

Specifications RIS Group

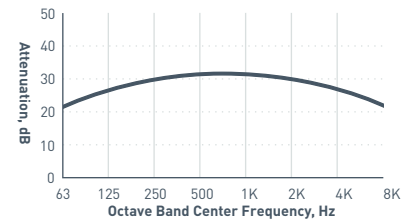
Combination Chamber - Absorptive Type Inlet Silencer

The RIS Series Inlet Silencer is a heavy-duty, all-welded unit offering premium attenuation. Silencers are constructed of carbon steel, designed to provide long service life. The RIS Series is designed for pulse control and silencing for most Critical PLV Applications.

Silencers are designed for either vertical or horizontal mounting. A low side outlet version is designated RISY Series. Both the RIS and RISY Series Silencers have the same performance characteristics.

Silencers with connection sizes of 3-1/2" and smaller are offered with Male NPT Threaded connections. Silencer with connection sizes of 4" and 5" are available with either NPT male threads, or flanges. Silencer connections of 6" and above are equipped with 125/150# ANSI Drilled Plate Flanges. The standard primer paint applied to exterior surfaces is a single-coat satin light blue alkyd primer rated for 325°F (160°C). A finish top coat may be applied in the field. Other coating options are available upon request. Brackets and other mounting options are also available. Please note all side inlet designs have dual drains. Contact your Dürr Universal rep for updated drawing.

Typical Attenuation Curve

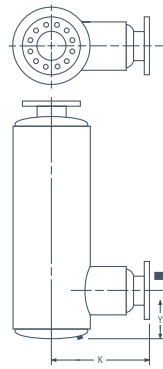


TECHNICAL PRESENTATION

RIS Series



RISY Series
(Low Side Outlet)



COMBINATION CHAMBER-ABSORPTIVE TYPE INLET SILENCERS

P (Size)	Part Number	D	L	N	H	K RISY	E	RISY		Y Weight
								Min	Max	
1	Sizes 1" - 1½" use U5 Series (page 27)									
1½										
2	54-102-AA	8	28½	3	22½	8½	—	FIXED AT 6		25
2½	54-125-AA	8	33	3	27	9	—	FIXED AT 7		25
3	54-103-AA	8	39	3	33	10	—	FIXED AT 7		30
3½	54-135-AA	10	39½	3	33½	11	—	FIXED AT 8		40
4	54-104-AA*	10	45	3	39	12½	2¼	7½	16½	50
5	54-105-AA*	12	57½	3	51½	15½	2¾	9	23	80
6	54-106-AA	14	64	3	58	17	3¼	9	25½	110
8	54-108-AA	18	72	3½	65	21½	4	12	30½	190
10	54-110-AA	22	85	3½	78	25½	5	13½	37	380
12	54-112-AA	26	98	3½	91	29½	6	15	44	550
14	54-114-AA	30	111	3½	104	30	7½	16½	50	800
16	54-116-AA	36	113	3½	106	35½	0	18½	51	1,050

Acoustical packing is suitable up to 325°F.

For connection sizes above 16" please contact Dürr Universal for price and availability.

Note: Dimensions (in) and weights (lbs) are nominal and may vary slightly with production models. Request certified drawings of specific models for exact dimensions.

*Specify -TT for male pipe threaded units.

Specifications SD Group

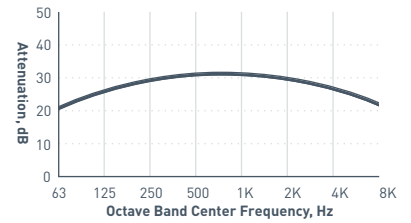
Combination Chamber-Absorptive Type Discharge Silencer

The SD Series Discharge Silencer is a heavy-duty, all-welded unit offering standard attenuation. Silencers are constructed of carbon steel, designed to provide long service life. The SD Series is designed for pulse control and silencing for most critical PLV applications. For the most demanding pulse applications, the RD group of silencers may be required.

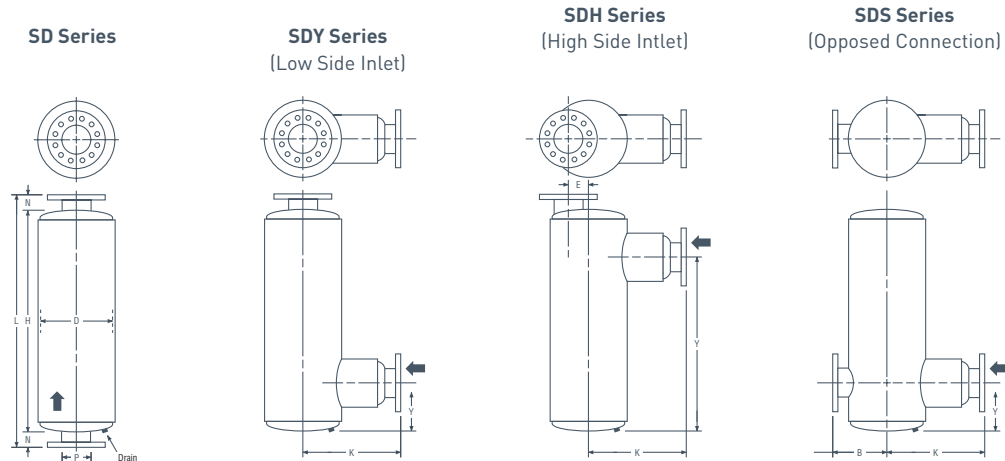
Silencers are designed for either vertical or horizontal mounting. Designs will allow for low or high side inlets for mounting flexibility. A low side inlet version is designated SDY Series. The high side inlet configuration is designated as SDH Series. The opposed connection version is designated as the SDS Series. All versions have the identical performance characteristics.

Silencers with connection sizes of 2" to 3-1/2" are offered with male NPT threaded connections. Silencers with connection sizes of 4" and 5" are available with either NPT male threads, or drilled plate flanges. Silencer connections of 6" and above are offered with 125/150# ANSI drilled plate flanges. The standard primer paint applied to exterior surfaces is a single-coat satin light blue alkyd primer rated for 325°F. A finish top coat may be applied in the field. Other coating options are available upon request. Brackets and other mounting options are also available. Please note all side inlet designs have dual drains. Contact your Dürr Universal rep for updated drawing.

Typical Attenuation Curve



TECHNICAL PRESENTATION



COMBINATION CHAMBER-ABSORPTIVE TYPE DISCHARGE SILENCERS

P (Size)	Part Number	D	L	N	H	K			B	E	SDY		Y SDS		SDH		Weight	
						SDY	SDH	SDS			Min	Max	Min	Max	Min	Max		
1	Sizes 1" - 1 1/2" use URB Series (page 15)																	
1 1/2																		
2	54-102-AA	8	28 1/2	3	22 1/2	8 1/2	—	—	—	—	—	—	—	—	—	—	—	15
2 1/2	54-125-AA	8	33	3	27	9	—	—	—	—	—	—	—	—	—	—	—	25
3	54-103-AA	8	39	3	33	10	—	—	—	—	—	—	—	—	—	—	—	30
3 1/2	54-135-AA	10	39 1/2	3	33 1/2	11	—	—	—	—	—	—	—	—	—	—	—	40
4	54-104-AA*	10	45	3	39	12 1/2	14 1/2	14 1/2	8	2 1/4	7 1/2	16 1/2	7 1/2	9 1/2	30 1/2	32 1/2	50	
5	54-105-AA*	12	57 1/2	3	51 1/2	15 1/2	17 1/2	17 1/2	9	2 3/4	9	23	9	12 1/2	40	43 1/2	80	
6	54-106-AA	14	64	3	58	17	20	20	10	3 1/4	9	25 1/2	10	15 1/2	43 1/2	49	110	
8	54-108-AA	18	72	3 1/2	65	21 1/2	26 1/2	26 1/2	12 1/2	4	12	30 1/2	12	16 1/2	49 1/2	54	190	
10	54-110-AA	22	85	3 1/2	78	25 1/2	32 1/2	32 1/2	14 1/2	5	13 1/2	37	13 1/2	18	61 1/2	65 1/2	380	
12	54-112-AA	26	98	3 1/2	91	29 1/2	38	38	16 1/2	6	15	44	15	24	69	77	550	
14	54-114-AA	30	111	3 1/2	104	30	40	40	18 1/2	7 1/2	16 1/2	50	16 1/2	25	81	89 1/2	800	

Acoustical packing is suitable up to 325°F

For silencers with connections larger than 14" please contact Dürr Universal for price and availability.

Note: Dimensions (in) and weights (lbs) are nominal and may vary slightly with production models. Request certified drawings of specific models for exact dimensions.

*Specify -TT for male pipe threaded units.