

REGULAR UNDERSEAT DISPLACEMENT TERMINALS

TYPE: DUG

DESCRIPTION

Supply air for cinemas, theatres and auditoriums. DUG is made of sheet steel and powder coated in white RAL 9010. Mount DUG in the terrace risers or in the floor, preferably under the seat.



GENERAL DATA

Unit size: 200-50, 300-50, 400-50, 500-50.

Airflow rates: 8-25 l/s.

Pressuredrop: approx. 5-20 Pa.

CLEANING

Disconnect the unit. (Remove screws.)

MAINTENANCE

Cleaning is required when dirt has become visible on the unit. Use a damp cloth, possibly with a little dishwashing detergent.

PERFORMANCE DATA

The soundlevel is applicable at an quivalent sound absorption area of 10m².

Sound power level L_w db.

Soundlevel L_w db (A) (see diagram 1)

Correction factor: K_o db from table 2

$$L_w = L_A + K_o$$

Attenuation in table 3 is incl. office attenuation.

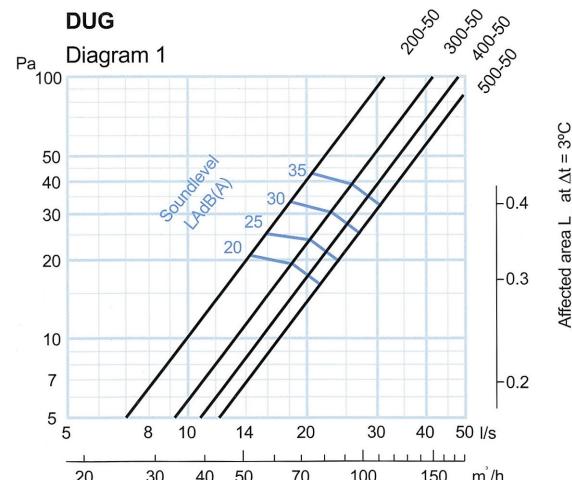
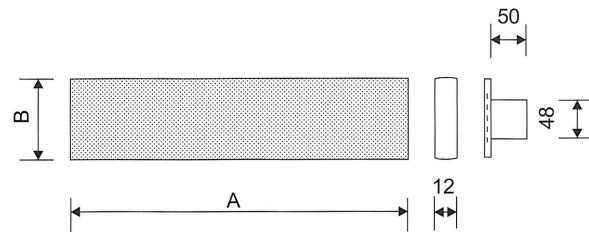


Table 1 DUG

Size	A	B	Connection	Holem.
200-50	300	100	198-48	200x50
300-50	400	100	298-48	300x50
400-50	500	100	398-48	400x50
500-50	600	100	498-48	500x50

Table 2 Correction Ko dB DUG

Size	Mid-frequency (Octave band) Hz							
	63	125	250	500	1000	2000	4000	8000
200-50	+9	+2	+1	0	0	-1	-2	-4
300-50	+10	+4	+1	0	0	-2	-6	-8
400-50	+11	+6	+2	+1	0	-5	-12	-14
500-50	+12	+8	+5	+3	-2	-9	-16	-17
Tol ± 3 dB								

Table 3 Attenuation DUG

Size	Mid-frequency (Octave band) Hz							
	63	125	250	500	1000	2000	4000	8000
200-50	18	16	14	12	10	10	8	8
300-50	17	14	12	10	8	9	7	7
400-50	15	12	10	8	6	7	6	5
500-50	14	10	6	4	4	5	4	3
Tol ± 3 dB								