

Mufflers and Silencers

Creating a healthier and safer working environment



Exhaust oil mist and noise pollution have a direct impact on worker productivity and their environment.

Parker Finite's Exhaust Coalescing Silencer (ECS) is 99.97% efficient at removing the oil aerosols. The ECS also acts as a silencer to lower the dBA levels to below the OSHA requirements.

The smaller, compact and less expensive sintered bronze mufflers along with our aluminum bodied mufflers are easy to install and maintain and are suitable where space is limited. They are widely used to reduce and muffle noise from the exhaust ports of air valves, air cylinders, and air tools. Rapidly expanding exhaust produces sudden and excessive noise. All of our mufflers and silencers reduce the noise to acceptable levels within OSHA requirements.

The result is a cleaner, quieter environment which equates to greater work productivity and safety.



Contact Information:

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Features & Benefits:

- **Workers will benefit from a better quality of life**
- **Provides a less stressful work environment**
- **Reduces noise pollution**
- **Max pressure from 100 psi g to 250 psi g**
- **Easy to install and maintain**
- **Low cost solution**
- **Compact in size**
- **ECS removes oil haze by capturing exhaust's oil content**
- **Connection sizes from 1/8" to 3" handle most flows**

Applications:

- **Air cylinders**
- **Air motors**
- **Air dryers**
- **Solenoid valves**
- **Compressors**
- **Air driven equipment/tools**
- **Hoists**



ENGINEERING YOUR SUCCESS.

Exhaust Coalescing Silencer (ECS)



General Description

The Exhaust Coalescing Silencer (ECS) is 99.97% efficient at removing oil aerosols. The ECS also acts as a silencer to lower the dBA level to below OSHA requirements. ECS units are constructed from the same materials that go into oil removal coalescing filter elements. Parker Finite's seamless UNI-CAST design ensures media uniformity and strength. This proven technology provides high coalescing efficiency with low pressure drops. The filter media is supported by cylindrical perforated galvanized steel retainers both inside and out. Sold individually (1) or in a box of six (6).

Model Number	Pipe Thread (NPT)	Overall Length	Hex Size
ECS-2 X _	1/2"	5-5/16"	1-5/8"
ECS-4 X _	1"	7-5/16"	1-5/8"

Maximum Operating Pressure.....100 psi g
 Operating Temperature.....35° to 125°F

EM Series - Sintered Bronze Muffler / Filters



General Description

EM Series muffler / filters effectively reduce air exhaust noises to an industry accepted level with minimum flow restriction. They protect valves, impact wrenches, screw drivers, and other air tools by preventing dirt and other foreign matter from entering the system. Non-corrosive. Can be cleaned with many common solvents. Sold individually.

Model Number	Pipe Thread (NPT)	Overall Length	Hex Size
EM12	1/8"	1"	7/16"
EM25	1/4"	1-5/16"	9/16"
EM37	3/8"	1-1/2"	11/16"
EM50	1/2"	1-7/8"	7/8"

Maximum Operating Pressure.....250 psi g (air)
 Operating Temperature.....35° to 300°F

ES Series - Silencer



General Description

ES Series silencers contain a long lasting stainless steel screen and a corrosive-resistant aluminum body that can provide superior performance in noise control and a minimum effect on air efficiency. Their slotted body permits a rapid discharge of air without undesirable back pressure. These low silhouette silencers fit directly into the exhaust ports of more than 90% of present commercial valves. Non-corrosive. Sold individually.

Model Number	Pipe Thread (NPT)	Overall Length	Hex Size
ES25MC	1/4"	1-7/8"	5/8"
ES37MC	3/8"	3-5/16"	1"
ES50MC	1/2"	3-5/16"	1"
ES75MC	3/4"	4-9/16"	1-5/8"

Maximum Operating Pressure.....250 psi g (air)
 Operating Temperature.....35° to 160°F

TP Series - Air Exhaust Muffler



General Description

These larger size TP Series mufflers reduce noise levels without restricting equipment performance. They are designed to diffuse and muffle air exhaust discharged from valve exhaust ports and reduce it to levels that promote a productive work environment. These units contain an expansion chamber along with a cellulose fiber element that work together to reduce work area noise. Sold individually.

Model Number	Pipe Thread (NPT)	Overall Length	Hex Size
TP4210-1	1"	8-3/4"	1-3/8"
TP4215-1	1-1/2"	13-1/2"	2"
TP4220-1	2"	18-7/8"	2-1/2"
TP4230-1	3"	23"	3-7/8"

Maximum Operating Pressure.....125 psi g
 Operating Temperature.....50° to 120°F