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Diffuser

Description:

The Spirax Diffuser is a compact unit designed to be fitted to the outlet of a steam or air trap discharging to atmosphere. The Diffuser reduces the problems of noise and erosion by dampening high velocity discharge. It can be fitted to any trap where conditions promote blast discharge similar to that associated with balanced pressure, inverted bucket or thermodynamic traps.

More than 80% reduction in the sound pressure level can be expected when measured at 1 meter from the discharge point.

Limiting conditions:

Suitable for use with all traps upto 44 Bar g.

Size and Pipe Connection:

15 NB screwed BSPT

Materials:

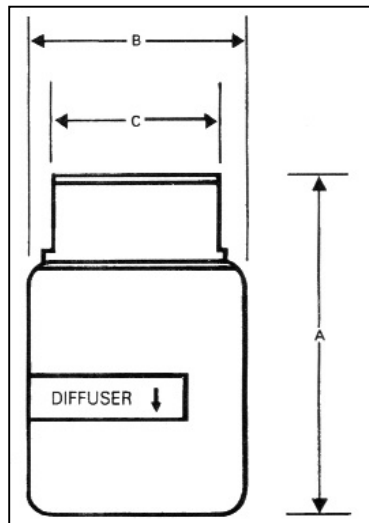
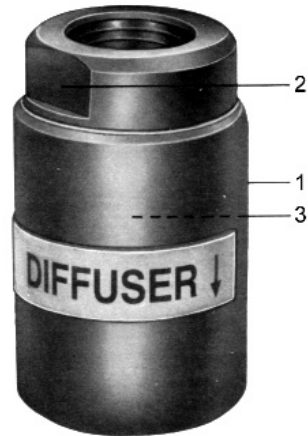
No.	Part	Material	
1	Case	Stainless Steel	ASTM A 213 Type 304
2	End boss	Stainless Steel	ASTM A 276 Type 304
3	Internals	Stainless Steel	ASTM A 276 Type 304

Dimensions (approximate):

A	B	C	Weight
64	38	30	0.2 kgg

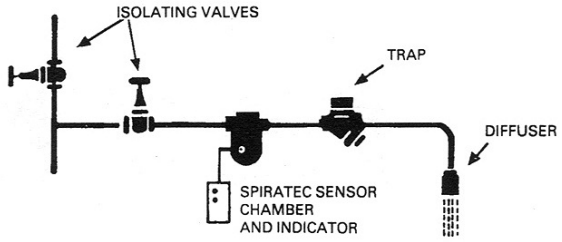
Installation:

The Diffuser should be fitted on the outlet side of a steam trap or air trap with a suitable fitting to ensure that the discharge of condensate is towards the ground or some safe enclosure.



6.5

Suggested Connection Diagram

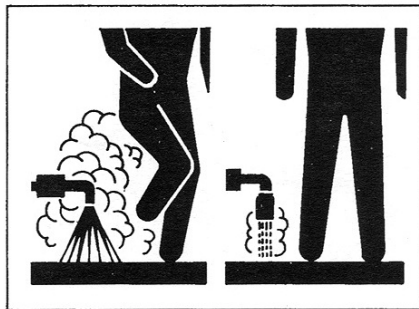


WITHOUT DIFFUSER WITH DIFFUSER



NOISY

MUFFLED



SCATTERED
DISCHARGE

GENTLE
DISCHARGE