



GGLX-R

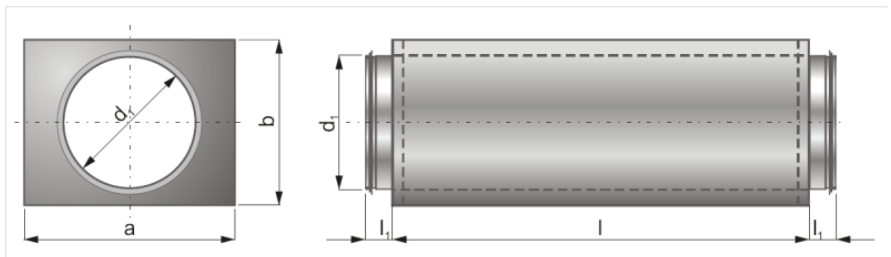
RECTANGULAR SOLID SOUND ATTENUATORS

GGLX-R: RECTANGULAR SILENCER WITH CIRCULAR CONNECTION

Usage: Rectangular silencers are designed to absorb the noise in an air conditioning or ventilation ductwork system. The silencers can be used and are suitable for usage in low- and mid pressure air-conditioning or ventilation systems. Silencers GGLX-R are created for an installation in places with lowered height.

CONSTRUCTION

- With double edged gasket
- the outercover: galvanized sheet
- Inner cover: perforated sheet
- isolating layer: mineral wool



SPECIFICATIONS

Article code:	GGLX-R{Ø}/L	Standard diameter range:	100 – 400 mm
Temperature range:	-30 °C to 100 °C	Standard length:	0,5+1,0 mtr
Operating pressure:	-1500Pa up to +2000 Pa		
Operating air velocity:	max. 20 m/s		

PRESSURELOSS/DIMENSIONS

Type	Dimensions				Pressureloss DPt (Pa)					W (kg)
	a mm	b mm	c mm	d mm	2 m/s	4 m/s	6 m/s	8 m/s	10 m/s	
GGLX-R100/0,5	210	160	500	35	0	2	4	7	12	3,2
GGLX-R125/0,5	240	180	500	35	1	3	6	11	17	3,9
GGLX-R160/0,5	280	220	500	35	1	4	8	15	23	4,4
GGLX-R200/0,5	330	250	500	35	0	1	3	6	9	5,7
GGLX-R250/0,5	390	310	500	35	1	2	5	8	13	7,2
GGLX-R315/0,5	450	370	500	35	1	3	6	11	18	9,2
GGLX-R400/0,5	550	460	500	55	0	1	2	4	6	12,7
GGLX-R100/1,0	210	160	1000	35	0	1	3	5	7	5,6
GGLX-R125/1,0	240	180	1000	35	0	0	1	2	3	6,9
GGLX-R160/1,0	280	220	1000	35	0	1	1	3	4	7,9
GGLX-R200/1,0	330	250	1000	35	0	1	2	4	6	10,1
GGLX-R250/1,0	390	310	1000	35	0	0	1	1	2	13,0
GGLX-R315/1,0	450	370	1000	35	0	0	1	2	3	16,4
GGLX-R400/1,0	550	460	1000	55	0	1	1	3	4	21,6

Type	Sound attenuation (dB)							
	63 Hz	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz	8k Hz
GGLX-R100/0,5	9	12	12	22	43	44	30	19
GGLX-R125/0,5	7	9	12	22	34	35	24	13
GGLX-R160/0,5	6	7	11	19	27	26	15	11
GGLX-R200/0,5	4	6	9	15	24	18	8	8
GGLX-R250/0,5	4	5	7	16	20	16	7	6
GGLX-R315/0,5	2	4	7	15	16	10	5	5
GGLX-R400/0,5	-	-	-	-	-	-	-	-
GGLX-R100/1,0	16	18	24	41	49	50	49	31
GGLX-R125/1,0	18	15	22	38	50	49	46	22
GGLX-R160/1,0	10	11	20	35	49	50	23	18
GGLX-R200/1,0	10	12	16	30	45	37	15	13
GGLX-R250/1,0	11	8	15	31	40	27	13	9
GGLX-R315/1,0	9	9	14	27	34	19	9	9
GGLX-R400/1,0	-	-	-	-	-	-	-	-

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:

The DEC logo and DEC International are trademarks, or registered trademarks of Dutch Environment Corporation BV in the Netherlands and/or other countries.

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.