

Exhaust Silencer

DESCRIPTION

Exhaust silencer have been developed for efficient noise reduction from pneumatic valves and provide a safe working space at ventilation of large compressed air storages⁽¹⁾.



APPLICATIONS⁽²⁾

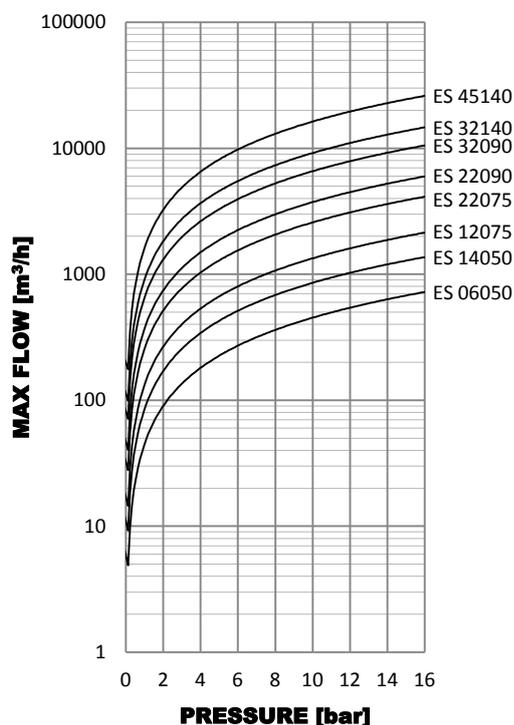
- Air Dryer
- Air Exhaust
- Vacuum pump
- Compressor
- Valve
- Pneumatic control devices

⁽¹⁾For any other technical gas please contact us or your local dealer.

⁽²⁾Exhaust silencer can be used in variety of applications. For applications not listed please contact us or your local dealer.

TECHNICAL SPECIFICATION

Operating temperature	1,5 - 65 °C	35 - 149 °F
Operating pressure	0 - 16 bar (g)	0 - 232 psi
Flow direction	INSIDE to OUT	-



MATERIALS

Absorption media	Acrylic fibers, cellulose
Joints	Screws
Endcaps	Aluminium

NOISE REDUCTION

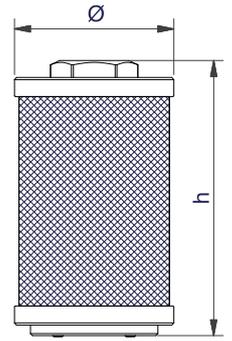
Silencer noise depends on different variables, like connection line, silencer size, flow rates. When connected to 7bar network, silencer usually reduces noise by 35dB. Typically noise does not exceed 85dB.

ANTIFREEZE ABSORPTION MEDIA

Silencer cartridge is made of materials, resistant to freezing, which occurs when expanding compressed air. Inner layer provides high throughput that prevents surface saturated with ice.

SIZES

SILENCER SIZE	DIMENSIONS [mm]	FLOW CAPACITY ⁽¹⁾ [Nm ³ /h]	FLOW CAPACITY [scfm]	PIPE CONNECTION ⁽²⁾
ES 06050	Ø=51;h=70	190	118	1/4
ES 14050	Ø=51;h=127	420	262	3/8
ES 12075	Ø=75;h=130	850	530	1/2
ES 22075	Ø=75;h=230	1820	1134	3/4
ES 22090	Ø=90;h=233	2310	1440	1
ES 32090	Ø=90;h=333	4550	2835	1 1/4
ES 32140	Ø=140;h=336	6370	3970	1 1/2
ES 45140	Ø=140;h=475	11200	6978	2



⁽¹⁾Flow capacity at 7 bar(g), 20°C.

⁽²⁾Standart is interial BSP pipe conection, other pipe conection on request.

MAINTENANCE

Replace sound absorption element and other components from service kit at least every 12 months or follow the instructions for specific application. Once per year make a visual check of silencer housing and make sure there is no visual damage.

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	<p>Our quality management system is certified by BUREAU VERITAS in conformity with ISO 9001:2008 Reg. number: 200285</p>	
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