

ROUND UNDERSEAT DISPLACEMENT TERMINALS

TYPE: DUS

■ DESCRIPTION

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

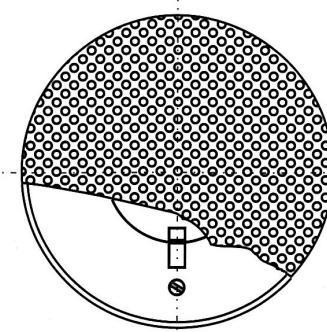


■ GENERAL DATA

Unit size: Ø100.
Airflow rates: 10-18 l/s.
Pressuredrop: approx. 30 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.

■ DIMENSIONS

ØD Connecting dimension to the duct.

■ PERFORMANCE DATA

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

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.

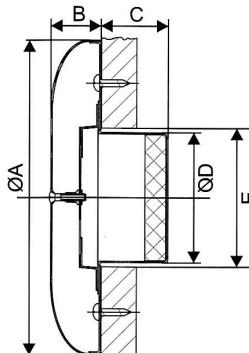


Table 1 DUS

Size	ØA	B	C	ØD	E
100	185	37	45	98.5	100

Table 2 Correction K_o dB DUS

Size	Mid-frequency (Octave band) Hz							
	63	125	250	500	1000	2000	4000	8000
100	+12	+4	+1	0	0	-2	-4	-4

Tol ± 3 dB

Table 3 Attenuation DUS

Size	Mid-frequency (Octave band) Hz							
	63	125	250	500	1000	2000	4000	8000
100	18	13	9	4	6	8	7	6

Tol ± 3 dB

DUS 100

Diagram 1

