

AIR EXHAUST MUFFLER SERIES B, M and N



Description:

“The Original“...provides up to 85% noise reduction and 94% flow factor

Thoroughly proven on thousands of installations, the world-class Atomuffler Air Exhaust Muffler expertly reduces Exponentially Perceived Noise (PNdB) without impeding equipment performance. Its design takes explosive air exhaust noise discharged from valve exhaust ports and muffles it with optimized Sonstant Velocity (CV) flow factor. Exhaust air flows softly to atmosphere free of noise, oil fog and contaminates – providing a clean, comfortable and productive work environment.

The Air Exhaust Muffler features a unique obstruction-free expansion chamber. Standard Air Exhaust Muffler construction includes aluminium end covers, zinc-plated steel components and a cellulose fiber element.

This design is recommended for general purpose air exhaust applications for pressures up to 125 psi.

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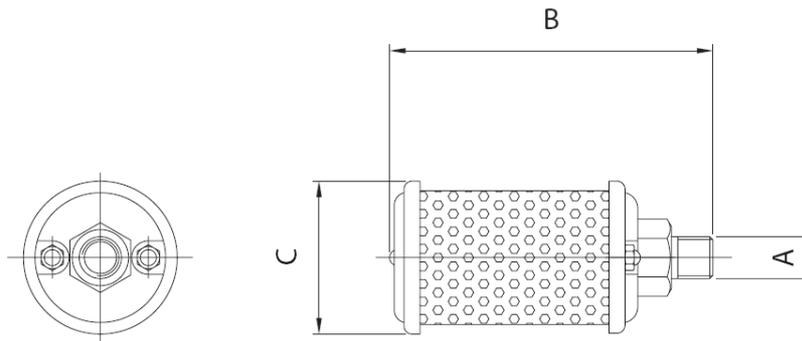


Sample for Type Key: **B05-0121005**

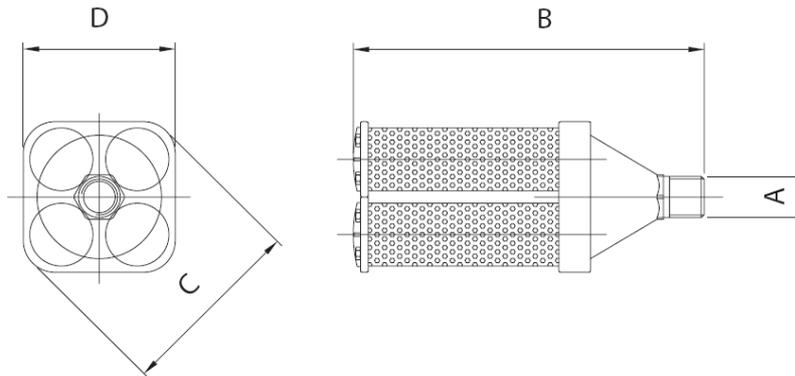
Model Type _____
 Item Number _____
 Conn. Size _____

Connection Thread Types											
Conn. Size A	Male BSPT		Male NPT		Female NPS		Replacement Element	Dimensions			
	Type	Item Number	Type	Item Number	Type	Item Number		B Male	B Female	C	D
1/8"	B01	0121001	M01	0111001	N01	0211001	0911001	80	72	47	
1/4"	B02	0121002	M02	0111002	N02	0211002	0911002	111	102	47	
3/8"	B00	0121000	M00	0111000	N00	0211000	0911000	130	116	66	
1/2"	B05	0121005	M05	0111005	N05	0211005	0911005	153	140	80	
3/4"	B07	0121007	M07	0111007	N07	0211007	0911007	183	170	87	
1"	B10	0121010	M10	0111010	N10	0211010	0911010	223	202	100	
1 1/4"	B12	0121012	M12	0111012	N12	0211012	0911012	223	204	100	
1 1/2"	B15	0121015	M15	0111015	N15	0211015	0911015	345	318	134	
2"	B20	0121020	M20	0111020	N20	0211020	0911020	480	17.75	134	
3"	B30	0121030	M30	0111030			0911030	582		210	175
4"	B40	0121040	M40	0111040			0911040	598		238	199
6"	B60	0121060	M60	0111060			0911060	786		334	278

Measures:



Type up to 2"



Type at 3"

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Technical Data:

max. operating pressure	10 bar/150 psi
max. operating temperature	160°C
attenuation EPNdB	17-22 dBA
noise reduction	80-92%
flow factor	94%
filtration sound absorber	10 µm

Bill of Materials:

port cover	H.T. cast aluminium
lock nuts	steel zinc plated
Steel zinc plated	steel zinc plated
resonator disc (from 3/4")	stainless steel 409
tie rods	steel zinc plated
perforated sheet	stainless steel 409
sound absorber	cellulose fiber
back cover	H.T. cast aluminium

Maintenance:

Only maintenance activity is change of filter element, interval isn't specified. Indication for change element can be apply of pressure relief valve.

Mounting Instructions:

All units are provided with a hex head, making them easy to attach to exhaust ports. Units should be mounted in a protective position, free from excess vibration.