

SILENCERS/RECLASSIFIERS

Ports: 1/2 to 1



1/2 Model

3/4 & 1 Model

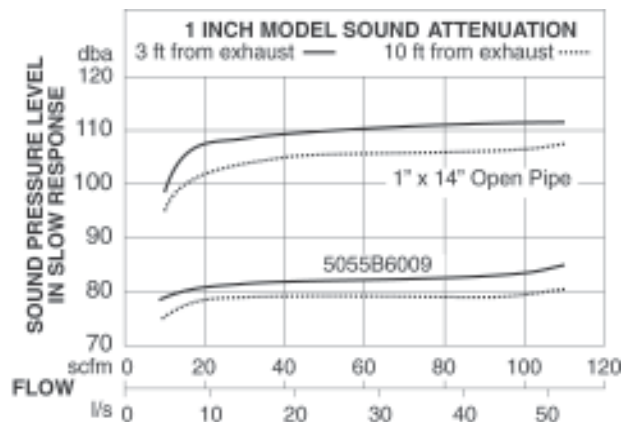
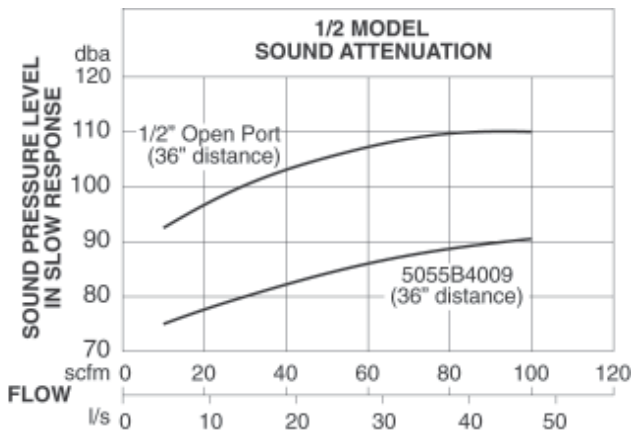
Silencer/reclassifiers are integral silencer and oil separation devices. When installed at the exhaust ports of pneumatic valves they reduce exhaust noise and capture lubricants contained in the exhausting air. They are used on valve-cylinder applications and on air tools with piped exhausts.

FEATURES:

- Exhaust noise is reduced to 80 to 85 dba under standard steady-state test conditions.
- Peak impact noise is reduced to 106 to 108 dba.
- Both a drain cock and a 1/8 tube fitting are supplied for the manual or automatic draining of accumulated liquids.
- NPTF port threads; optional BSPP threads.

SOUND ATTENUATION DATA

Constant-flow tests were conducted in a 14' x 22' room with a 14' ceiling. Sound pressure levels were recorded using a B & K precision impulse sound meter (model 22045), a 1-inch microphone (DB0375), a flexible extension rod (UA0196), and a random incidence corrector (UA0055). Test system as mounted on the 14-foot wall with exhaust port 4 feet from the 14-foot wall.



See back pressure performance data on the facing page.

STANDARD SPECIFICATIONS

Ambient/Media Temperature: 40° to 175°F (4° to 79°C).

Bowl: Polycarbonate plastic.

Element: Sintered bronze.

Fluid Media: Compressed air.

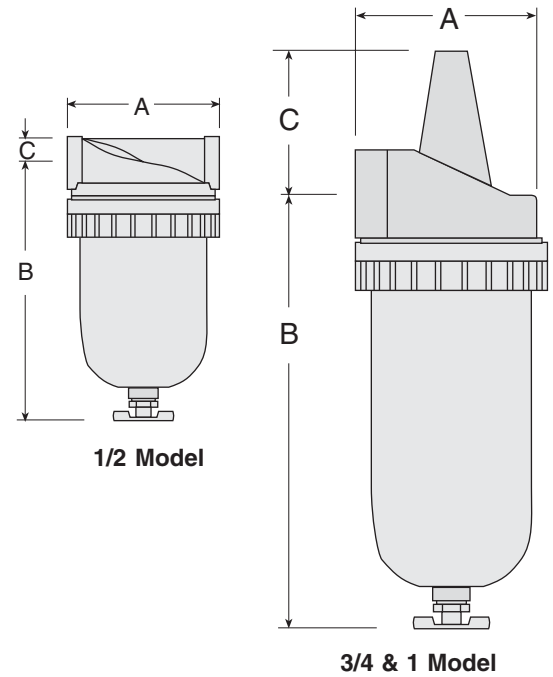
Inlet Pressure: 5 to 150 psig (0.3 to 10 bar) maximum.

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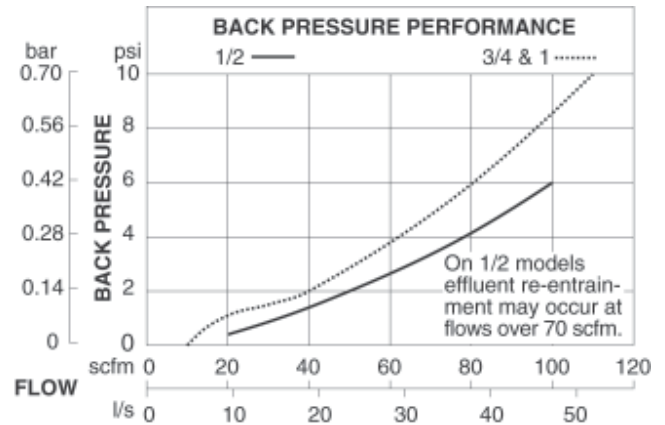
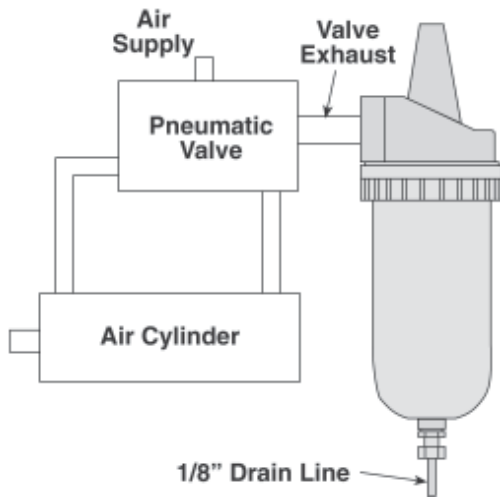
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DIMENSIONS inches (mm)

Port Size	Model Number	A	B	C	Depth	Weight lb (kg)
1/2	5055B4009	3.5 (89)	5.5 (140)	0.7 (18)	3.5 (89)	1.3 (0.59)
3/4	5055B5009	4.2 (107)	8.4 (213)	2.7 (69)	4.2 (107)	2.8 (1.27)
1	5055B6009	4.2 (107)	8.4 (213)	2.7 (69)	4.2 (107)	2.8 (1.27)



TYPICAL INSTALLATION IN A VALVE-CYLINDER CIRCUIT



Pipe Size

Model Numbers

1/2	5055B4009
3/4	5055B5009
1	5055B6009

NOTE: For BSPP threads, add the letter "C" in front of the part number.

REPLACEMENT FILTER ELEMENT KITS & BOWLS

Element Type	Kit Number
1/2 Model Standard 20 Micron	940K77
3/4-1 Model Standard 100 Micron	981K77
1/2 Model Bowl Kit	982K77
3/4-1 Model Bowl Kit	983K77

