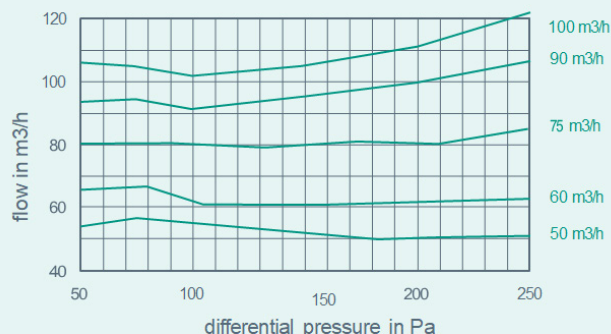
The ventilation graphs below show the change in intensity

flow rate in m³/h of RDR controllers Ø 150, 160 and 200 mm on the extractor, depending on the pressure differential expressed in Pascal (regulation at 50 Pa. The values indicated

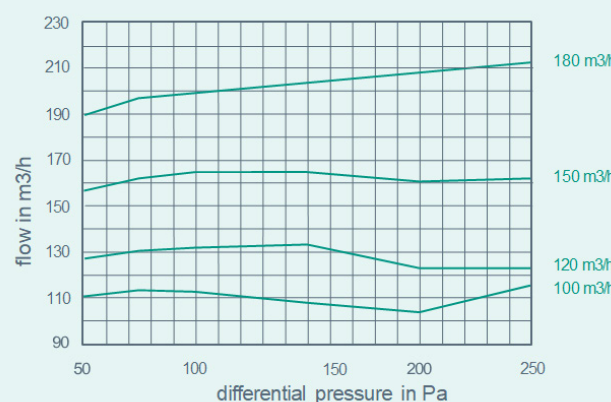
are average values and may vary by +/- 5%. Regulators are specified according to their sound power levels L_w expressed in dB(A).



FLOW CONTROLLER Ø 150/160
- 50 to 100 m³/h



FLOW CONTROLLER Ø 150/160
- 100 to 180 m³/h

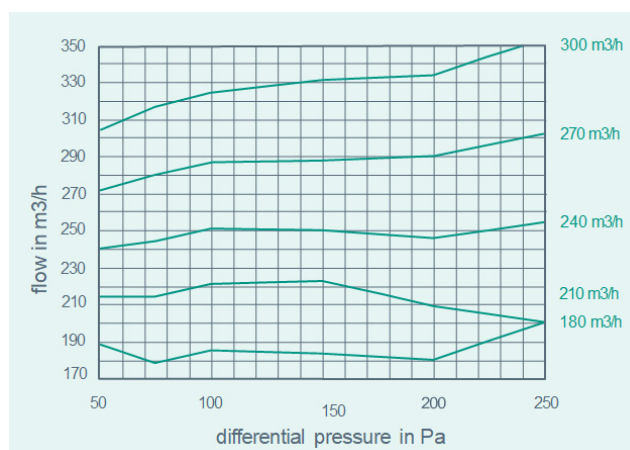


RDR 125 + 1 DISTANCE COUPLING

FLOW	Pressure differential	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Lw (dB(A))
100 (m ³ /h)	50 Pa	41	42	37	29	25	18	20	38
	100 Pa	47	45	44	37	33	26	23	44
	150 Pa	49	46	45	40	37	32	28	46
	200 Pa	50	47	46	44	41	37	33	49
	250 Pa	52	49	48	46	44	39	38	51
120 (m ³ /h)	50 Pa	44	43	38	30	26	18	20	39
	100 Pa	47	44	43	38	35	26	24	44
	150 Pa	50	46	46	41	38	33	29	47
	200 Pa	49	46	47	44	41	37	35	49
	250 Pa	48	47	47	45	43	40	37	50
150 (m ³ /h)	50 Pa	46	46	39	31	27	20	21	40
	100 Pa	49	46	45	39	36	29	25	45
	150 Pa	51	47	47	43	41	35	30	49
	200 Pa	51	48	48	46	43	39	36	51
	250 Pa	50	48	49	47	45	41	39	52
180 (m ³ /h)	50 Pa	47	48	40	31	29	21	21	42
	100 Pa	52	47	46	40	37	30	26	47
	150 Pa	53	48	46	43	41	35	31	49
	200 Pa	52	50	48	45	43	39	36	51
	250 Pa	52	51	50	47	45	41	38	53



FLOW REGULATOR Ø 150/160
- 180 to 300 m³/h

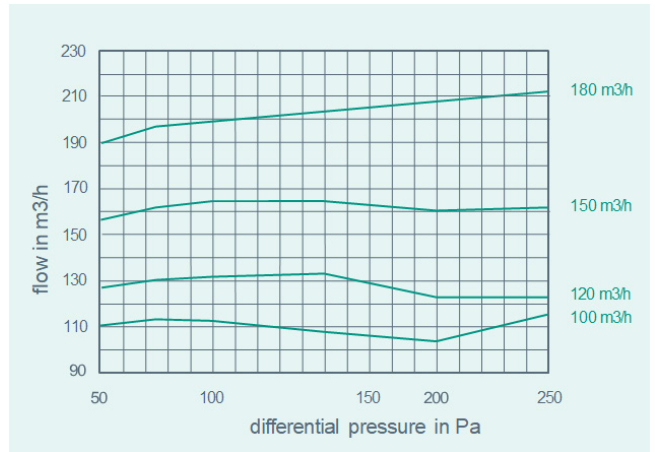


RDR 150 - 160

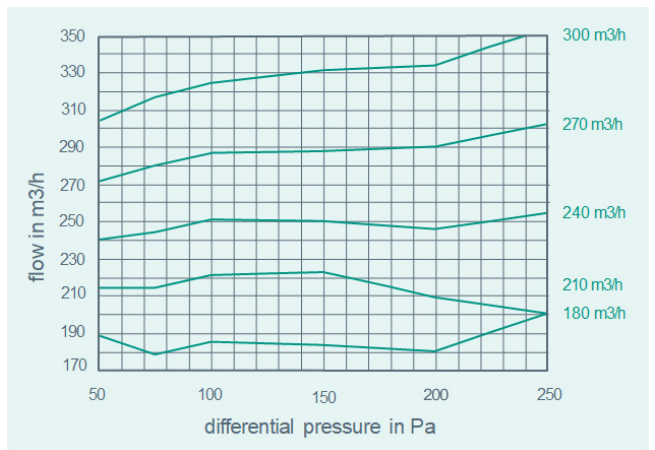
FLOW	Pressure differential	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Lw (dB(A))
180 (m ³ /h)	50 Pa	47	42	35	31	28	23	21	38
	100 Pa	52	44	39	37	34	30	25	43
	150 Pa	53	46	43	41	38	35	31	46
	200 Pa	56	48	45	44	41	38	35	49
	250 Pa	58	51	48	46	43	41	39	51
210 (m ³ /h)	50 Pa	48	41	37	33	31	25	22	39
	100 Pa	52	45	42	39	37	32	28	45
	150 Pa	53	47	45	42	40	37	33	48
	200 Pa	54	48	48	45	42	40	37	50
	250 Pa	54	47	48	47	44	41	40	52
240 (m ³ /h)	50 Pa	48	41	37	34	31	25	23	40
	100 Pa	52	44	40	39	36	31	27	44
	150 Pa	53	46	43	42	39	36	33	47
	200 Pa	54	47	44	44	40	38	36	49
	250 Pa	54	48	46	46	42	40	38	50
270 (m ³ /h)	50 Pa	47	40	36	33	31	24	22	39
	100 Pa	52	45	41	40	37	32	28	45
	150 Pa	54	47	44	43	40	37	35	48
	200 Pa	54	48	46	45	41	40	38	50
	250 Pa	55	50	48	47	43	42	41	52
300 (m ³ /h)	50 Pa	50	42	38	35	34	26	24	41
	100 Pa	53	45	43	41	39	34	30	46
	150 Pa	52	47	46	45	42	38	35	49
	200 Pa	52	50	47	47	43	40	39	51
	250 Pa	55	51	50	49	46	43	42	53



FLOW CONTROLLER Ø 200
- 100 to 180 m³/h



FLOW CONTROLLER Ø 200
- 180 to 300 m³/h

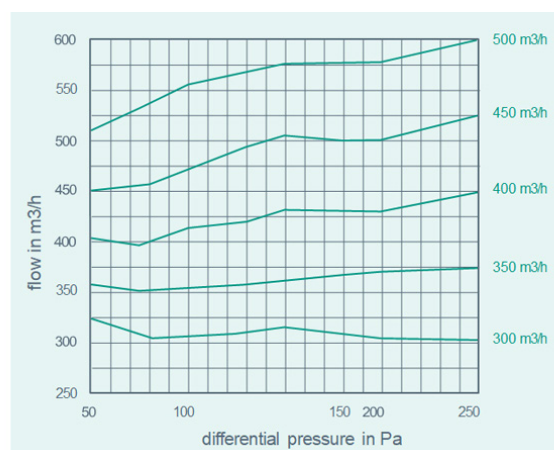


RDR 160 + 1 DISTANCE COUPLING

FLOW	Pressure differential	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Lw (dB(A))
180 (m ³ /h)	50 Pa	47	43	37	29	26	18	20	39
	100 Pa	47	44	44	39	36	29	26	45
	150 Pa	49	45	44	42	40	33	30	47
	200 Pa	52	47	47	45	42	37	35	50
	250 Pa	55	49	49	48	45	40	39	53
210 (m ³ /h)	50 Pa	49	44	37	30	28	20	21	40
	100 Pa	47	45	45	39	37	30	27	46
	150 Pa	48	45	45	42	40	35	31	48
	200 Pa	49	45	46	44	42	38	35	49
	250 Pa	50	46	46	45	44	40	39	51
240 (m ³ /h)	50 Pa	50	45	37	29	28	19	21	40
	100 Pa	47	46	46	40	38	31	28	46
	150 Pa	48	47	47	44	41	35	32	49
	200 Pa	48	47	47	46	44	39	36	51
	250 Pa	49	47	48	48	46	42	41	53
270 (m ³ /h)	50 Pa	50	44	36	30	30	20	21	40
	100 Pa	50	50	47	40	38	30	27	47
	150 Pa	49	49	49	43	41	35	32	50
	200 Pa	48	48	49	46	43	39	36	51
	250 Pa	49	48	49	48	45	42	40	53
300 (m ³ /h)	50 Pa	51	46	38	31	33	24	22	42
	100 Pa	50	51	50	42	40	32	29	50
	150 Pa	49	50	51	45	43	37	34	52
	200 Pa	50	50	51	47	44	40	38	53
	250 Pa	51	50	50	49	46	42	41	54



FLOW REGULATOR Ø 200
- 300 to 500 m³/h



RDR 200

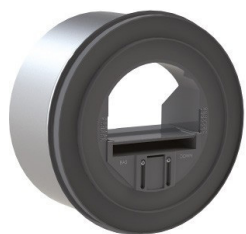
FLOW	Pressure differential	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Lw (dB(A))
300 (m ³ /h)	50 Pa	45	41	37	33	31	24	22	39
	100 Pa	45	42	41	39	38	31	27	44
	150 Pa	48	46	44	43	41	37	33	48
	200 Pa	48	47	46	45	43	40	37	50
	250 Pa	48	47	48	48	45	42	40	52
350 (m ³ /h)	50 Pa	45	41	39	35	32	25	22	41
	100 Pa	46	43	42	40	38	32	28	45
	150 Pa	48	46	45	44	42	38	34	49
	200 Pa	49	48	47	47	44	41	37	51
	250 Pa	50	49	49	49	46	43	41	54
400 (m ³ /h)	50 Pa	46	42	39	35	31	24	22	41
	100 Pa	46	44	44	42	39	33	28	47
	150 Pa	48	46	47	45	43	39	34	50
	200 Pa	49	48	48	48	45	42	38	52
	250 Pa	50	49	49	50	47	44	41	54
450 (m ³ /h)	50 Pa	46	43	40	35	31	25	22	41
	100 Pa	48	46	45	42	39	34	29	47
	150 Pa	50	48	48	46	43	39	35	51
	200 Pa	50	49	50	48	45	42	39	53
	250 Pa	51	50	51	50	47	45	43	55
500 (m ³ /h)	50 Pa	45	43	41	36	33	26	23	42
	100 Pa	49	46	46	43	40	35	30	48
	150 Pa	51	49	49	47	44	41	37	52
	200 Pa	51	50	50	49	46	43	40	54
	250 Pa	52	51	52	50	48	46	44	56

TECHNICAL DATA RDR Ø 250

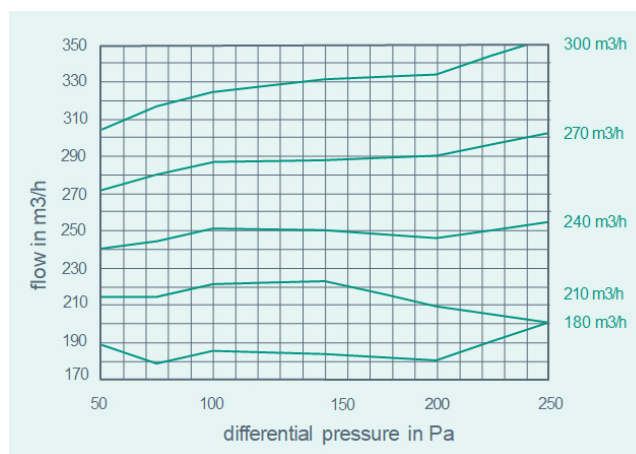
The ventilation graphs below show the change in intensity

flow rate in m^3/h of RDR Ø 250 mm controllers on the extractor, depending on the differential pressure expressed as in Pascal (regulation at a pressure of 50 to 250 Pa). Indicated

values are average values and may vary by $\pm 5\%$. Regulators are specified according to their sound power levels L_w expressed in dB(A).

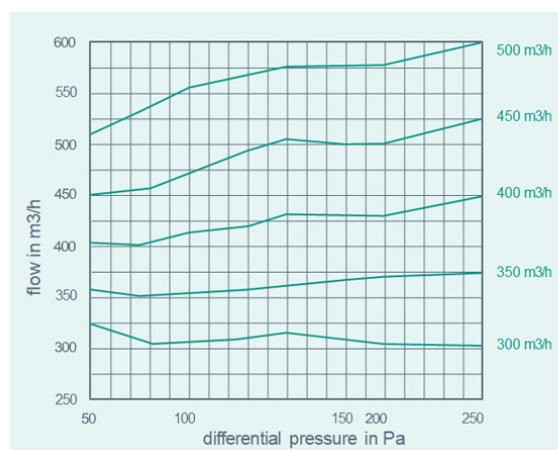


FLOW REGULATOR Ø 250
- 180 to 300 m^3/h





FLOW CONTROLLER Ø 250
– 300 to 500 m³/h

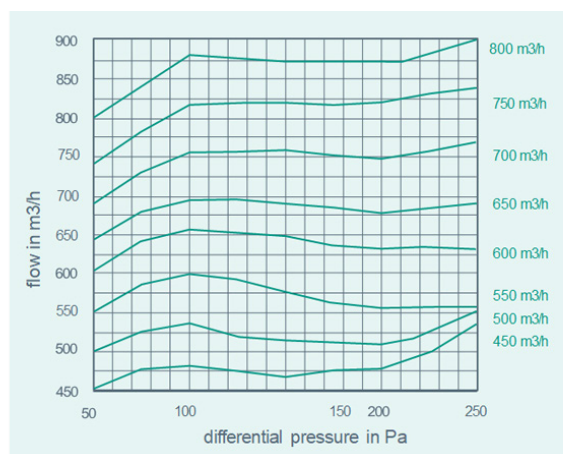


RDR 200 + 1 DISTANCE COUPLING

FLOW	Pressure differential	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Lw (dB(A))
300 (m ³ /h)	50 Pa	45	37	30	26	25	18	20	34
	100 Pa	49	47	42	37	36	30	25	44
	150 Pa	48	48	45	42	40	36	30	48
	200 Pa	47	47	46	44	42	39	34	49
	250 Pa	46	47	47	46	43	41	38	51
350 (m ³ /h)	50 Pa	46	40	33	27	25	18	20	36
	100 Pa	49	48	43	38	34	29	24	45
	150 Pa	48	49	48	43	39	35	30	49
	200 Pa	48	49	48	45	41	38	34	50
	250 Pa	48	49	49	47	43	41	38	52
400 (m ³ /h)	50 Pa	47	40	33	28	26	20	21	37
	100 Pa	51	50	45	39	34	30	25	46
	150 Pa	50	51	50	44	38	36	30	50
	200 Pa	49	51	51	47	41	39	35	52
	250 Pa	49	51	51	49	43	41	39	53
450 (m ³ /h)	50 Pa	47	40	35	29	27	20	21	37
	100 Pa	52	51	46	41	34	30	26	47
	150 Pa	51	53	51	45	39	36	32	52
	200 Pa	51	54	53	48	41	40	36	54
	250 Pa	51	53	54	50	43	43	39	55
500 (m ³ /h)	50 Pa	47	41	35	30	27	20	20	38
	100 Pa	53	51	47	42	35	31	26	48
	150 Pa	53	55	51	46	39	37	34	52
	200 Pa	53	54	54	49	42	40	39	54
	250 Pa	53	55	56	52	45	43	42	56



FLOW CONTROLLER Ø 250
– 400 to 800 m³/h



RDR 250

FLOW	Pressure differential	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Lw (dB(A))
450 (m³/h)	50 Pa	38	35	33	31	26	21	21	35
	100 Pa	41	40	39	38	34	34	25	42
	150 Pa	42	42	42	42	38	39	32	47
	200 Pa	44	43	45	45	41	44	37	50
	250 Pa	47	45	47	47	44	46	41	53
500 (m³/h)	50 Pa	37	35	34	32	27	22	21	36
	100 Pa	42	40	40	39	36	35	26	44
	150 Pa	42	42	43	43	40	41	33	48
	200 Pa	44	43	46	46	43	45	39	51
	250 Pa	48	49	51	51	49	49	44	56
550 (m³/h)	50 Pa	36	44	42	38	35	31	27	44
	100 Pa	44	47	46	43	40	38	30	48
	150 Pa	55	48	47	46	42	43	38	51
	200 Pa	56	49	49	48	45	46	41	54
	250 Pa	50	54	55	53	53	51	45	60
600 (m³/h)	50 Pa	39	46	44	40	36	32	29	45
	100 Pa	48	49	48	44	41	39	33	50
	150 Pa	57	50	49	46	43	43	40	52
	200 Pa	53	55	55	53	51	49	45	58
	250 Pa	50	53	56	52	50	50	46	58
650 (m³/h)	50 Pa	40	46	44	39	36	33	30	45
	100 Pa	49	50	48	45	41	39	33	50
	150 Pa	57	51	50	48	44	44	41	53
	200 Pa	52	54	54	52	49	49	44	57
	250 Pa	49	53	54	52	49	50	45	58
700 (m³/h)	50 Pa	41	46	44	39	36	33	30	46
	100 Pa	49	50	48	46	42	40	33	51
	150 Pa	58	51	52	49	46	45	41	55
	200 Pa	52	54	53	51	48	48	43	56
	250 Pa	49	53	52	52	49	50	45	57
750 (m³/h)	50 Pa	42	46	44	40	36	33	29	46
	100 Pa	49	51	49	47	43	41	34	52
	150 Pa	49	53	51	49	45	46	41	55
	200 Pa	50	52	52	51	47	49	44	56
	250 Pa	51	52	54	53	50	51	46	58
800 (m³/h)	50 Pa	43	46	45	40	37	34	30	46
	100 Pa	50	53	52	48	44	42	34	54
	150 Pa	52	54	52	50	46	46	42	55
	200 Pa	52	56	53	52	48	49	44	57
	250 Pa	53	57	54	53	50	51	46	59