

SS600 SERIES NOISE DIFFUSER

**Pressures To 600 PSIG (41.3 barg)
Temperatures to 750°F (400°C)**

Diffuses Blast Discharge — Diffuses the high velocity discharge from steam traps.

Reduces Noise — Dampens the level of noise associated with steam trap cycles.

Corrosion Resistant — All stainless steel construction provides excellent protection from corrosion.

Causes No Back Pressure — Porous stainless steel baffle allows condensate discharge without back pressure.

Compressed Air Capabilities — Diffuser works as a muffler for compressed air exhaust.

Repairable in-line — Snap ring design allows for easy element replacement.

APPLICATIONS

- Steam Traps
- Blowdown Valves
- Air Cylinders

OPERATION

The SS600 Diffuser is installed on the outlet side of steam traps, valves or other equipment that discharges high velocity steam, condensate or air to the atmosphere. The baffle is constructed

of a fine stainless steel wire mesh, similar to steel wool. This porous mesh breaks down the high velocity discharge which dampens the sound significantly.

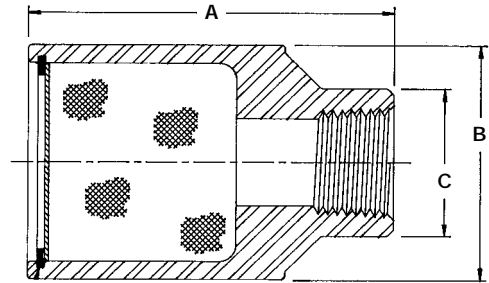
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MAXIMUM OPERATING CONDITIONS

PMO: Max. Operating Pressure 600 psig (41.3 barg)
 TMO: Max. Operating Temperature 750°F (400°C)
 PMA: Max. Allowable Pressure 600 psig (41.3 barg)
 TMA: Max. Allowable Temperature 750°F (400°C)
 CWP: Max. Cold Working Pressure 1,000 psig (69 barg)

MATERIALS OF CONSTRUCTION

Body:ASTM A351 Grade CF3M (316L)
 Retaining Ring:302 Stainless Steel
 Element:304 Stainless Steel



Connections: 3/8" - 3/4" NPT

Dimensions				
NPT Size	Inches			Weight Lbs.
	A	B	C	
3/8"	2 3/4	1 25/32	1 1/8	.85 lbs
1/2"	2 3/4	1 25/32	1 1/8	.81 lbs
3/4"	2 25/32	1 25/32	1 5/16	.88 lbs

Noise Three Feet from Trap Discharge

