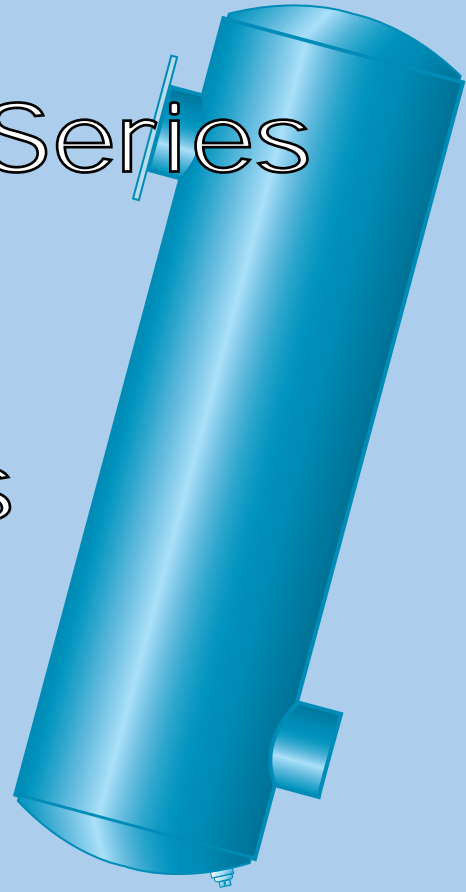


RISN and URBN Series Rotary Positive Blower Silencers



RISN Rotary Positive Blower Silencer



URBN Rotary Positive Blower Silencer

Designed for Special Configurations

- Designed for application requirements.
- Optional design features are available for special production and assembly conditions.
- Choose an RISN combination chambered-absorptive or a URBN chambered model.

Rugged Construction

- Heavy-duty all-welded carbon steel construction, with a high-quality shop coat primer finish.
- Special materials such as stainless steel are available.
- See catalog 244, *Rotary Positive Blower Silencers*, for performance data, sizing information, construction details, and optional features.

Immediate Availability

- Fast delivery for most sizes.

Advanced Design and Testing

- Our extensive in-house engineering, manufacturing, and testing facilities ensure optimized process, mechanical, and acoustic performance for your application.

Universal Silencer's URBN and RISN silencers have been designed especially for pressure applications that require an opposed connection at opposite ends. Choose from six standard pipe sizes ranging from 2 in. to 6 in.

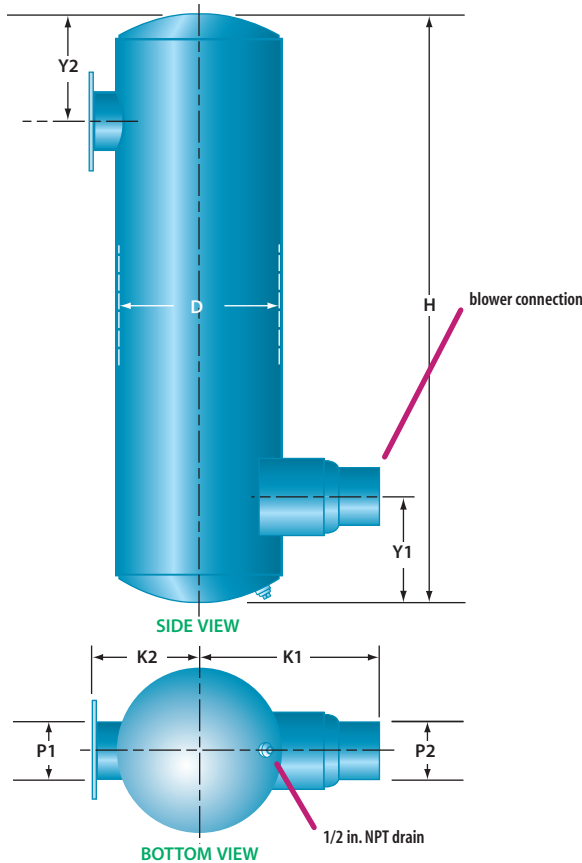
Like all Universal Silencer rotary positive blower silencers, the RISN and URBN silencers are heavy-duty, all-welded units constructed of carbon steel sheet and plate. The RISN blower connection is acoustically treated and provides pulse control and silencing for critical pitch line velocity (PLV) applications. The URBN provides pulse control and adequate silencing for subcritical PLV applications. Mounting brackets and other options are available.



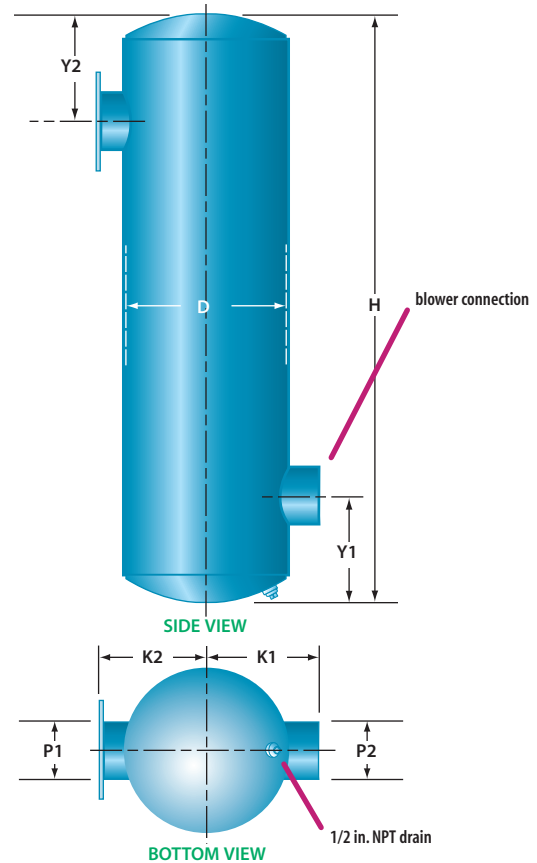
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Acoustic & Emission Technologies

RISN Silencers



URBN Silencers



RISN DIMENSIONS AND WEIGHTS

Model	Pipe Size (P1/P2 nom.)	P1	P2	D	H	K1	K2	Y1 min.	Y1 max.	Y2	Weight (est.)
		Connection Type	Connection Type								
RISN-2	2			8.00	22.50	8.50	7.00	6.00	–	3.00	30
RISN-2 ¹ / ₂	2 ¹ / ₂	Threaded		8.00	27.00	9.00	7.00	7.00	–	3.50	30
RISN-3	3		Plain	8.00	33.00	10.00	7.00	7.00	–	4.00	35
RISN-4	4			10.00	39.50	12.50	8.00	7.50	16.50	5.50	55
RISN-5	5	Flanged		12.00	52.50	15.50	9.00	9.00	23.00	6.50	100
RISN-6	6			14.00	59.00	17.00	10.00	9.00	25.50	7.00	130

URBN DIMENSIONS AND WEIGHTS

Model	Pipe Size (P1/P2 nom.)	P1	P2	D	H	K1	K2	Y1 min.	Y1 max.	Y2	Weight (est.)
		Connection Type	Connection Type								
URBN-2	2			8.00	28.00	7.00	7.00	4.00	12.50	4.00	25
URBN-2 ¹ / ₂	2 ¹ / ₂	Threaded		10.00	28.50	8.50	8.50	4.50	11.50	4.50	35
URBN-3	3		Plain	10.00	40.00	9.00	9.00	6.00	18.00	6.00	55
URBN-4	4			14.00	48.00	10.00	10.00	6.00	22.00	6.00	80
URBN-5	5	Flanged		16.00	54.00	11.00	11.00	6.50	18.00	6.50	120
URBN-6	6			18.00	66.00	13.00	13.00	8.00	32.00	8.00	175

- Dimensions are given in inches, weights in pounds.
- Dimensions and weights are nominal and may vary slightly with production models. Request certified drawings of specific models for exact dimensions.
- Threaded units are standard with male threaded pipe connections (MNPT).
- Flanged units are standard with flanged connections drilled to 125/150 lb ANSI specifications.