

SCM-Series Speed Control Muffler

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

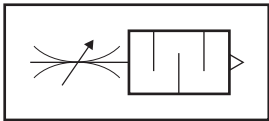
An external adjustment screw accurately varies orifice opening from closed to full flow as required. The final position is then locked in place by the jam nut. Objectionable exhaust air noise is eliminated by the surrounding sleeve of sintered bronze.



SCM-Series speed control mufflers feature complete safety in operation. The sintered bronze sleeve is held securely 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. Unit contains a 40 micron element.

SYMBOL



HOW TO ORDER

SCM	—	<input type="checkbox"/>	<input type="checkbox"/>	—	<input type="checkbox"/>
Speed Control Muffler		Connection			Port Option
		08 = 10-32UNF, 18 = 1/8",			None = NPT
		28 = 1/4", 38 = 3/8",			P = BSPT
		48 = 1/2", 68 = 3/4",			
		88 = 1"			



California Proposition 65 Warning

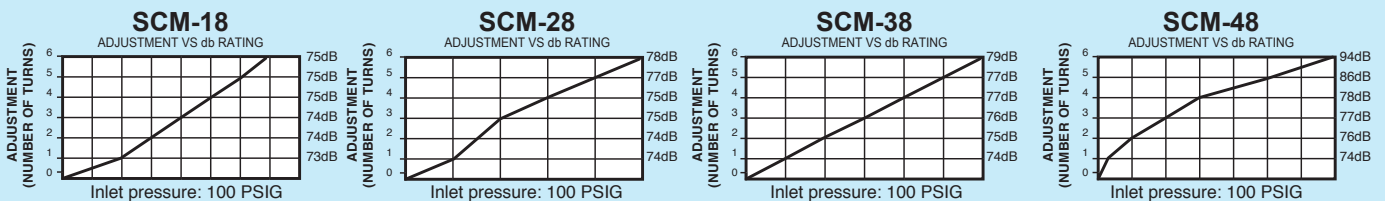
WARNING: This product can expose you to chemicals, including lead, which is known to the state of California to cause Cancer, Birth Defects or other reproductive harm. For more information go to www.p65warnings.ca.gov

SPECIFICATIONS

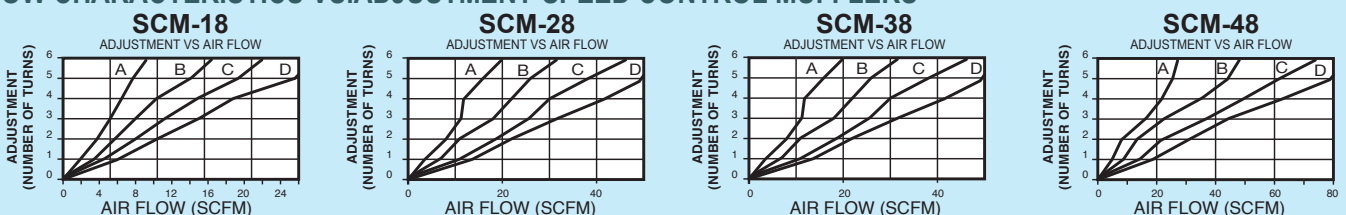
ITEM	MODEL	SCM-08	SCM-18	SCM-28	SCM-38	SCM-48	SCM-68	SCM-88
CONNECTION	NPTM	10-32UNF	1/8"-27	1/4"-18	3/8"-18	1/2"-14	3/4"-14	1"-11.5
MAX. ADJUSTMENT FLOW	SCFM	10	30	50	70	100	130	160
APPROX. HEIGHT (FULL OPEN)	IN.	23/32"	1-1/2"	1-11/16"	1-11/16"	2"	2-3/4"	3"
HEX	IN.	5/16"	1/2"	9/16"	11/16"	7/8"	1-7/64"	1-11/32"
MATERIAL	BODY	BRASS						
	ELEMENT	SINTERED BRONZE (40 micron)						
MAX OPERATING PRESSURE		150 PSI	300 PSI (21.1 kg/cm ²)					
OPERATING TEMPERATURE		35°~300°F (1.6°~149°C)						
WEIGHT (APPROX.)	OZ.	0.18	0.65	1.12	1.73	2.95	4.72	7.57
UNIT PACK	EA.	10	10	10	10	5	1	1

SOUND CHARACTERISTICS VS. ADJUSTMENT - SPEED CONTROL MUFFLER

INLET PRESSURE = 100 PSIG



FLOW CHARACTERISTICS VS. ADJUSTMENT - SPEED CONTROL MUFFLERS



A=25 PSIG B=50 PSIG C=75 PSIG D=100 PSIG

*All tests are performed by Consolidated Laboratories, Inc.