



**AIR
SPIRALO®**

VENTILATION DUCTS & FITTINGS

Air Spiralo® KEN-LOK CSRP Circular silencer

Application

The growing notice of a healthy and energy-saving inside climate increases the attention for mechanical ventilation and the sound level in housing and other buildings. To avoid this sound (rustle) the noise pollution by ventilation systems is restricted by high demands. By applying Air Spiralo® silencers you install a silent ventilation system that applies to the highest sound standards and prevents cross talk.

The circular Air Spiralo® silencers have a spiral outside mantle of sendzimir galvanized steel. The inside mantle is made of stretch metal. The fiber glass around the stretch metal prevents particles entering the current of air. The rock wool insulation absorbs the sound. The silencer has removable couplings with KEN-LOK rubber seal.

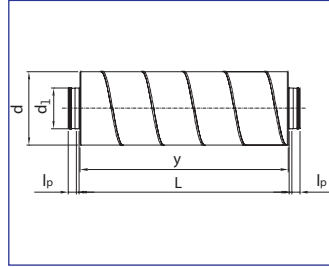
Air Spiralo® manufactures a complete series of circular and rectangular silencers with circular connections, bends and flexible silencers, all with a very low aero-dynamic resistance and unrivalled sound attenuation.

Unique features:

- Highest possible sound attenuation combined with very low resistance
- Pressure loss circular silencer: same value as for standard duct with identical length
- Intermediate damping according to ISO 7235:2003 measured by independent Peutz Group
- Insulation thickness of 50 mm and 100 mm
- Removable couplings
- A retaining fiber cloth prevents any particles entering the current of air
- KEN-LOK connections with rubber seal
- Air tightness class D according to EN 12237
- Range of Ø100 mm - Ø800 mm in various building lengths. Other lengths and/or material on request.



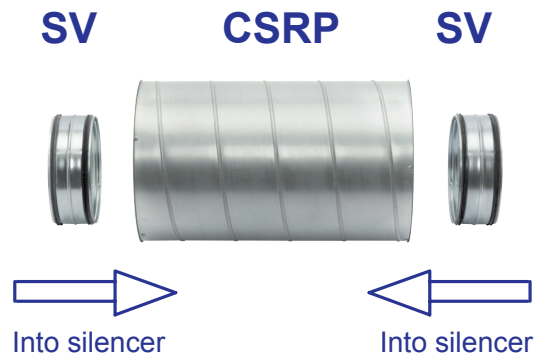
Silencer CSRP



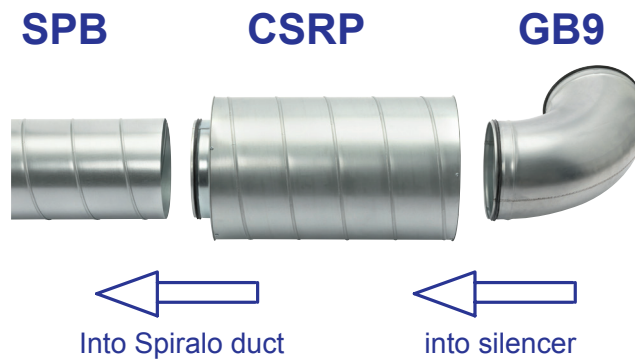
Item code	d1	d	L	lp	y	Insulation thickness (x)	Weight (kg)	63 Hz	125 Hz	250 HZ	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
CSRP010.030.05K	100	200	310	35	300	50	2.50	0	4	6	10	17	17	14	16	dB
CSRP010.060.05K	100	200	610	35	600	50	4.00	3	6	12	20	31	33	29	25	dB
CSRP010.090.05K	100	200	910	35	900	50	5.70	15	10	20	28	49	55	41	33	dB
CSRP010.120.05K	100	200	1210	35	1200	50	7.30	10	9	19	37	57	67	58	39	dB
CSRP012.030.05K	125	224	310	35	300	50	2.80	0	3	6	10	16	14	12	13	dB
CSRP012.060.05K	125	224	610	35	600	50	4.70	4	4	9	18	29	29	23	19	dB
CSRP012.090.05K	125	224	910	35	900	50	6.50	14	8	17	25	51	46	34	23	dB
CSRP012.120.05K	125	224	1210	35	1200	50	8.40	10	7	16	32	53	60	48	32	dB
CSRP015.030.05K	150	250	310	35	300	50	3.60	0	2	6	10	15	12	10	11	dB
CSRP015.060.05K	150	250	610	35	600	50	5.50	3	3	9	17	28	25	19	16	dB
CSRP015.090.05K	150	250	910	35	900	50	7.80	8	4	12	23	41	38	28	21	dB
CSRP015.120.05K	150	250	1210	35	1200	50	9.90	10	6	14	30	51	53	39	27	dB
CSRP016.030.05K	160	280	310	35	300	50	4.20	0	2	6	8	14	10	8	9	dB
CSRP016.060.05K	160	280	610	35	600	50	6.70	4	2	8	8	26	22	14	11	dB
CSRP016.090.05K	160	280	910	35	900	50	9.40	11	2	15	24	41	37	23	18	dB
CSRP016.120.05K	160	280	1210	35	1200	50	11.90	10	5	12	20	49	51	32	22	dB
CSRP018.030.05k	180	280	310	35	300	50	4.30	0	2	5	9	13	10	8	9	dB
CSRP018.060.05k	180	280	610	35	600	50	6.90	4	2	9	15	28	22	15	13	dB
CSRP018.090.05k	180	280	910	35	900	50	9.50	8	3	11	22	40	30	20	16	dB
CSRP018.120.05k	180	280	1210	35	1200	50	14.30	8	4	13	26	47	44	31	22	dB
CSRP020.030.05K	200	300	310	35	300	50	5.50	0	1	6	8	13	8	7	8	dB
CSRP020.060.05K	200	300	610	35	600	50	8.50	4	2	8	8	26	22	14	11	dB
CSRP020.090.05K	200	300	910	35	900	50	11.50	9	2	9	23	39	27	16	12	dB
CSRP020.120.05K	200	300	1210	35	1200	50	14.50	9	4	11	18	47	45	25	18	dB
CSRP025.030.05K	250	355	310	45	300	50	8.50	0	0	4	8	9	5	3	4	dB
CSRP025.060.05K	250	355	610	45	600	50	11.90	2	1	6	14	21	11	6	7	dB
CSRP025.090.05K	250	355	910	45	900	50	15.30	4	0	8	19	34	18	11	10	dB
CSRP025.120.05K	250	355	1210	45	1200	50	18.80	7	1	10	22	41	22	10	10	dB
CSRP031.060.10K	315	500	610	45	600	100	18.90	5	2	5	11	17	6	3	3	dB
CSRP031.090.10K	315	500	910	45	900	100	24.70	7	3	12	15	31	10	7	7	dB
CSRP031.120.10K	315	500	1210	45	1200	100	30.40	6	5	14	23	37	12	8	7	dB
CSRP035.060.10K	355	560	610	55	600	100	27.20	4	1	6	10	13	5	3	3	dB
CSRP035.090.10K	355	560	910	55	900	100	31.30	5	3	9	15	23	8	5	5	dB
CSRP035.120.10K	355	560	1210	55	1200	100	38.60	6	5	13	21	31	10	6	6	dB
CSRP040.060.10K	400	600	610	55	600	100	28.00	3	0	6	8	9	3	3	3	dB
CSRP040.090.10K	400	600	910	55	900	100	33.80	3	4	9	14	20	5	3	4	dB
CSRP040.120.10K	400	600	1210	55	1200	100	41.60	5	5	13	19	24	8	5	5	dB
CSRP045.060.10K	450	630	610	55	600	100	29.50	2	0	6	7	4	1	3	3	dB
CSRP045.090.10K	450	630	910	55	900	100	36.70	3	3	8	14	13	4	3	3	dB
CSRP045.120.10K	450	630	1210	55	1200	100	45.20	4	5	13	18	18	6	4	4	dB
CSRP050.060.10K	500	710	610	55	600	100	32.50	1	0	6	6	0	0	3	3	dB
CSRP050.090.10K	500	710	910	55	900	100	41.90	0	0	7	14	11	4	3	2	dB
CSRP050.120.10K	500	710	1210	55	1200	100	51.40	4	5	12	16	12	4	3	3	dB
CSRP056.060.10K	560	800	610	55	600	100	33.30	1	2	5	10	11	11	7	2	dB
CSRP056.090.10K	560	800	910	55	900	100	57.10	2	2	7	14	15	14	9	3	dB
CSRP056.120.10K	560	800	1210	55	1200	100	64.50	2	3	11	18	19	15	12	5	dB
CSRP063.060.10K	630	800	610	55	600	100	34.20	1	2	8	13	10	7	6	2	dB
CSRP063.090.10K	630	800	910	55	900	100	60.00	2	4	11	18	14	9	8	3	dB
CSRP063.120.10K	630	800	1210	55	1200	100	66.20	3	6	14	22	17	12	11	5	dB
CSRP071.060.10K	710	900	610	100	600	100	40.10	0	1	3	6	6	5	4	1	dB
CSRP071.090.10K	710	900	910	100	900	100	70.00	0	2	5	10	11	6	5	2	dB
CSRP071.120.10K	710	900	1210	100	1200	100	80.00	0	2	8	13	12	9	7	3	dB
CSRP080.060.10K	800	1000	610	100	600	100	50.20	1	3	8	9	6	4	4	3	dB
CSRP080.090.10K	800	1000	910	100	900	100	80.10	2	5	9	11	8	5	5	3	dB
CSRP080.120.10K	800	1000	1210	100	1200	100	90.00	2	6	11	16	11	9	8	5	dB

Mounting instructions

From Ø100 mm - Ø800 mm the couplings are removable



Mounting a fitting straight to the silencer



Delivery

Standard delivery with protective foil to prevent dirt





VENTILATION DUCTS & FITTINGS

Air Spiralo® KEN-LOK®

Spiralo ducts and fittings

Dampers

Silencers

Access doors

Damp proof

Fire dampers

Isolated

Marine

Air distribution systems

Air Spiralo®

Rectangular ducts and fittings

Finishing panels

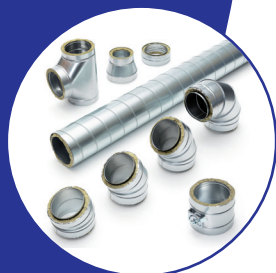
Ventilation hoods

Flexible ducts

Components

Mounting material

Ducting ancillaries



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ENG-04-2018