



GGLX50S

SOLID SOUND ATTENUATORS

GGLX50S: Straight, sound attenuator with 50mm thick mineral wool filling. The sound absorber consists of a perforated sheet steel tube enclosed by end pieces and a sheet steel casing. The space between the tube and casing is filled with attenuating material covered with non-woven fabric as protection against fibre migration. Silicone free.

Operation and maintenance

The product can be used without any maintenance other than cleaning, which should be done with a nylon brush as part of normal duct cleaning. The frequency of cleaning should be the same as that specified for the entire ventilation system.

SPECIFICATIONS

Article code: GGLX50S{Ø}/L
Temperature range: -30 °C to 100 °C
Operating pressure: up to +3000 Pa
Operating air velocity: max. 20 m/s

Standard diameter range: 080 – 450 mm
Standard length: 0,6+0,9 mtr

Diameter	Length	Attenuation, dB - Mid-frequency, Hz								Diam.Ext.
mm	Mtr	63	125	250	500	1000	2000	4000	8000	mm
080	0.6	3	7	14	28	45	46	45	23	200
	0.9	3	10	22	39	45	50	47	33	200
100	0.6	3	7	12	23	37	45	35	21	200
	0.9	3	10	17	31	43	49	45	28	200
125	0.6	2	4	9	19	33	38	29	13	225
	0.9	3	7	14	28	40	47	42	20	225
140	0.6	2	4	8	18	32	34	22	10	260
	0.9	3	6	13	26	40	45	37	16	260
150	0.6	2	4	8	18	32	33	19	10	260
	0.9	2	6	12	26	39	44	34	15	260
160	0.6	2	4	7	17	30	32	17	9	260
	0.9	2	5	11	25	37	40	26	12	260
180	0.6	1	3	7	15	27	26	15	8	300
	0.9	2	5	10	24	35	36	23	11	300
200	0.6	1	3	7	14	25	23	14	8	300
	0.9	2	5	9	22	33	31	19	10	300
224	0.6	1	2	6	14	23	18	12	6	325
	0.9	1	3	8	20	31	27	15	9	325
250	0.6	1	2	6	14	22	15	9	5	355
	0.9	1	3	7	18	29	23	12	7	355
280	0.6	1	2	6	13	18	13	7	5	380
	0.9	1	3	7	17	25	19	10	6	380
300	0.6	1	2	5	13	15	11	6	4	415
	0.9	1	3	7	17	23	17	9	6	415
315	0.6	1	2	5	13	14	10	6	4	415
	0.9	2	5	7	17	20	15	8	6	415
355	0.6	1	2	4	12	12	8	5	3	455
	0.9	2	4	7	16	18	13	8	5	455
400	0.6	1	3	5	10	10	5	4	2	500
	0.9	2	4	7	14	17	10	7	5	500
450	0.6	-	-	-	-	-	-	-	-	550
	0.9	2	3	7	13	15	10	7	5	550

LIABILITY:

The information contained in this brochure was current on the publication date. DEC INTERNATIONAL reserves the right to make changes in details at any time without prior notice. In order to avoid misunderstandings, any interested party is advised to contact DEC INTERNATIONAL checking for any changes in materials and/or information after this brochure was published.

PLEASE NOTICE:

The consultant is responsible for the actual installation and mounting of the product. The mentioned values with respect to temperatures are not appropriate to be used to determine the physical properties. These properties are also dependent on humidity and the temperature of the air inside and outside of the H.V.A.C. system.

TRADEMARKS:

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RESTRICTIONS:

The GGLX ducts are not suitable for discharging combustion products from open fireplaces and oil-fired boilers. Neither are the ducts suitable for transporting air with a high concentration of acid and base.

