

HFSM-Series, High Flow Steel Muffler

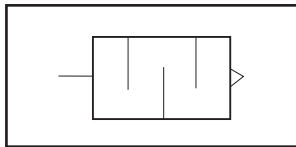


HFSM-Series steel mufflers utilize a 50 mesh, self-cleaning STAINLESS STEEL SCREEN in a tough steel shell to withstand shock and continuous heavy duty use in all applications. All stainless steel models are also available.

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

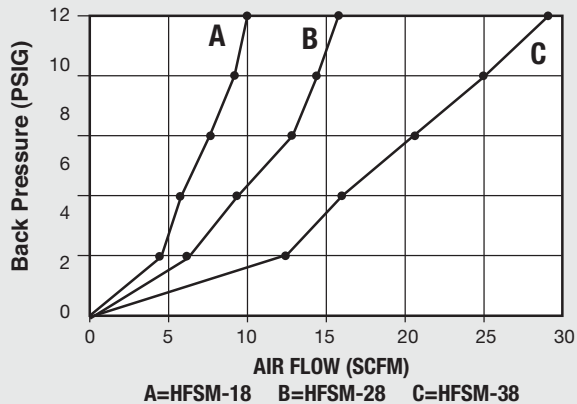
Unit should be mounted in a protective position free from excessive vibration. Use wrench on hex head to tighten unit to the exhaust ports of air-operated equipment.

Symbol

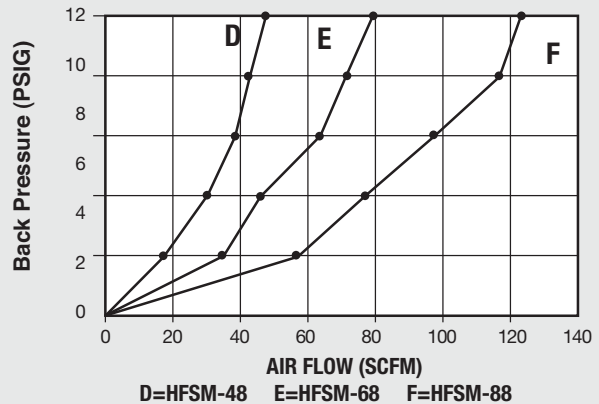


FLOW CHARACTERISTICS - HIGH FLOW STEEL MUFFLER

BACK PRESSURE VS AIR FLOW
HFSM-18, HFSM-28, HFSM-38



BACK PRESSURE VS AIR FLOW
HFSM-48, HFSM-68, HFSM-88



* All tests are performed by Consolidated Laboratories, Inc.

SOUND CHARACTERISTICS - STEEL MUFFLER

BACK PRESSURE (PSIG)	HFSM-18		HFSM-28		HFSM-38		HFSM-48		HFSM-68		HFSM-88	
	FLOW (SCFM)	db	FLOW (SCFM)	db	FLOW (SCFM)	db	FLOW (SCFM)	db	FLOW (SCFM)	db	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

* All tests are performed by Consolidated Laboratories, Inc.

HFSSM-Series, High Flow Steel Muffler



HOW TO ORDER

HFSSM — —

High Flow Steel Muffler **Connection (NPTM)** **Port Option**
 18 = 1/8", 28 = 1/4" **None = NPT**
 38 = 3/8", 48 = 1/2" **P = BSPT**
 68 = 3/4", 88 = 1"
 128 = 1-1/4", 148 = 1-1/2"
 200 = 2"

SPECIFICATIONS

ITEM	MODEL	HFSSM-18	HFSSM-28	HFSSM-38	HFSSM-48	HFSSM-68	HFSSM-88	HFSSM-128	HFSSM-148	HFSSM-200
CONNECTION	NPTM	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
OVERALL LENGTH	IN.	1-5/16"	1-11/16"	2-7/64"	2-41/64"	3-15/64"	3-25/32"	4-27/64"	4-15/16"	5-19/32"
HEX	IN.	7/16"	9/16"	11/16"	7/8"	1-1/16"	1-5/16"	1-3/4"	2"	2-3/8"
MATERIAL	BODY	ZINC-PLATED STEEL (Zn-Fe)								
	ELEMENT	50 MESH STAINLESS STEEL SCREEN								
MAX OPERATING PRESSURE		300 PSI (21.1 kg/cm ²)								
OPERATING TEMPERATURE		35° ~ 160°F (1.6° ~ 70°C)								
WEIGHT (APPROX.)	OZ.	0.38	0.69	1.22	2.14	3.67	6.61	11.71	14.84	23.48
UNIT PACK	EA.	10	10	5	5	1	1	1	1	1



HOW TO ORDER

FHFSM —

Female High Flow Steel Muffler **Connection (NPTM)**
 18 = 1/8", 28 = 1/4"
 38 = 3/8", 48 = 1/2"

SPECIFICATIONS

ITEM	MODEL	FHFSM-18	FHFSM-28	FHFSM-38	FHFSM-48
CONNECTION	NPTF	1/8"	1/4"	3/8"	1/2"
OVERALL LENGTH	IN.	1-45/64"	2-13/64"	2-23/32"	3-7/32"
HEX	IN.	9/16"	11/16"	7/8"	1-1/16"
MATERIAL	BODY	ZINC-PLATED STEEL (Zn-Fe)			
	ELEMENT	50 MESH STAINLESS STEEL SCREEN			
MAX OPERATING PRESSURE		300 PSI (21.1 kg/cm ²)			
OPERATING TEMPERATURE		35° ~ 160°F (1.6° ~ 70°C)			
WEIGHT (APPROX.)	OZ.	0.80	1.55	2.65	4.60
UNIT PACK	EA.	10	10	5	5



HOW TO ORDER

HFSS —

High Flow Stainless Steel Muffler **Connection (NPTM)**
 18 = 1/8", 28 = 1/4"
 38 = 3/8", 48 = 1/2"
 68 = 3/4", 88 = 1"

SPECIFICATIONS

ITEM	MODEL	HFSS-18	HFSS-28	HFSS-38	HFSS-48	HFSS-68	HFSS-88
CONNECTION	NPTM	1/8"	1/4"	3/8"	1/2"	3/4"	1"
OVERALL LENGTH	IN.	1-3/8"	1-11/16"	2-7/64"	2-41/64"	3-15/64"	3-25/32"
HEX	IN.	7/16"	9/16"	3/4"	7/8"	1-1/16"	1-3/8"
MATERIAL	BODY	SUS304 STAINLESS STEEL					
	ELEMENT	50 MESH STAINLESS STEEL SCREEN					
MAX OPERATING PRESSURE		300 PSI (21.1 kg/cm ²)					
OPERATING TEMPERATURE		35° ~ 160°F (1.6° ~ 70°C)					
WEIGHT (APPROX.)	OZ.	0.32	0.72	1.20	2.40	4.10	7.00
UNIT PACK	EA.	5	5	5	5	1	1