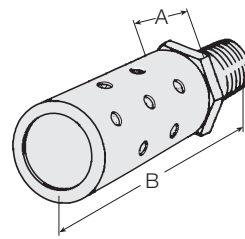


Mufflers - Silencers

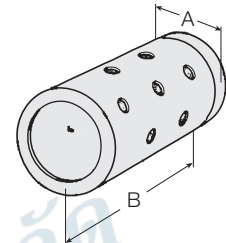
M200 and M201 Models Port Size: 1/8 to 2-1/2



Model Shown: M200-6



Male pipe threads
For ports 1/8 through 1-1/4



Female pipe threads
For ports 1-1/4 through 2-1/2



Model Shown: M201-16

Noise control solutions for air exhaust.

The muffler-silencers substantially reduce exhaust noise levels yet produce little back pressure. Typical impact noise reduction is in the 20-25 dB range.

DIMENSIONS

Port Size	NPT Threads	Avg. Cv	A Inches (mm)	B Inches (mm)	Weight lb (kg)
1/8	Male	2.0	0.8 (21)	2.2 (56)	0.3 (0.1)
1/4	Male	2.7	0.8 (21)	2.2 (56)	0.3 (0.1)
3/8	Male	3.2	0.8 (21)	2.2 (56)	0.3 (0.1)
3/8	Male	4.9	1.3 (32)	3.8 (96)	0.5 (0.2)
1/2	Male	5.9	1.3 (32)	3.8 (96)	0.5 (0.2)
3/4	Male	5.9	1.3 (32)	3.8 (96)	0.5 (0.2)
3/4	Male	13.5	2.0 (51)	5.6 (142)	1.5 (0.7)
1	Male	16.7	2.0 (51)	5.6 (142)	1.5 (0.7)
1-1/4	Male	17.4	2.0 (51)	5.6 (142)	1.5 (0.7)
1-1/4	Female	37	2.5 (64)	5.9 (149)	2.3 (1.0)
1-1/2	Female	37	2.5 (64)	5.9 (149)	2.3 (1.0)
2	Female	54	3.0 (77)	7.3 (185)	3.5 (1.6)
2-1/2	Female	65	4.0 (102)	6.9 (173)	3.5 (1.6)

ORDERING INFORMATION

Change the letters in the sample model number below to specify the Muffler you want.

M20 0-4 W

THREAD and PORT TYPE

- 1/8" Cv: 2.0 Male thread 0-1
- 1/4" Cv: 2.7 Male thread 0-2
- 3/8" Cv: 3.2 Male thread 0-3
- 3/8" Cv: 4.9 Male thread 0M-3
- 1/2" Cv: 5.9 Male thread 0-4
- 3/4" Cv: 5.9 Male thread 0-6
- 3/4" Cv: 13.5 Male thread 0M-6
- 1" Cv: 16.7 Male thread 0-8
- 1-1/4" Cv: 17.4 Male thread 0-10
- 1-1/4" Cv: 37 female thread 1-10
- 1-1/2" Cv: 37 female thread 1-12
- 2" Cv: 54 female thread 1-16
- 2-1/2" Cv: 65 female thread 1-20

PORT TYPE

- NPTF threads Leave blank
- BSP* threads W

* BSP threads on M201 and BSPT threads on M200 mufflers.



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845/3-4 Thepharak RD., T.Thepharak, A.Muang, Samutprakarn 10270 THAILAND
Tel. 0 2384 6060, Fax 0 2384 5701, Email : sales@flutech.co.th, www.flutech.co.th

Mufflers - Silencers Kits

A118-125 (M201) Models

Port Size: 1-1/2 to 2-1/2



Model Shown: A118-125-16

For dimensional specifications
see page 308.

ORDERING INFORMATION

Change the letters in the sample model number below to specify the Muffler you want.

A118-125- 16 W

THREAD and PORT TYPE

1-1/4" C _V : 37	10
1-1/2" C _V : 37	12
2" C _V : 54	16
2-1/2" C _V : 65	20

PORT TYPE

NPTF threads	Leave blank
BSPP threads	W

Mini Mufflers

M5 and M10 Models

Port Size: 1/8



M10-1

1/8" NPT brass body with
sintered bronze element



M5-1

1/8" NPT brass body with sintered
bronze element. Designed
to fit internally into 1/8" port



03982B

1/8" NPT to 1/4" NPT
reducer



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845/3-4 Thepharak RD., T.Thepharak, A.Muang, Samutprakarn 10270 THAILAND
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Silencer/Reclassifiers

RS and MRS Models

Port Size: 1/2 to 1



Model Shown: RS100-4

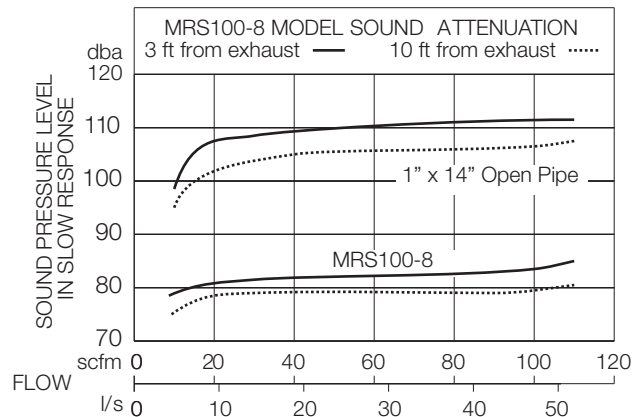
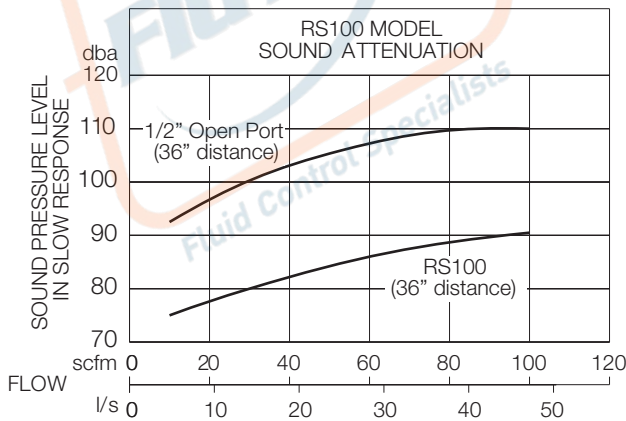
Model Shown: MRS100-8

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.

- ◆ 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.
- ◆ A drain cock is supplied for manual or automatic draining of accumulated liquids. An optional 1/8 tube fitting (00142W) is available for automatic draining.
- ◆ 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.



SPECIFICATIONS

Ambient/Media Temperature:

Plastic Bowls: 40° to 125°F (4° to 51°C).
RS Metal Bowls: 40° to 175°F (4° to 79°C).

Bowl: Polycarbonate plastic. Optional steel shatterguard

Element: Sintered bronze.

Fluid Media: Compressed air.

Inlet Pressure:

5 to 150 psig (0.3 to 10 bar) maximum.

See back pressure performance data on the facing page.

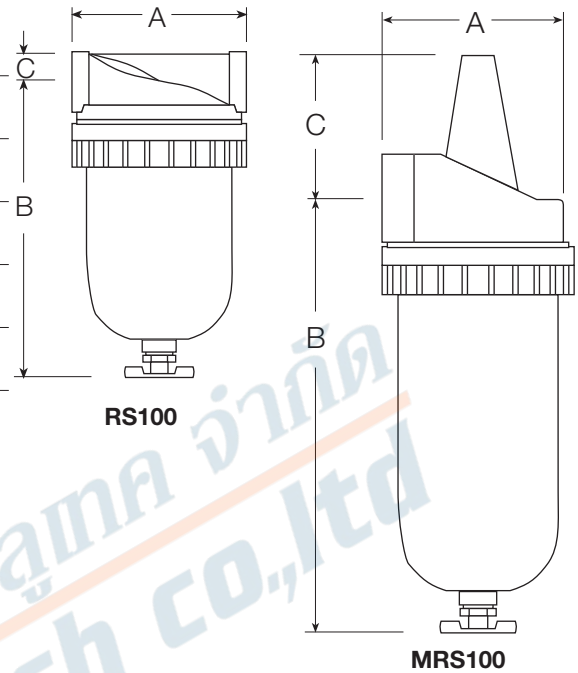


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845/3-4 Thepharak RD., T.Thepharak, A.Muang, Samutprakarn 10270 THAILAND
Tel. 0 2384 6060, Fax 0 2384 5701, Email : sales@flutech.co.th, www.flutech.co.th

DIMENSIONS inches (mm)

Port Size	Model Number	A	B	C	Depth	Weight lb (kg)
1/2	RS100-4	3.5 (89)	5.5 (140)	0.7 (18)	3.5 (89)	1.3 (0.59)
1/2	MRS100-4	4.2 (107)	8.4 (213)	2.7 (69)	4.2 (107)	2.8 (1.27)
3/4	MRS100-6	4.2 (107)	8.4 (213)	2.7 (69)	4.2 (107)	2.8 (1.27)
1	MRS100-8	4.2 (107)	8.4 (213)	2.7 (69)	4.2 (107)	2.8 (1.27)

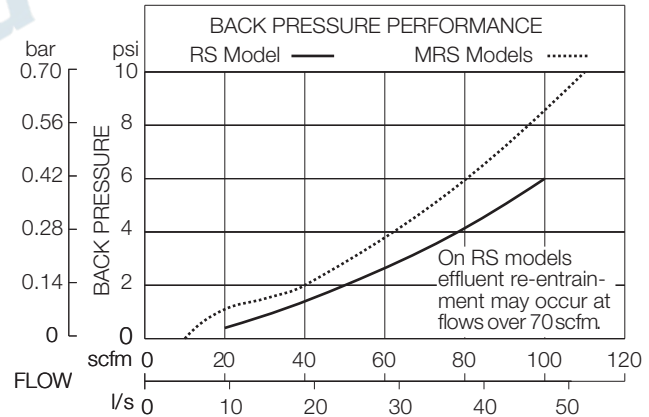
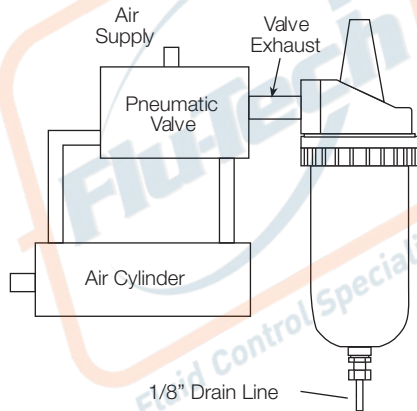


REPLACEMENT ELEMENT KITS

RS Models KA103-03E4

MRS ModelsKA109-32

TYPICAL INSTALLATION IN A VALVE-CYLINDER CIRCUIT



ORDERING INFORMATION

Change the letters in the sample model number below to specify the silencer/reclassifier you want.

B **RS** **100 - 4** **Y** **W**

BOWL TYPE
 Metal bowl..... B
 Plastic bowl..... Leave Blank

BOWL SIZE
 8-Ounce (240-ml) bowl..... RS
 16-Ounce (480-ml) bowl..... MRS

PORT SIZE
 1/2 NPTF..... 4
 3/4 NPTF (only with MRS bowl) 6
 1 NPTF (only with MRS bowl) 8

PORT TYPE
 NPTF threads Leave Blank
 BSPP threads W

OPTION
 None Leave Blank
 Bowl shatterguard SG



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