

BACK-PRESSURE INDUCERS

These devices eliminate the need for expensive components to induce hydraulic back pressure, as well as the misapplication of other components, such as check valves, for the same purpose.

When installed in a heat-exchange bypass line, the inducer will limit the pressure of the fluid flowing into the heat exchanger. They can be used to maintain a required return line back-pressure. Many other uses are possible.

HOW TO ORDER

PI	-	8	-	12	-	15
MODEL	-	FEMALE NPT	-	MALE NPT	-	VALVE RATING
STYLE	FEMALE NPT	MALE NPT	VALVE RATING			
PI	2 (1/4) 4 (1/2) 6 (3/4) 8 (1) 10 (1-1/4) 12 (1-1/2) 16 (2)	8 (1) 10 (1-1/4) 12 (1-1/2) 16 (2) 24 (3)	3 (3 PSI) 5 (5 PSI) 15 (15 PSI)			

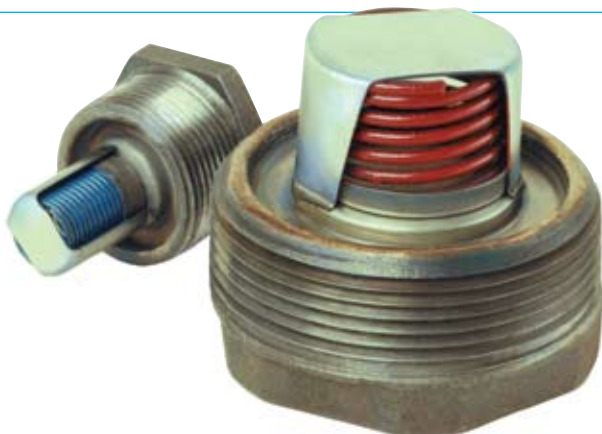
Standard size combinations are those shown side-by-side (6-10, 8-12, 10-16, 16-24). Any feasible size combinations may be ordered, but they're not stocked (4-12, 8-16, etc).

DIMENSIONS (approximate)

MALE THREAD	A	B	C
1	1-1/2	1	3/4
1-1/4	1-13/16	1-1/4	1-1/8
1-1/2	2	1-5/16	1-3/8
2	2-9/16	1-5/16	1-1/4
3	3-1/4	1-5/8	1-1/4

PRESSURE DROP (approximate)

LINE SIZE (in.)	3/4		1		1-1/4		2	
VELOCITY (fps thru schd. 40 pipe)	10	20	10	20	10	20	10	20
FLOW RATE (gpm)	17	34	27	54	47	94	105	210
SPRING RATING (cracking pressure, psi)	PRESSURE DROPS (psi)							
3	14	39	7	16	5	23	6	23
5	16	41	9	18	6	25	8	25
15	45	70	17	30	14	40	26	60

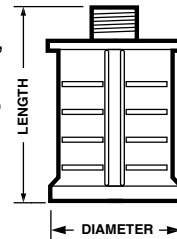


JET MUFFLERS

- 1/8 TO 1-INCH NPT
- SUPERIOR NOISE REDUCTION
- EASILY DISASSEMBLED
- FAIL SAFE PREVENTS EXCESSIVE BACK PRESSURE BUILDUP
- MINIMAL PRESSURE DROP
- RUGGED PLASTIC CONSTRUCTION

Jet Pneumatic Exhaust Mufflers provide superior exhaust noise control and are available in two patented configurations, the TM and SLM Series.

They use a multi-layered, wire mesh element that is impervious to solvents, and easily removed for cleaning.



DIMENSIONS (inches)

MODEL	PIPE SIZE	DIAMETER	LENGTH
TM-1	1/8	1.62	1.76
TM-2	1/4	1.62	1.76
TM-3	3/8	2	2.83
TM-4	1/2	2	2.94
TM-6	3/4	2.92	4.15
TM-8	1	2.92	4.38
SLM-1	1/8	.95	2.35
SLM-2	1/4	.95	2.48
SLM-3	3/8	1.34	3.55
SLM-4	1/2	1.34	3.68
SLM-6	3/4	1.90	5.60
SLM-8	1	1.90	5.85

HOW TO ORDER

PIPE SIZE NPT (in.)	MODEL	
1/8	TM-1	SLM-1
1/4	TM-2	SLM-2
3/8	TM-3	SLM-3
1/2	TM-4	SLM-4
3/4	TM-6	SLM-6
1	TM-8	SLM-8

