

HFTO-Series FANTO® mufflers are our newest addition for combating exhaust ports noise from air-operated equipment.

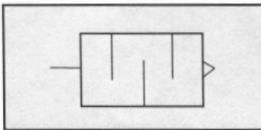
FANTO® mufflers utilize a 50 mesh, self-cleaning STAINLESS STEEL SCREEN in a strong, yet lightweight aluminum shell so they are completely corrosion-resistant. Large vent holes combined with precisely calculated layers of stainless steel screen to allow high airflow but effectively reduce the air exhaust noise level.

Their **ULTRA-SLIM** profile allows the FANTO® mufflers to be installed anywhere space is limited. Installation directly to the exhaust ports of pneumatic valves is possible without interference with other ports, since the overall body diameter is barely larger than the corresponding thread diameter.

Unit should be mounted in a protective position free from excessive vibration. Hand tighten to the device only.

Symbol

PATENTED



HOW TO ORDER

HFTO

Fanto Muffler

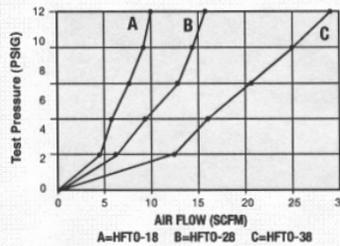
Connection

18=1/8", 28=1/4"
38=3/8", 48=1/2"
68=3/4", 88=1"

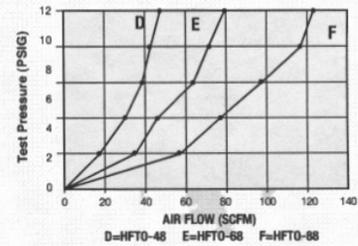
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FLOW CHARACTERISTICS - FANTO® MUFFLER

TEST PRESSURE VS AIR FLOW
HFTO-18, HFTO-28, HFTO-38



TEST PRESSURE VS AIR FLOW
HFTO-48, HFTO-68, HFTO-88



* All tests are performed by Consolidated Laboratories, Inc.

SPECIFICATIONS

ITEM	MODEL	HFTO-18	HFTO-28	HFTO-38	HFTO-48	HFTO-68	HFTO-88
CONNECTION	NPT	1/8"	1/4"	3/8"	1/2"	3/4"	1"
OVERALL LENGTH	IN.	1-7/16"	1-51/64"	2-19/64"	2-25/32"	3-3/16"	3-57/64"
HEX	IN.	7/16"	9/16"	11/16"	7/8"	1-1/16"	1-5/16"
MATERIAL	BODY	ALUMINUM					
	ELEMENT	50 MESH STAINLESS STEEL SCREEN					
MAX OPERATING PRESSURE		300 PSI (21.1 kg / cm ²)					
OPERATING TEMPERATURE		35°F TO 160°F (1.6°C TO 70°C)					
WEIGHT (APPROX.)	Oz.	0.25	0.50	0.90	1.55	2.25	4.20
UNIT PACK	EA.	10	10	5	5	1	1

SOUND CHARACTERISTICS - FANTO® MUFFLER

BACK PRESSURE (PSIG)	HFTO-18		HFTO-28		HFTO-38		HFTO-48		HFTO-68		HFTO-88	
	FLOW (SCFM)	db										
2	4.25	73.0	5.97	70.0	12.36	71.5	18.12	70.0	34.11	82.0	55.75	85.5
4	5.86	78.0	9.47	76.5	15.79	77.0	30.45	74.5	43.37	84.5	75.57	86.0
6	7.40	81.5	12.10	80.0	20.17	80.5	35.61	77.0	62.08	84.5	97.69	86.0
8	8.70	83.5	14.20	82.0	24.86	83.5	42.26	78.0	70.85	85.5	115.59	86.5
10	10.10	86.5	16.00	83.5	28.51	86.0	47.95	80.0	80.61	88.0	127.00	85.5

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HFSPA-Series mufflers is our new FANTO® muffler fitted with an external flow adjustment screw.



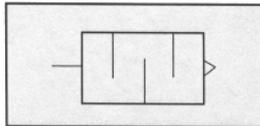
With all features of the FANTO® muffler retained, we added an adjustment screw with a **PATENTED** contour **BULLET** head; its aerodynamically shaped profile allows the smoothest airflow possible. It can accurately varies orifice opening form eh closed to full flow as required and the final position can be locked by the lock nut. It cannot be accidentally tampered with, removed or blown out. Complete adjustment assembly is nickel plated for corrosion resistance.

With its impressive high airflow design, corrosion-resistant constructin and lightweight aluminum body, the **ULTRA-SLIM** HFSPA-Series can withstand continuous heavy-duty use under the most demanding conditions.

Unit should be mounted in a protective position free from excessive vibration. Hand tighten to the device only.

PATENTED

Symbol



HOW TO ORDER

HFSPA

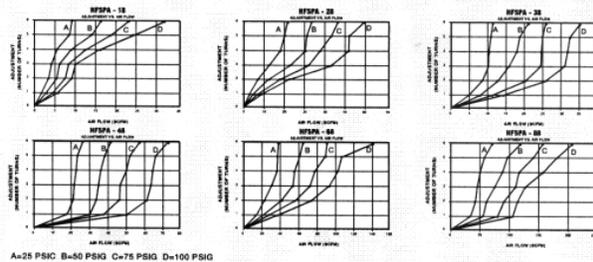
Speed Control Fanto® Muffler

Connection
18=1/8", 28=1/4"
38=3/8", 48=1/2"
68=3/4", 88=1"

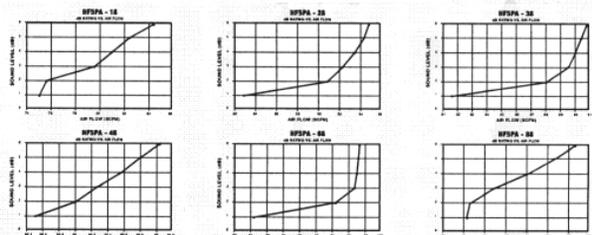
SPECIFICATIONS

ITEM	MODEL	HFSPA-18	HFSPA-28	HFSPA-38	HFSPA-48	HFSPA-68	HFSPA-88
CONNECTION	NPT	1/8"	1/4"	3/8"	1/2"	3/4"	1"
MAX ADJUSTMENT FLOW	SCFM	32	60	80	100	140	220
APPROX HEIGHT (FULL OPEN)	IN.	1-1/2"	2-61/64"	3-25/32"	4-53/64"	5-1/2"	6-21/32"
HEX	IN.	7/16"	9/16"	11/16"	7/8"	1-1/16"	1-5/16"
MATERIAL	BODY	ALUMINUM					
	ELEMENT	50 MESH STAINLESS STEEL SCREEN					
MAX OPERATING PRESSURE		300 PSI (21.1 kg / cm ²)					
OPERATING TEMPERATURE		35°F TO 160°F (1.6°C to 70°C)					
WEIGHT (APPROX.)	Oz.	0.35	0.80	1.40	3.15	4.75	7.65
UNIT PACK	EA.	10	10	5	5	1	1

**FLOW CHARACTERISTICS
SPEED CONTROL FANTO® MUFFLER**



**SOUND CHARACTERISTICS
SPEED CONTROL FANTO® MUFFLER**



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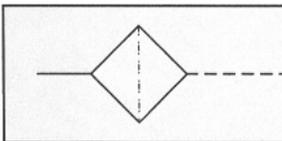
* All tests are performed by Consolidated Laboratories, Inc.

- SPG3 & SPG5 = Shatterproof Glass Lens - 3" & 5"
- DUCT = Aluminum Duct Flange
- AP5 = 5" Acrylic lens
- BG3 & BG\$ & BG5 = Glycerin Filling - 3" & 4" & 5"





Symbol



Low profile breather vents have many applications. They are most often used on single acting cylinders or valves to prevent dirt and foreign particles from entering ports open to the atmosphere. Common uses can also be found on vacuum relief or pressure equalization for gear boxes, crank cases, storage tanks or other vessels whenever pressure equalization is required.

Supplied with standard male pipe threads, they can be installed, with little protrusion, as a flat integral part of the equipment. Unit should be mounted in a protective position free from excessive vibration. Use wrench on hex head to tighten unit to the device. Standard unit contains a 40 micron element, and 10 or 90 micron units are available on special order.

SPECIFICATIONS

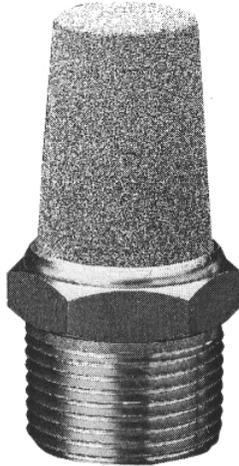
ITEM	MODEL	BV-SAE#4	BV-SAE#6	BV-SAE#8
CONNECTION	SAE	7/16"-20	9/16"-18	3/4"-16
OVERALL LENGTH		3/4"	13/16"	15/16"
HEX		9/16"	11/16"	7/8"
MATERIAL	BODY	BRASS		
	MATERIAL	SINTERED BRONZE		
MAX OPERATING PRESSURE		150 PSI		
OPERATING TEMPERATURE		35°F TO 300°F (1.6°C to 149°C)		
WEIGHT (APPROX.)	Oz.	0.42	0.71	1.18
UNIT PACK	EA.	50	50	50

SPECIFICATIONS

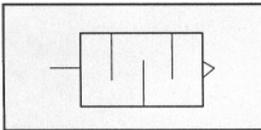
ITEM	MODEL	ASP-1032BV	ASP-01BV	ASP-02BV	ASP-03BV	ASP-04BV	ASP-06BV	ASP-08BV	ASP-10BV	ASP-12BV
CONNECTION	NPT	10-32NF	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"
OVERALL LENGTH	IN.	23/64"	1/2"	11/16"	27/32"	61/64"	1-7/64"	1-11/32"	1-9/16"	1-5/8"
HEX	IN.	5/16"	7/16"	9/16"	11/16"	7/8"	1-9/64"	1-11/32"	1-3/4"	2"
MATERIAL	BODY	BRASS								
	ELEMENT	SINTERED BRONZE (40 micron Standard, 10 or 90 micron available)								
MAX OPERATING PRESSURE		300 PSI (21.1 kg / cm ²)								
OPERATING TEMPERATURE		35°F TO 300°F (1.6°C to 149°C)								
WEIGHT (APPROX.)	Oz.	0.07	0.19	0.39	0.70	1.17	1.84	3.31	7.25	9.05
UNIT PACK	EA.	10	10	10	10	10	5	1	1	1

* SUPPLY WITH GASKET.





Symbol



Mufflers utilize porous sintered bronze filter element secured to BRASS pipe fittings. These compact and inexpensive mufflers are furnished with standard male pipe thread connections, they are easy to install and maintain, particularly suitable where space is limited. They are used to diffuse air and muffle noise from the exhaust ports of air valves, air cylinders and air tools to an acceptable level within OSHA noise requirements.

Mufflers can also be used as filters for gasoline, oil and air exhaust and intake filtering; coalescing of oil mist or water vapor, etc.; cryogenic phase separation; pressure of vacuum equalization and many others.

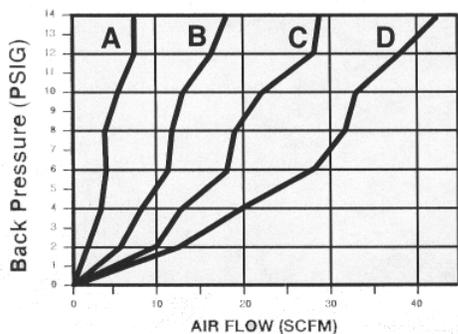
Unit should be mounted in a protective position free from excessive vibration. Use wrench on hex head to tighten unit to the device. Standard unit contains a 40 micron element, and 10 or 90 micron units are available on special order.

SPECIFICATIONS

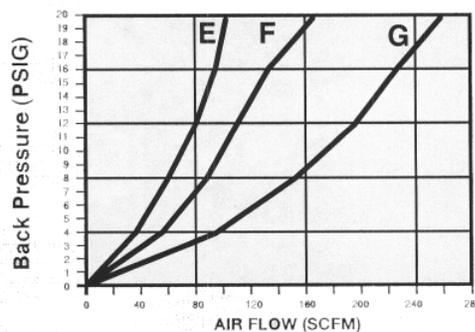
ITEM	MODEL	ASP-1032	ASP-01	ASP-02	ASP-03	ASP-04	ASP-06	ASP-08	ASP-10	ASP-12
CONNECTION	NPT	10-32NF	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"
OVERALL LENGTH	IN.	3/4"	29/32"	1-5/16"	1-9/16"	1-7/8"	2-9/32"	2-7/8"	3-7/16"	4"
HEX	IN.	5/16"	7/16"	9/16"	11/16"	7/8"	1-9/64"	1-11/32"	1-3/4"	2"
MATERIAL	BODY	BRASS								
	ELEMENT	SINTERED BRONZE (40 micron Standard, 10 or 90 micron available)								
MAX OPERATING PRESSURE		300 PSI (21.1 kg / cm ²)								
OPERATING TEMPERATURE		35°F TO 300°F (1.6°C to 149°C)								
WEIGHT (APPROX.)	Oz.	0.16	0.26	0.56	0.93	1.47	2.96	4.16	9.50	13.75
UNIT PACK	EA.	10	10	10	10	5	1	1	1	1

* SUPPLY WITH GASKET.

FLOW CHARACTERISTICS - PNEUMATIC EXHAUST MUFFLER



A: BM-08
B: BM-18
C: BM-28
D: BM-38



E: BM-48
F: BM-68
G: BM-88

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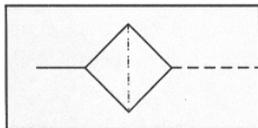
Series low profile breather vents are constructed with 300-Series stainless steel materials, they are resistant to atmospheric corrosion, foodstuffs, sterilizing solutions, many organic chemicals, dyestuffs and wide variety of inorganic chemicals.



Series compact breather vents are furnished with standard male pipe thread connections, they are often used on single acting stainless steel cylinders or valves to prevent dirt and foreign particles from entering port open to the atmosphere. Other common uses can also be found on vacuum relief or pressure equalization for gearboxes, crank cases, storage tanks or other vessels whenever pressure equalization is required.

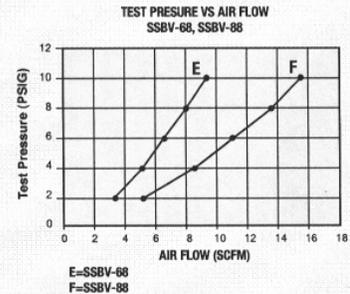
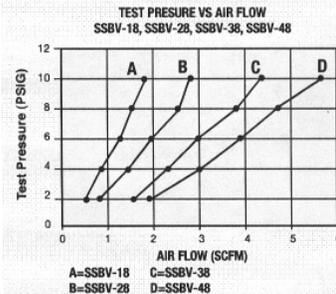
Unit should be mounted in a protective position free from excessive vibration. Use wrench on hex head to tighten unit to the device. All units contains 70-micron filter element.

Symbol



FLOW CHARACTERISTICS - S.S. BREATHER VENT

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SPECIFICATIONS

ITEM	MODEL	ASP-01BVSS	ASP-02BVSS	ASP-03BVSS	ASP-04BVSS	ASP-06BVSS	ASP-08BVSS
CONNECTION	NPT	1/8"	1/4"	3/8"	1/2"	3/4"	1"
OVERALL LENGTH	IN.	19/32"	49/64"	29/32"	1-1/32"	1-11/64"	1-1/4"
HEX	IN.	1/2"	5/8"	3/4"	15/16"	1-1/8"	1-1/2"
MATERIAL	BODY	303 GRADE STAINLESS STEEL					
	ELEMENT	316 GRADE STAINLESS STEEL (70um)					
MAX OPERATING PRESSURE		150 PSI (10.55 kg / cm ²)					
OPERATING TEMPERATURE		35°F TO 392°F (1.6°C to 200°C)					
WEIGHT APPROX.	Oz.	0.27	0.54	0.81	1.36	2.11	3.31
UNIT PACK	EA.	5	5	2	2	1	1

SOUND CHARACTERISTICS - STAINLESS STEEL EXHAUST MUFFLER

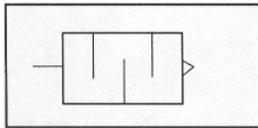
BACK PRESSURE (PSIG)	SSBV-18		SSBV-28		SSBV-38		SSBV-48		SSBV-68		SSBV-88	
	FLOW (SCFM)	db										
2	0.6	60.0	0.9	60.0	1.5	60.0	1.9	62.0	3.3	60.0	5.0	60.0
4	0.9	60.0	1.5	60.0	2.4	60.5	3.0	62.5	5.0	61.5	8.5	61.0
6	1.2	60.0	2.0	60.0	3.0	61.0	3.9	64.0	6.6	62.0	11.0	61.5
8	1.5	60.0	2.4	60.5	3.7	61.5	4.8	64.5	7.9	63.5	13.5	62.0
10	1.8	60.0	2.7	60.5	4.4	62.5	5.7	65.0	9.3	65.0	15.5	62.0

* All tests are performed by Consolidated Laboratories, Inc.





Symbol



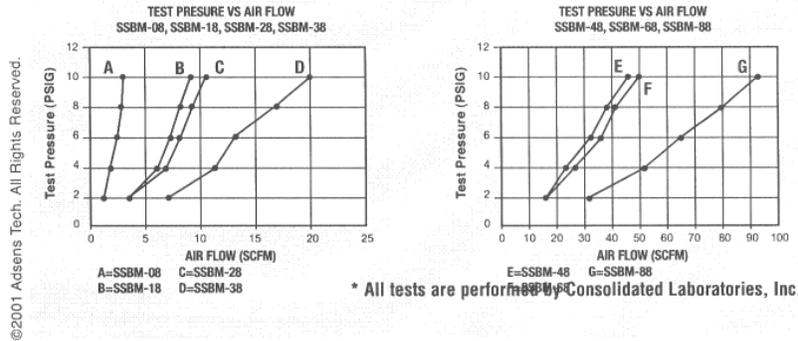
Mufflers are constructed with 300-Series stainless steel material, they are resistant to atmospheric corrosion, foodstuffs, sterilizing solutions, many organic chemicals, dyestuffs and wide variety of inorganic chemicals

These compact mufflers are furnished with standard male pipe thread connection, they are easy to install and maintain, particularly suitable for confined area. They are used to diffuse air and muffle noise from the exhaust ports of air valves, air cylinders and air tools to an acceptable level within OSHA noise requirement.

Mufflers can also be used as filters for gasoline, various chemical solutions, oil and air exhaust and intake filtering, coalescing of oil mist or water vapor, etc.; cryogenic phase separation; pressure of vacuum equalization and many others.

Unit should be mounted in a protective position free from excessive vibration. Use wrench on hex head to tighten unit to the device. All units contains 70-micron filter element.

FLOW CHARACTERISTICS - S.S. EXHAUST MUFFLER



SPECIFICATIONS

ITEM	MODEL	ASP-1032SS	ASP-01SS	ASP-02SS	ASP-03SS	ASP-04SS	ASP-06SS	ASP-08SS
CONNECTION	NPT	10-32 NF	1/8"	1/4"	3/8"	1/2"	3/4"	1"
OVERALL LENGTH	IN.	23/32"	1-3/32"	1-3/8"	1-7/8"	2-1/4"	2-51/64"	3-11/64"
HEX	IN.	5/16"	1/2"	5/8"	3/4"	15/16"	1-1/8"	1-1/2"
MATERIAL	BODY	303 GRADE STAINLESS STEEL						
	ELEMENT	316 GRADE STAINLESS STEEL (70 um)						
MAX OPERATING PRESSURE		300 PSI (21.1 kg / cm ²)						
OPERATING TEMPERATURE		35°F TO 392°F (1.6°C to 200°C)						
WEIGHT (APPROX.)	Oz.	0.13	0.44	0.83	1.34	2.13	3.72	6.32
UNIT PACK	EA.	5	5	5	2	2	1	1

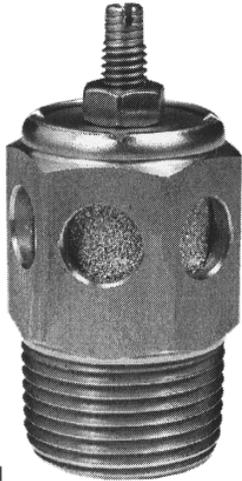
SOUND CHARACTERISTICS - STAINLESS STEEL EXHAUST MUFFLER

BACK PRESSURE (PSIG)	SSBM-08			SSBM-18		SSBM-28		SSBM-38		SSBM-48		SSBM-68		SSBM-88	
	FLOW (SCFM)	db		FLOW (SCFM)	db										
2	0.9	60.0		3.4	60.0	3.4	60.5	7.0	60.0	15.0	60.0	15.0	64.0	31.0	68.0
4	1.2	60.0		5.2	60.5	5.4	61.5	11.0	60.5	24.0	62.0	25.0	65.0	51.0	75.0
6	1.7	60.0		6.8	61.0	7.1	62.0	13.0	61.0	31.0	63.5	32.0	66.0	65.0	79.0
8	1.9	60.0		8.1	61.5	8.7	62.5	17.0	62.0	38.5	65.5	40.0	67.0	79.5	81.0
10	2.2	60.0		9.5	62.0	10.4	63.0	20.0	62.5	45.0	67.0	50.0	67.5	93.0	82.5

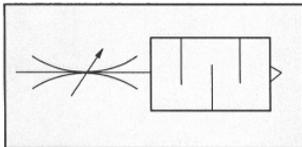
* All tests are performed by Consolidated Laboratories, Inc.

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Symbol



SSSCM-Series stainless muffler with speed control provides infinite variation of control airflow at an acceptable sound level on the exhaust ports of air valves or single acting cylinder with complete safety. They are constructed with 300-Series stainless steel materials, therefore they are resistant to atmospheric corrosion, foodstuffs, sterilizing solutions, many organic chemicals, dyestuffs and wide variety of inorganic chemicals.

An external adjustment screw accurately varies orifice opening from closed to full flow as required. The final position can then be lock in place by the lock nut. The surrounding sleeve of stainless steel element reduces exhaust air noise. And it is protected by the integral stainless steel shroud/cage.

Unit should be mounted in a protective position free from excessive vibration. Use wrench on hex head to tighten unit to the device. All units contains 70-micron filter element.

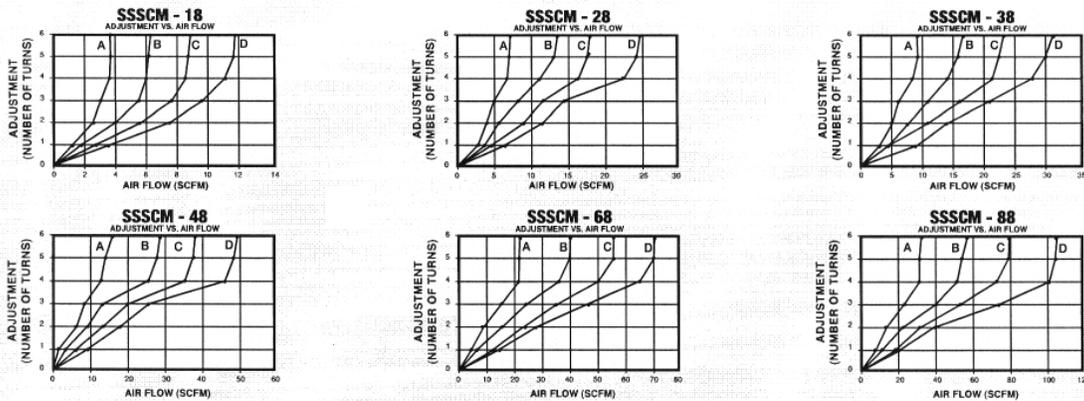
**HOW TO ORDER
SSSCM**

Stainless Steel	Connection
Speed Control Muffler	18=1/8" 28=1/4" 38=3/8" 48=1/2" 68=3/4" 88=1"

SPECIFICATIONS

ITEM	MODEL	SSSCM-18	SSSCM-28	SSSCM-38	SSSCM-48	SSSCM-68	SSSCM-88
CONNECTION	NPT	1/8"	1/4"	3/8"	1/2"	3/4"	1"
OVERALL LENGTH	IN.	1-17/32"	1-59/64"	2-1/16"	2-25/64"	2-27/32"	3-1/16"
HEX	IN.	1/2"	9/16"	11/16"	7/8"	1-1/16"	1-3/8"
MATERIAL	BODY	303 GRADE STAINLESS STEEL					
	ELEMENT	316 GRADE STAINLESS STEEL (70um)					
MAX OPERATING PRESSURE		300 PSI (21.1 kg / cm ²)					
OPERATING TEMPERATURE		35°F TO 392°F (1.6°C to 200°C)					
WEIGHT APPROX.	Oz.	0.63	1.03	1.63	2.91	4.85	7.81
UNIT PACK	EA.	5	5	2	2	1	1

FLOW CHARACTERISTICS VS ADJUSTMENT - STAINLESS STEEL SPEED CONTROL MUFFLER



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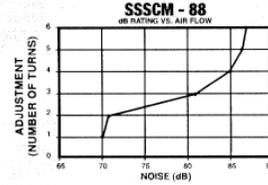
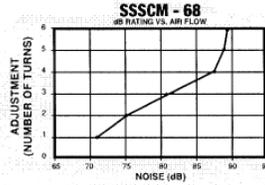
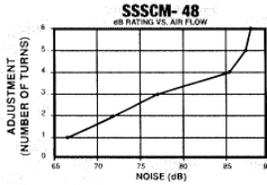
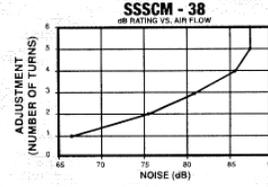
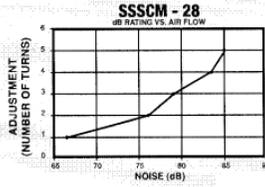
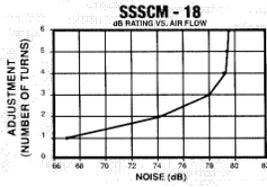
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* All tests are performed by Consolidated Laboratories, Inc.

Pneumatic Accessories

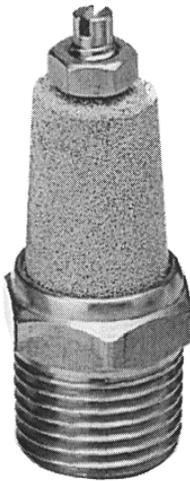
SOUND CHARACTERISTICS VS ADJUSTMENT - STAINLESS STEEL SPEED CONTROL MUFFLER

INLET PRESSURE=100 PSIG



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SPBM MUFFLER WITH FLOW ADJUSTMENT

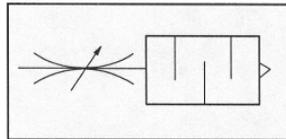


SPBM-Series muffer utilizes our very popular BM-Series muffer modified to fit with an external flow adjustment screw.

The external flow adjustment screw accurately varies orifice opening from closed to full flow as required. The final position is then lock in place by the lock nut.

Unit should be mounted in a protective position free from excessive vibration. Use wrench on hex head to tighten unit to the device. All units contains 40-micron filter element.

Symbol



HOW TO ORDER

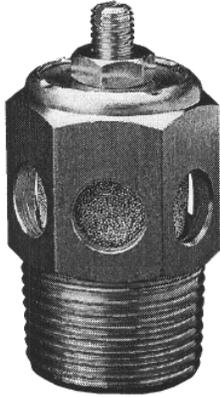
SPBM —

Speed Control BM Connection
 18=1/8",
 28=3/16",
 38=3/8", 48=1/2"

SPECIFICATIONS

ITEM	MODEL	SPBM-18	SPBM-28	SPBM-38	SPBM-48
CONNECTION	NPT	1/8"	1/4"	3/8"	1/2"
OVERALL LENGTH	IN.	1-37/64"	2-3/32"	2-33/64"	3-1/32"
HEX	IN.	7/16"	9/16"	11/16"	7/8"
MATERIAL	BODY	BRASS			
	ELEMENT	SINTERED BRONZE (40 micron)			
MAX OPERATING PRESSURE		300 PSI (21.1 kg / cm ²)			
OPERATING TEMPERATURE		35°F TO 300°F (1.6°C to 149°C)			
WEIGHT APPROX.	Oz.	0.40	0.80	1.52	2.48
UNIT PACK	EA.	5	5	5	5





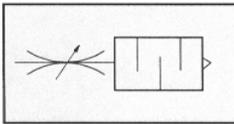
SCM-Series muffler with speed control provides infinite variation of control of air flow at an acceptable sound level on the exhaust ports of air valves with complete safety.

An external adjustment screw accurately varies orifice opening from closed to full flow as required. The final position is then locked in place by the lock nut. Objectionable exhaust air noise is eliminated by the surrounding sleeve of sintered bronze.

SCM-Series mufflers feature complete safety in operation. The sintered bronze sleeve is held security in position and protected by an integral shroud.

Standard pipe thread connections provide easy attachment to equipment. Unit should be mounted in a protective position free from excessive vibration. Use wrench on hex head to tighten unit to the device. Standard unit contains a 40 micron element.

Symbol



HOW TO ORDER

SCM —

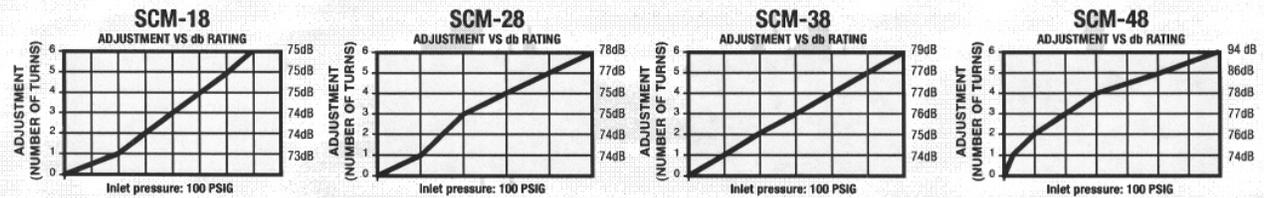
Speed Control Muffler Connection None=NPT (Inch)
 18=1/8", 28=1/4" P = BSPT (Metric)
 38=3/8", 48=1/2"
 68=3/4", 88=1"

SPECIFICATIONS

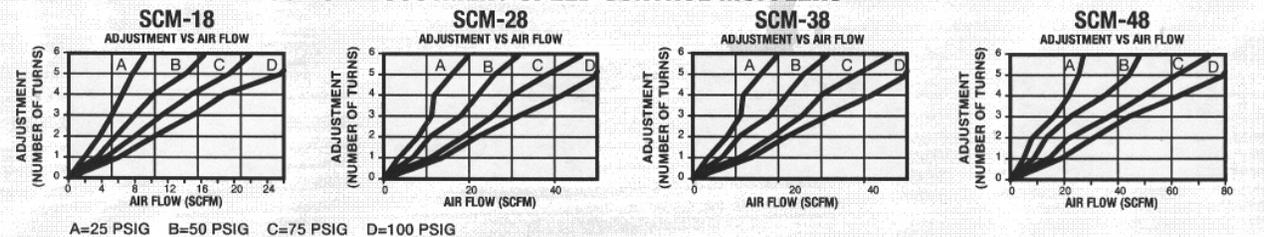
ITEM	MODEL	SCM-18	SCM-28	SCM-38	SCM-48	SCM-68	SCM-88
CONNECTION	NPT	1/8"	1/4"	3/8"	1/2"	3/4"	1"
MAX. ADJUSTMENT FLOW	SCFM	30	50	70	100	130	160
APPROX. HEIGHT (FULL OPEN)	IN.	1-1/2"	1-11/16"	1-11/16"	2"	2-3/4"	3"
HEX	IN.	1/2"	9/16"	11/16"	7/8"	1-7/64"	1-11/32"
MATERIAL	BODY	BRASS					
	ELEMENT	SINTERED BRONZE (40 micron)					
MAX OPERATING PRESSURE		300 PSI (21.1 kg / cm ²)					
OPERATING TEMPERATURE		35°F TO 300°F (1.6°C to 149°C)					
WEIGHT APPROX.	Oz.	0.65	1.12	1.73	2.95	4.72	7.57
UNIT PACK	EA.	10	10	10	5	1	1

SOUND CHARACTERISTICS VS. ADJUSTMENT - SPEED CONTROL MUFFLER

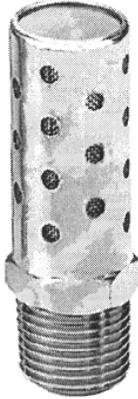
INLET PRESSURE=100 PSIG



FLOW CHARACTERISTICS VS. ADJUSTMENT-SPEED CONTROL MUFFLERS



* All tests are performed by Consolidated Laboratories, Inc.

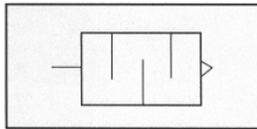


HFSM-Series steel mufflers utilize a 50 mesh, self-cleaning STAINLESS STEEL SCREEN in a tough steel shell to withstand shock and continuous heavy duty use in all applications.

Designed with evenly distributed small holes around the steel shell, exhaust air quietly disperses over a 360 degree pattern without restrict much air flow. Their SLIM profile allows them to be installed anywhere space is limited. Installation directly to the exhaust ports of pneumatic valves, or closely spaced manifold ports is possible without interference with other ports.

Unit should be mounted in a protective position free from excessive vibration. Use wrench on hex head to tighten unit to the device. Standard unit contains a 40 micron element, and 10 or 90 micron units are available on special order.

Symbol



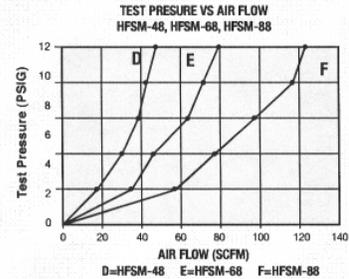
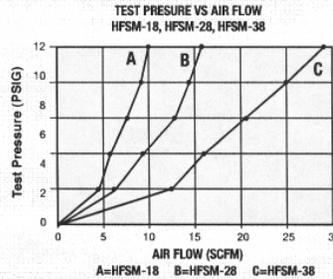
HOW TO ORDER

HFSM

High Flow Steel Muffler

Connection (NPT)
18=1/8", 28=1/4"
38=3/8", 48=1/2"
68=3/4", 88=1"

FLOW CHARACTERISTICS - HIGH FLOW STEEL MUFFLER



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* All tests are performed by Consolidated Laboratories, Inc.

SPECIFICATIONS

ITEM	MODEL	HFSM-18	HFSM-28	HFSM-38	HFSM-48	HFSM-68	HFSM-88
CONNECTION	NPT	1/8"	1/4"	3/8"	1/2"	3/4"	1"
OVERALL LENGTH	IN.	1-3/8"	1-3/4"	2-1/4"	2-3/4"	3-1/4"	3-7/8"
HEX	IN.	7/16"	9/16"	11/16"	7/8"	1-1/16"	1-5/16"
MATERIAL	BODY	STEEL					
	ELEMENT	50 MESH STAINLESS STEEL SCREEN					
MAX OPERATING PRESSURE		300 PSI (21.1 kg / cm ²)					
OPERATING TEMPERATURE		35°F TO 160°F (1.6°C to 70°C)					
WEIGHT (APPROX.)	Oz.	0.25	0.50	0.90	1.55	2.25	4.20
UNIT PACK	EA.	10	10	5	5	1	1

SOUND CHARACTERISTICS - STEEL MUFFLER

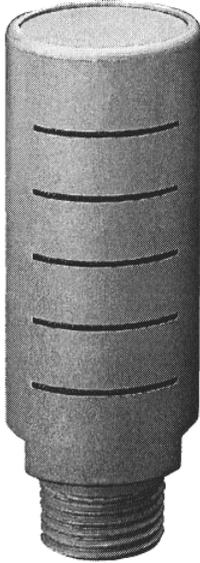
BACK PRESSURE (PSIG)	HFSM-18		HFSM-28		HFSM-38		HFSM-48		HFSM-68		HFSM-88	
	FLOW (SCFM)	db										
2	4.25	73.0	5.97	70.0	12.36	71.5	18.12	70.0	34.11	82.0	55.75	85.5
4	5.86	78.0	9.47	76.5	15.79	77.0	30.45	74.5	43.37	84.5	75.57	86.0
6	7.40	81.5	12.10	80.0	20.17	80.5	35.61	77.0	62.08	84.5	97.69	86.0
8	8.70	83.5	14.20	82.0	24.86	83.5	42.26	78.0	70.85	85.5	115.59	86.5
10	10.10	86.5	16.00	83.5	28.51	86.0	47.95	80.0	80.61	88.0	127.00	85.5

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ALUMINUM BODY

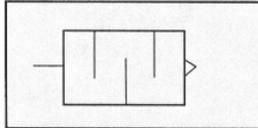


High flow muffler features a 50 mesh, self-cleaning STAINLESS STEEL SCREEN, and combined with corrosion-resistant aluminum shell to create a highly efficient, ultra-quiet muffler designed with minimal back pressure.

When installed on the exhaust ports pneumatic valves of manifolds, the aluminum body mufflers provides a quick and inexpensive way to reduce work area noise while preventing contamination from entering into the inside of the pneumatic valves.

Unit should be mounted in a protective position free from excessive vibration. Use wrench on hex head to tighten unit to the device.

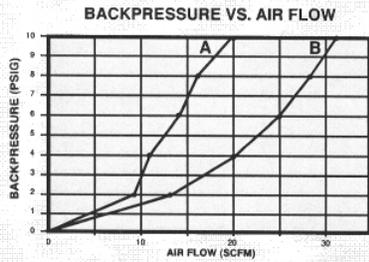
Symbol



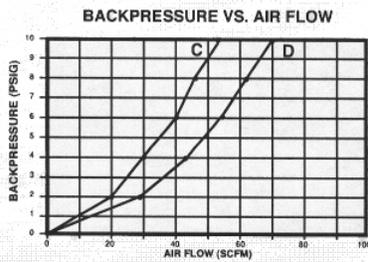
SPECIFICATIONS

ITEM	MODEL	MHM-01	MHM-02	MHM-03	MHM-04	MHM-06	MHM-08
CONNECTION	NPT	1/8"	1/4"	3/8"	1/2"	3/4"	1"
OVERALL LENGTH	IN.	1 13/16"	1 13/16"	3 19/64"	3 19/64"	4 9/16"	4 5/8"
FLATS	IN.	5/8"	9/16"	1"	1"	1 1/8"	1 5/8"
MATERIAL	BODY	ALUMINUM					
	ELEMENT	50 MESH STAINLESS STEEL SCREEN					
MAX OPERATING PRESSURE		300 PSI (21.1 kg/cm ²)					
OPERATING TEMPERATURE		35°F TO 160°F (1.6°C to 70°C)					
WEIGHT (APPROX.)	Oz.	0.52	0.52	1.81	1.83	5.2	5.52
UNIT PACK	EA.	5	5	5	5	1	1

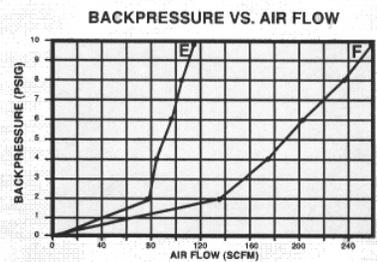
FLOW CHARACTERISTICS



A = HFMA-18 / HFMP-18
B = HFMA-28 / HFMP-28



C = HFMA-38 / HFMP-38
D = HFMA-48 / HFMP-48



E = HFMA-68
F = HFMA-88

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PLASTIC BODY

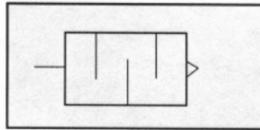


Built with the same concepts as our popular HFMA-Series but more affordable, our HFMP-Series utilize glass-filled nylon housing which is ultrasonically welded for maximum strength.

Both HFMA and HFMP Series offers greater flow with less pressure drop than the BM-Series, while lowering noise levels. Please refer to the sound and flow characteristics charts listed below for more information.

Unit should be mounted in a protective position free from excessive vibration. Hand tighten to the device only.

Symbol



HOW TO ORDER

HFMP

High Flow Muffler
Plastic Body

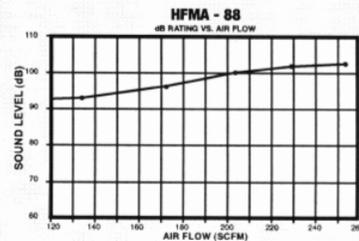
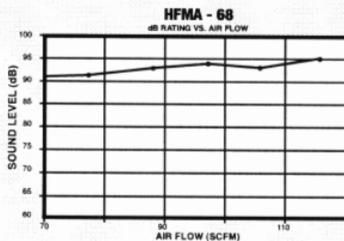
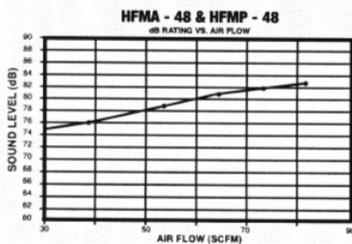
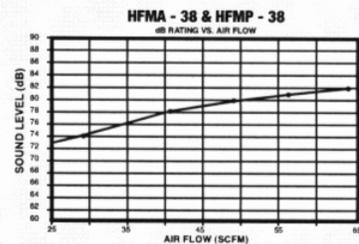
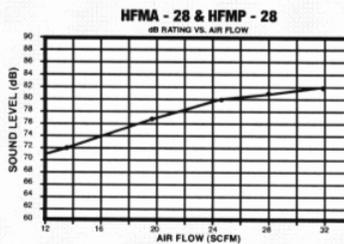
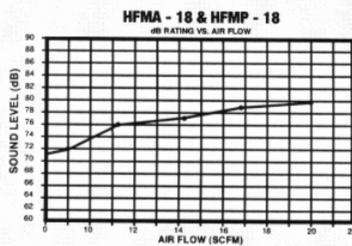
Connection
18=1/8", 28=1/4"
38=3/8", 48=1/2"

None=NPT (Inch)
P=BSPT (Metric)

SPECIFICATIONS

ITEM	MODEL	HFMP-18	HFMP-28	HFMP-38	HFMP-48
CONNECTION	NPT	1/8"	1/4"	3/8"	1/2"
OVERALL LENGTH	IN.	2 9/16"	2 7/16"	3 7/16"	3 7/16"
FLATS	IN.	27/32"	27/32"	1 1/4"	1 1/4"
MATERIAL	BODY	NYLON			
	ELEMENT	50 MESH STAINLESS STEEL SCREEN			
MAX OPERATING PRESSURE		150 PSI (10.55 kg / cm ²)			
OPERATING TEMPERATURE		35°F TO 120°F (1.6°C to 50°C)			
WEIGHT (APPROX.)	Oz.	0.40	0.48	1.60	1.60
UNIT PACK	EA.	10	10	5	5

SOUND CHARACTERISTICS



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