

NOISE ATTENUATORS

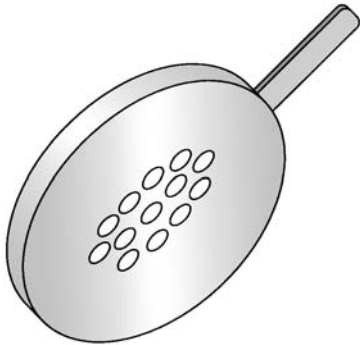
Series-A ORIFICE PLATE for Pressure Regulating Valves

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Noise Attenuation Equipment is used to reduce unwanted or excessive noise that commonly occurs in pressure reducing stations.

Series-A ORIFICE PLATE

Noise Reduction Capability: 5-10 dBA



Series-A Orifice Plate

HOW IT WORKS

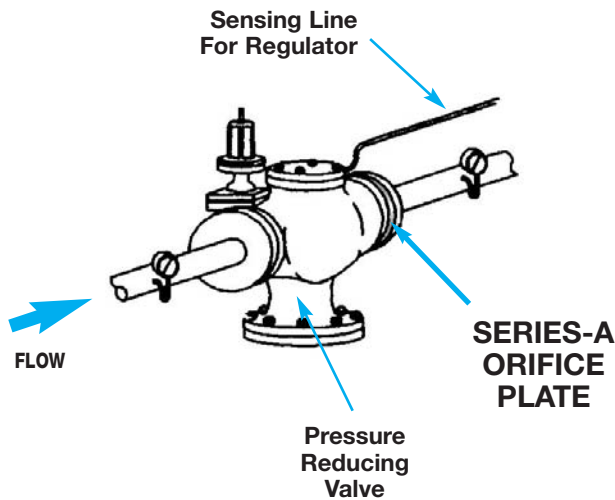
The **Series-A** Orifice Plate with its drilled orifice pattern is installed after the pressure regulating valve to smooth out turbulence caused by the pressure drop across the regulator. Noise reduction levels of **5-10 dBA** can typically be achieved.

INSTALLATION

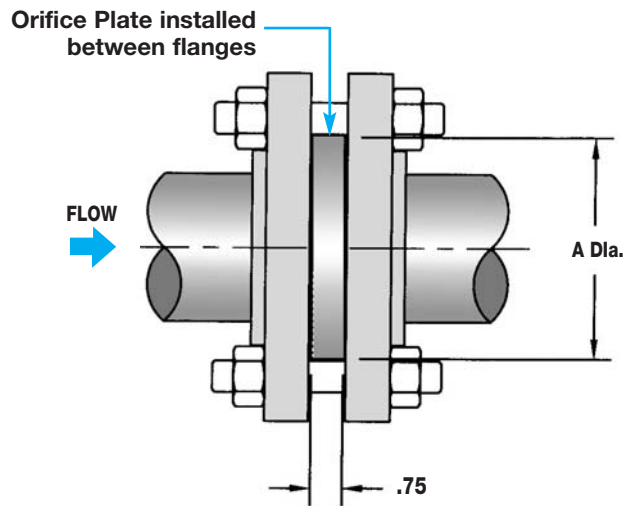
The Series-A Orifice Plate is installed between ANSI flanges immediately after the regulator. If the regulator is a flanged unit, the orifice plate is placed at the flange outlet connection.

PILOT-OPERATED
REGULATING VALVES

Series-A Typical Hook-up



Series A Dimensions



Series-A DIMENSION (A) – inches

Pipe Size	125# Flange	250# Flange
2"	6	4 ³ / ₁₆
2½"	7	4 ¹⁵ / ₁₆
3"	7½	5 ¹¹ / ₁₆
4"	9	6 ¹⁵ / ₁₆
6"	11	9 ¹¹ / ₁₆

Note: Other sizes available. Consult factory.

NOISE ATTENUATORS

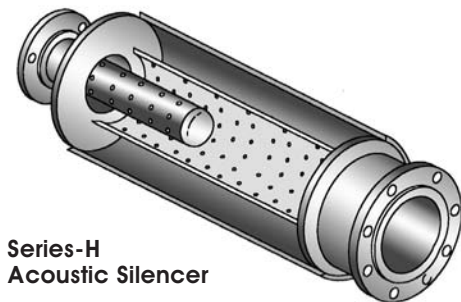
ACOUSTIC SILENCER **Series-H** for Pressure Regulating Valves

Noise Attenuation Equipment is used to reduce unwanted or excessive noise that commonly occurs in pressure reducing stations.

Series-H ACOUSTIC SILENCER

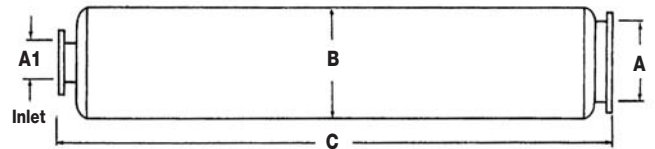
Noise Reduction Capability: 20-30 dBA

PILOT-OPERATED
REGULATING VALVES



Series-H
Acoustic Silencer

Series-H Dimensions



HOW IT WORKS

The **Series-H** Acoustic Silencer incorporates a **Dual Diffuser** tube design. The inner tube has a drilled orifice pattern and the outer tube contains an integral layer of sound absorbing insulation. Noise reduction levels of **20-30 dBA** can typically be achieved.

INSTALLATION

The **Series-H** Diffuser Tube should be installed immediately downstream of the regulator, as shown below.

Series-H DIMENSIONS – inches

Model	A1	A	B	C	Weight (lbs)
LCV-8	4	8	14	57	145
LCV-10	6	10	16	71	210
LCV-12	6	12	18	81	295

Note: Other sizes available. Consult factory.

Series-H Typical Hook-up

