

Silencer

40 dB (A): High Noise Reduction Type

ANA1 Series

RoHS

A high noise reduction type silencer keeps the noise level inside a plant below 85 dB (A).



How to Order

ANA1-03

Port size

Symbol	Port size	Connection
01	1/8	Screw-in *
02	1/4	
03	3/8	
04	1/2	
06	3/4	
10	1	
12	1 1/4	
14	1 1/2	
20	2	One-touch fitting
C08	ø8 (Applicable One-touch fitting size)	
C10	ø10 (Applicable One-touch fitting size)	
C12	ø12 (Applicable One-touch fitting size)	

* Only R is available.

Series

Symbol	Noise reduction
A1	40 dB (A)

Specifications

Fluid	Compressed air
Max. operating pressure ⁽¹⁾	1.0 MPa
Noise reduction	40 dB (A) ⁽²⁾
Ambient and fluid temperature	5 to 60°C

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 -10 to 60°C if there is no risk of water droplets forming and freezing.

Refer to page 826 for Precautions on these products.

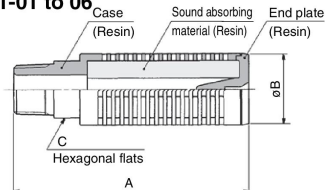
Performance/Dimensions (Screw-in connection)

Model	Port size R	Effective area (mm ²)	Sonic conductance C [dm ³ /(s-bar)]	Recommended flow (m ³ /min (ANR))	Weight (g)	Dimensions (mm)		
						A	B	C
ANA1-01	1/8	10	2	0.8 or less	4	37	16	—
ANA1-02	1/4	15	3	1.2 or less	14	64	22	18
ANA1-03	3/8	35	7	2.7 or less	22	84	25	21
ANA1-04	1/2	60	12	4.5 or less	36	98	30	24
ANA1-06	3/4	90	18	7.0 or less	110	111	46	36
ANA1-10	1	160	32	12.0 or less	180	132	50	41
ANA1-12	1 1/4	280	56	20.0 or less	544	200	74	60
ANA1-14	1 1/2	450	90	32.0 or less	612	230	74	60
ANA1-20	2	610	122	45.0 or less	873	271	86	70

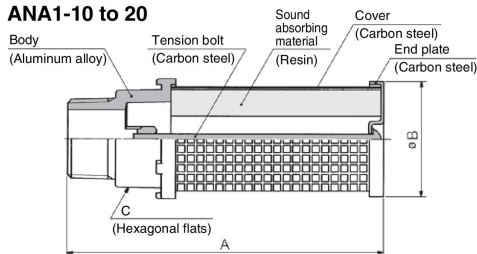
Note) Recommended flow rate is the flow at 0.5 MPa in the inlet pressure.

Construction/Parts/Dimensions

ANA1-01 to 06



ANA1-10 to 20



Performance/Dimensions (One-touch fitting connection)

Model	Applicable One-touch fitting size	Effective area (mm ²)	Recommended flow (m ³ /min (ANR))	Weight (g)	Dimensions (mm)	
					A	B
ANA1-C08	ø8	11	0.8 or less	5	58	16
ANA1-C10	ø10	15	1.2 or less	13	76	22
ANA1-C12	ø12	33	2.5 or less	19	95	25

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

Construction/Parts/Dimensions

ANA1-C08 to C12

