

Series  
**SR**



■ **Applications**

The plate silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems. Suitable for installation into rectangular ducts. The silencer reduces the noise level in the air duct significantly (refer the diagram «Noise level reduction»). The silencer is applied jointly with the sound-insulated fan

in case of high noise level requirements not only to the air duct but to the equipment in general.

■ **Design**

Silencer casing and plate shells are made of galvanized steel. The plates are filled with flameproof sound insulating material with protecting covering to prevent the fiber blowing-out.

■ **Mounting**

The mounting is performed by means of flange connection with respect to air flow direction (indicated with an arrow on the casing). The straight portion of at least 1 m long before the silencer is recommended to provide the peak efficiency. Installation in series is preferable to attain the better effect.

	Noise level reduction, dB (Octave-frequency band [Hz])							
	63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
SR 400x200	3	7	10	23	27	30	25	22
SR 500x250	3	6	11	22	26	25	27	22
SR 500x300	3	6	10	23	24	25	23	18
SR 600x300	3	6	10	21	24	30	24	17
SR 600x350	3	5	11	22	25	29	24	21
SR 700x400	4	7	10	15	22	19	21	18
SR 800x500	5	6	11	17	21	20	22	20
SR 900x500	3	6	10	16	20	20	21	15
SR 1000x500	4	6	11	16	21	21	23	17

Designation key:

Series	Flange dimensions (WxH) [mm]
SR	400x200; 500x250; 500x300; 600x300; 600x350; 700x400; 800x500; 900x500; 1000x500

**Overall dimensions:**

Type	Dimensions [mm]							Weight [kg]
	B	B1	B2	H	H1	H2	L	
SR 400x200	400	420	440	200	220	240	950	18.5
SR 500x250	500	520	540	250	270	290	950	20.5
SR 500x300	500	520	540	300	320	340	950	24.5
SR 600x300	600	620	640	300	320	340	950	26.5
SR 600x350	600	620	640	350	370	390	950	28.7
SR 700x400	700	720	740	400	420	440	1010	36.7
SR 800x500	800	820	840	500	520	540	1010	50.0
SR 900x500	900	920	940	500	520	540	1010	51.7
SR 1000x500	1000	1020	1040	500	520	540	1010	57.3

