

PSU Type Pneumatic Muffler Silencer



Product Overview

The PSU type pneumatic muffler silencer reduces exhaust noise from pneumatic valves, cylinders, and compressed-air systems. Its compact threaded engineering-plastic body supports lightweight installation and stable airflow diffusion.

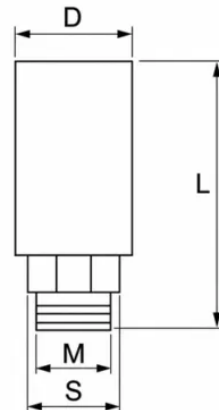
Key Features

- Compact PSU type threaded exhaust silencer.
- Lightweight engineering-plastic construction.
- Reduces noise from compressed-air exhaust discharge.
- Direct male-thread installation on exhaust ports.
- Stable airflow diffusion for pneumatic equipment.
- Multiple thread sizes from 1/8 inch to 1 inch.

Technical Specifications

Parameter	Specification
Product Type	Pneumatic Muffler Silencer
Model	PSU Type
Structure	Threaded Exhaust Silencer
Connection	Male Thread
Material	Engineering Plastic
Operating Fluid	Compressed Air
Function	Exhaust Noise Reduction
Working Pressure	0 - 1.0 MPa
Temperature Range	0 - 60 degrees C
Application	Pneumatic Valves / Cylinders / Air Systems

Model Selection and Dimensions



Thread Size (M)	L (mm)	S (mm)
1/8 inch	37	15
1/4 inch	65	17.5
3/8 inch	83	21
1/2 inch	93	22.5
3/4 inch	102	33
1 inch	102	32.5

Applications

- Pneumatic valves requiring quieter exhaust discharge.
- Air cylinders and general compressed-air systems.
- Industrial automation and production machinery.
- Machine installations requiring compact exhaust silencers.

Product Function

PSU silencers diffuse compressed-air exhaust internally to reduce operating noise and improve airflow discharge compared with an open exhaust port.

Selection and Installation

- Match the male thread size to the pneumatic exhaust port.
- Confirm pressure, temperature, airflow, and installation clearance.
- Install securely without over-tightening the plastic body.

Contact Information

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