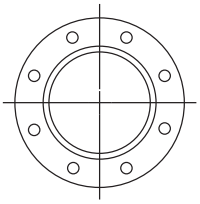
Annular Flow Absorptive Silencer

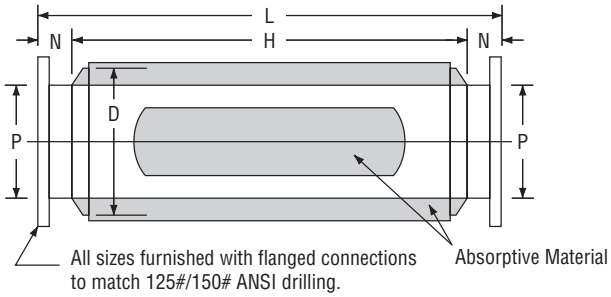
SU Series

Note:
SU Series standard paint and acoustical packing are suitable for 325°F.

Common Applications

- inlet and discharge of high-speed, low-pressure centrifugal compressors and blowers (discharge P < 15 psig)
- industrial fan inlet and discharge
- high-pressure centrifugal compressors inlet
- gas turbine inlet
- dry vacuum pump discharge
- some low-pressure vents (< 15 psig)
- high-frequency noise sources
- inlet of turbocharged reciprocating engines





SU5 Series

The SU5 Series is our highest grade standard absorptive silencer. Its design consists of two concentric perforated cylinders lined with acoustical pack, forming an annular flow path. This design features full blocked-line-of-sight, while providing full flow area for low resistance. Mild steel construction, primer-coated exterior.

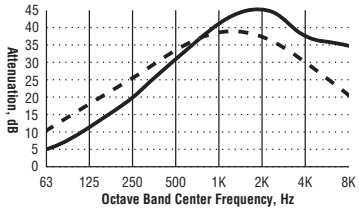
SU4 Series

The SU4 Series provides lower attenuation, ranking just below the SU5 Series. The design of this unit features a bullet centered in the flow tube to provide annular flow path and partial blocked-line-of-sight. Pressure drop is only slightly greater than the SU5. Mild steel construction, primer-coated exterior.

SU3 Series

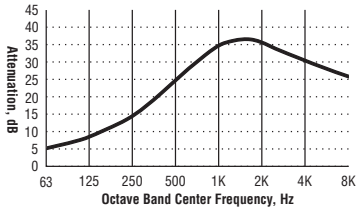
The SU3 Series is the most economical of Aircom's three grades of annular design silencers. Its design is nearly identical to the SU4, including annular flow path and partial blocked-line-of-sight. Pressure drop coefficient is the same as for the SU4 Series. Mild steel construction, primer-coated exterior.

Typical Attenuation Curve

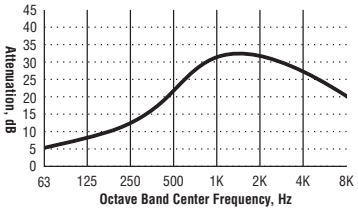


12" size and smaller
24" size and larger

Typical Attenuation Curve



Typical Attenuation Curve



AIRCOM TECHNOLOGIES inc.
Pression et vide | *Pressure & Vacuum*

16781, Hymus, Kirkland (Québec) H9H 3L4
T.: 514-695-4740 www.aircom.ca info@aircom.ca

Pièces Vente Service 24/7 | *Parts Sales Service 24/7*

Annular Flow Absorptive Silencer

	Model	Part	P	D	L	N	H	Weight
SU5	SU5-4	14-104-AA	4	10	21.5	3	15.5	30
	SU5-5	14-105-AA	5	12	26	3	20	50
	SU5-6	14-106-AA	6	12	26	3	20	60
	SU5-8	14-108-AA	8	18	36	3.5	29	120
	SU5-10	14-110-AA	10	20	44.5	3.5	37.5	200
	SU5-12	14-112-AA	12	24	53	3.5	46	295
	SU5-14	14-114-AA	14	26	61.5	3.5	54.5	390
	SU5-16	14-116-AA	16	28	68	3.5	61	510
	SU5-18	14-118-AA	18	30	74	3.5	67	655
	SU5-20	14-120-AA	20	36	78	4.5	69	850
	SU5-22	14-122-AA	22	36	89	4.5	80	1,040
	SU5-24	14-124-AA	24	42	91	4.5	82	1,285
	SU5-26	14-126-AA	26	42	102	4.5	93	1,535
	SU5-28	14-128-AA	28	48	104	4.5	95	1,985
	SU5-30	14-130-AA	30	48	115	4.5	106	2,190
	SU5-32	14-132-AA	32	54	128	6	116	2,855
	SU5-34	14-134-AA	34	60	136	6	124	3,670
	SU5-36	14-136-AA	36	60	145	6	133	4,095
	SU5-42	14-142-AA	42	66	170	6	158	5,985
	SU5-48	14-148-AA	48	78	186	6	174	8,040
	SU5-54	14-154-AA	54	84	198	6	186	9,420
	SU5-60	14-160-AA	60	90	210	6	198	11,175
SU4	SU4-8	13-108-AA	8	14	33	3.5	26	90
	SU4-10	13-110-AA	10	16	35	3.5	28	130
	SU4-12	13-112-AA	12	18	47	3.5	40	175
	SU4-14	13-114-AA	14	20	51	3.5	44	240
	SU4-16	13-116-AA	16	22	59	3.5	52	315
	SU4-18	13-118-AA	18	24	63	3.5	56	365
	SU4-20	13-120-AA	20	26	73.5	4.5	64.5	485
	SU4-22	13-122-AA	22	28	73.5	4.5	64.5	520
	SU4-24	13-124-AA	24	30	85.5	4.5	76.5	720
	SU4-26	13-126-AA	26	36	96	4.5	87	1,170
	SU4-28	13-128-AA	28	36	96	4.5	87	1,205
	SU4-30	13-130-AA	30	36	108	4.5	99	1,345
	SU4-36	13-136-AA	36	42	122	4.5	113	1,995
	SU4-42	13-142-AA	42	48	137	6	125	2,820
	SU4-48	13-148-AA	48	54	161.5	6	149.5	4,100
	SU4-54	13-154-AA	54	60	178	6	166	5,400
	SU4-60	13-160-AA	60	66	192.5	6	180.5	7,300
SU3	SU3-8	12-108-AA	8	14	31	3.5	24	85
	SU3-10	12-110-AA	10	16	35	3.5	28	120
	SU3-12	12-112-AA	12	18	39	3.5	32	155
	SU3-14	12-114-AA	14	20	39	3.5	32	195
	SU3-16	12-116-AA	16	22	47	3.5	40	270
	SU3-18	12-118-AA	18	24	47	3.5	40	290
	SU3-20	12-120-AA	20	26	49.5	4.5	40.5	350
	SU3-22	12-122-AA	22	28	55.5	4.5	46.5	415
	SU3-24	12-124-AA	24	30	55.5	4.5	46.5	500
	SU3-26	12-126-AA	26	30	61	4.5	52	680
	SU3-28	12-128-AA	28	36	63.5	4.5	54.5	830
	SU3-30	12-130-AA	30	36	62	4.5	53	885
	SU3-32	12-132-AA	32	36	68	4.5	59	1,120
	SU3-34	12-134-AA	34	42	75	4.5	66	1,330
	SU3-36	12-136-AA	36	42	80	4.5	71	1,485
	SU3-42	12-142-AA	42	48	83	6	71	1,915
	SU3-48	12-148-AA	48	54	89.5	6	77.5	2,595
	SU3-54	12-154-AA	54	60	96	6	84	3,300
	SU3-60	12-160-AA	60	66	108.5	6	96.5	4,430