Exhaust Silencer Mist Eliminator XMC

XMC-08-000

= **"Most Popular"**

Specifications

	XMC-04-000	XMC-08-000	XMC-0B-000
Air Flow @12 PSIG (0,8 bar) Back Pressure	65 SCFM (30.7 dm^3/s)	110 SCFM (51.9 dm^3/s)	200 SCFM (94.4 dm^3/s)
Bowl Capacity	2.2 fl. oz.	5 fl. oz.	5 fl. oz.
Cv	5.5	9.3	16.9
Drain	Manual		
Oil Removal	99.9%		
Operating Temperature	36° to 122°F (2° to 50°C)		
Port Size*	1/2 NPT	1 NPT	1-1/2 NPT
Media		Air	
Noise Reduction	25 dBA		
Weight	0.4 (0,18)		

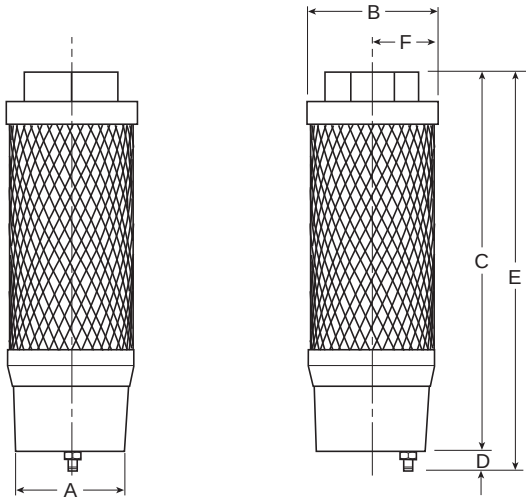
* Place "C" in position 4 to specify BSPP-G.

Features

- Port Sizes 1/2", 1" and 1-1/2" NPT
- Liquid Sump with Manual Drain
- Corrosion Resistant Construction
- Compact and Easy to Install
- Low Cost
- Low Back Pressure
- High Density Durable Plastic End Caps

Materials of Construction

Corrosion Resistant Threaded End Cap	Nylon
Cover Cap	Plastic
Filter Elements –	
Primary	Borosilicate Cloth
Secondary	PVC Fiber
Oil Drain Cup	Plastic
Outer Support Sleeve	Plastic Mesh Screen



Dimensions

Models (Inches (mm))	Port Size	A	B	C	D	E	F
Standard Unit XMC-04-000	1/2	2.00 (51)	2.36 (60)	3.94 (100)	0.39 (10)	5.94 (150.9)	1.18 (30)
Standard Unit XMC-08-000	1	2.00 (51)	2.36 (60)	5.83 (148)	0.39 (10)	7.83 (198.9)	1.18 (30)
Standard Unit XMC-0B-000	1-1/2	3.00 (76)	3.42 (87)	8.19 (208)	0.42 (11)	11.19 (284)	— —

Exhaust Silencer / Mist Eliminator XMC

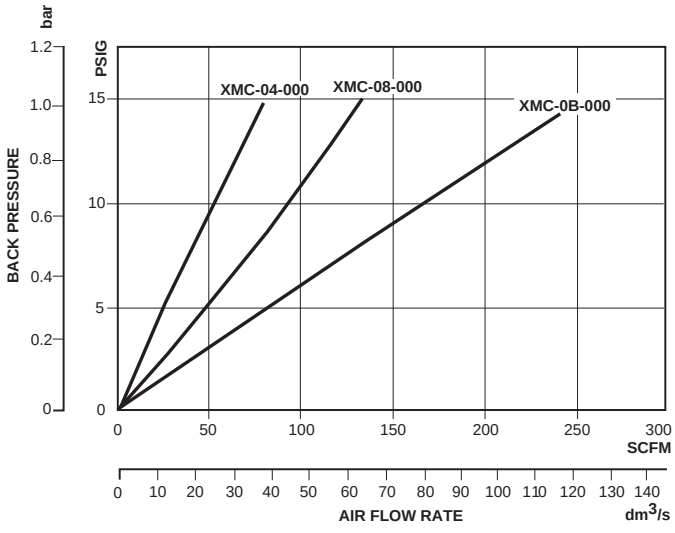
The XMC Series High Performance Exhaust Silencer / Mist Eliminator is an efficient solution to exhaust air oil mist contamination and excessive noise levels generated by exhaust air at levels generally above acceptable safety standards. The Wilkerson XMC Series Exhaust Silencer / Mist Eliminator solves the following two problems:

Oil and Mist Contamination

Exhaust air from various in-plant pneumatic components, such as valves and cylinders generally contain a significant amount of oil mists, as well as solid particles and other lubricant additives which will pollute the working environment, affect worker's health and the quality of the final product.

Operation

During unit operation, the XMC unit coalesces oil mists, which then collect into an integral drainage cup at the bottom of the element. Depending upon the volume of contamination exhausting into the unit, this may either be drained off periodically by removing the rubber drain plug cap and drain into a container, or continuously by connecting a suitable length of plastic tubing to the drain plug on the unit. The XMC is a disposable unit and should be changed when the back pressure becomes excessive for your particular installation.

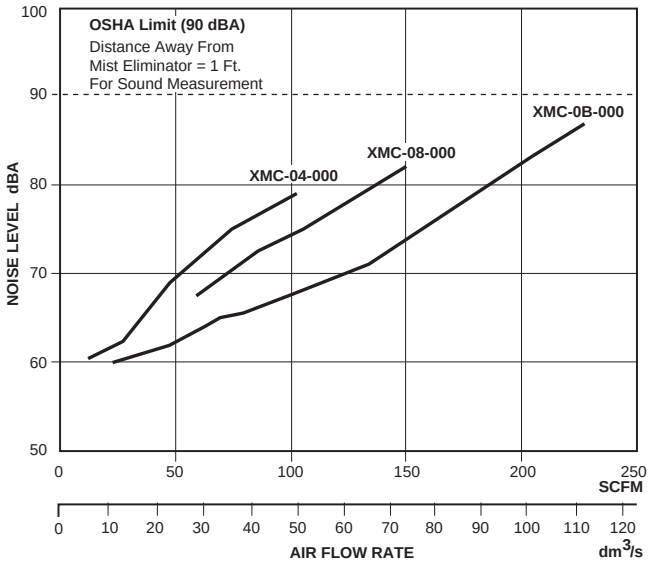


Back Pressure Chart

Unacceptable Noise Levels

The expanding exhaust air also produces both sudden and excessive noise, generally at levels well above the OSHA requirements of 90 decibels (dBA), which makes the working environment both unpleasant and potentially unsafe.

By using a Wilkerson XMC Series unit, oil mist and other contaminants inherent in lubricated air lines are removed thus preventing them from entering the atmosphere. At the same time, the noise level is reduced to meet and exceed the requirements of OSHA standards applicable to environmental conditions. The high performance XMC models remove up to 99.9% of the oil mist from the exhaust air, providing a clean, healthy work environment.



Noise Characteristics Chart

Installation

Wilkerson's XMC Exhaust Silencer / Mist Eliminators can be easily and quickly installed in the exhaust ports of pneumatic valves, air motors and other air operated devices to reduce work area noise and eliminate oil mist from exhaust air. Use of collective piping or manifold where multiple air devices are used makes for easy maintenance and control of oil mist collection and disposal. For manual draining, attach plastic tubing with an inside diameter of 0.25" (6.35 mm) and run tubing from the drain to the collecting container. When installed without plastic tubing, periodically remove rubber drain plug cap and manually drain unit into a proper disposable container.