

High Flow Steel Muffler EMS-Series



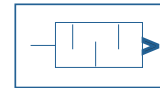
EMS series steel muffler utilize a 50 mesh, self-cleaning STAINLESS STEEL SCREEN in a tough steel shell to withstand shock and continuous heavy duty use in all applications. All stainless steel models are also available.

Designed with evenly distributed small holes around the steel shell, exhaust air quietly disperses over a 360-degree pattern without restricting airflow. 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.

The 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.



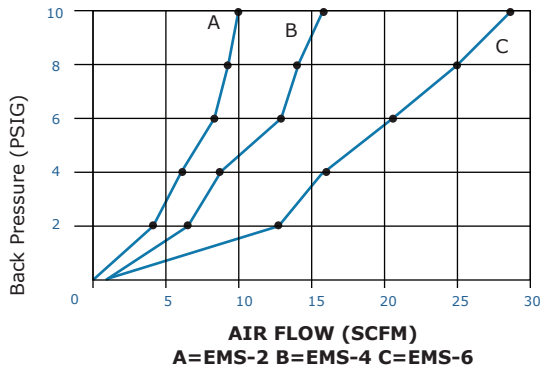
SYMBOL



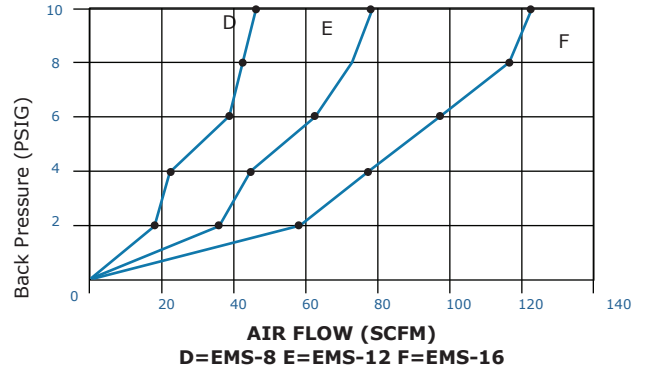
California Proposition 65 Warning
 WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause Cancer, Birth Defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

FLOW CHARACTERISTICS - HIGH FLOW STEEL

**BACK PRESSURE VS AIR FLOW
EMS-2, EMS-4, EMS-6**



**BACK PRESSURE VS AIR FLOW
EMS-8, EMS-12, EMS-16**



SOUND CHARACTERISTICS - STEEL MUFFLER

BACK PRESSURE (PSIG)	EMS-2		EMS-4		EMS-6		EMS-8		EMS-12		EMS-16	
	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	84.5	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





EMS - -

High Flow Connection (NPTM) **Port Option**

Steel 2 = 1/8", 4 = 1/4", 6 = 3/8" None = NPT

Muffler 8 = 1/2", 12 = 3/4", 16 = 1" P = BSPT

20 = 1-1/4", 24 = 1-1/2", 32 = 2"

SPECIFICATIONS

ITEM	MODEL	EMS-2	EMS-4	EMS-6	EMS-8	EMS-12	EMS-16	EMS-20	EMS-24	EMS-32
CONNECTION	NPTM	1/8"-27	1/4"-18	3/8"-18	1/2"-14	3/4"-14	1"-11.5	1-1/4"-11.5	1-1/2"-11.5	2"-11.5
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



EMSF - -

Female High Flow Connection (NPTM)

Steel Muffler 2 = 1/8", 4 = 1/4"

6 = 3/8", 8 = 1/2"

SPECIFICATIONS

ITEM	MODEL	EMSF-2	EMSF-4	EMSF-6	EMSF-8
CONNECTION	NPTF	1/8"-27	1/4"-18	3/8"-18	1/2"-14
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



All Stainless Steel

EMSS - -

High Flow Connection (NPTM)

Stainless Steel Muffler 2 = 1/8", 4 = 1/4"

6 = 3/8", 8 = 1/2"

12 = 3/4", 16 = 1"

SPECIFICATIONS

ITEM	MODEL	EMSS-2	EMSS-4	EMSS-6	EMSS-8	EMSS-12	EMSS-16
CONNECTION	NPTM	1/8"-17	1/4"-18	3/8"-18	1/2"-14	3/4"-14	1"-11.5
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"	11/16"	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

we reserve the right to change the specification without prior notice