

Silencer

Compact Resin Type/Male Thread

Series AN05 to 40

RoHS



How to Order

AN 20 - 02

Body size

Symbol
05
10
15
20
30
40

Thread type

Nil	M thread
	R
N	NPT

Thread connection port size

Symbol	Port size	Applicable model
M5	M5 x 0.8	AN05
01	1/8	AN10
02	1/4	AN15/20
03	3/8	AN30
04	1/2	AN40

Specifications

Fluid	Compressed air
Max. operating pressure ^{Note 1)}	145psi (1.0 MPa)
Noise reduction	30 dB(A) ^{Note 2)}
Ambient and fluid temperature	41 to 140°F (5 to 60°C) ^{Note 3)}

Note 1) It indicates the inlet pressure for solenoid valve.

Note 2) The value may vary, depending on the pneumatic circuit or pressure that is exhausted from the solenoid valve.

Note 3) The product can be used in temperatures 14 to 140°F (–10 to 60°C) if there is no risk of water droplets forming and freezing.

Refer to page 5 for Precautions on these products.

Performance

Model	Effective area mm ²	Sonic conductance C [dm ³ /(s·bar)]	Recommended flow m ³ /min(ANR)	Weight g
AN05-M5	5	1	0.4 or less	0.5
AN10-01	10	2	0.8 or less	1
AN15-02	15	3	1.0 or less	2.5
AN20-02	35	7	3.0 or less	4
AN30-03	60	12	5.0 or less	5.5
AN40-04	90	18	8.0 or less	8.5

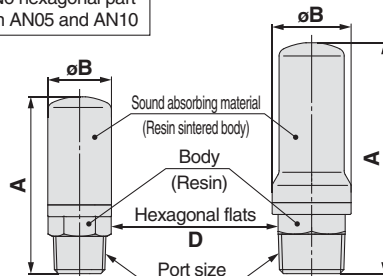
Note) Recommended flow rate is the flow at 72.5psi (0.5 MPa) in the inlet pressure.

Construction/Parts/Dimensions

AN05/10/20

AN15/30/40

No hexagonal part
in AN05 and AN10



Dimensions

Model	Port size R, NPT	A	B	D
AN05-M5	M5 x 0.8	15	6.5	–
AN10-01	1/8	23	11	–
AN15-02	1/4	32	16	14
AN20-02	1/4	45	16.5	14
AN30-03	3/8	58.5	20	17
AN40-04	1/2	68	24	21