

DSO(S) EXHAUST AIR VALVE

AIR MANAGEMENT SYSTEMS

PRODUCT PROPERTIES

DSO is an exhaust valve suitable for houses, offices etc.

- Good adjusting features
- Low noise level
- Good sound attenuation features
- Quick and easy to install
- Airflow easy to measure

CONSTRUCTION

The **DSO** is manufactured from steel sheet, powder coated. Standard color white (RAL 9010) (DSO150=RAL9003).

The body is equipped with cellular plastic gasket to form an airtight seal. Adjustment of the airflow is simple, the inner cone being rotated to the required setting and locked in the position with a single nut.

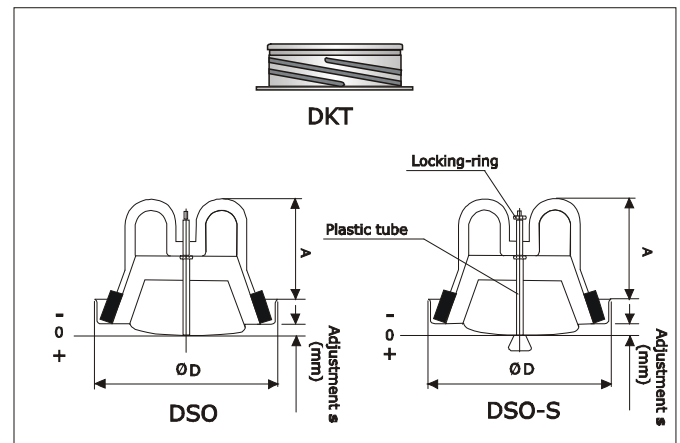
For mounting a mounting-ring **DKT** can be ordered.

Sauna valve **DSO-S** can be opened and closed simply by pushing or pulling the wooden knob. Max. opening is adjusted by moving the retaining ring. Min. opening, which is pre-adjusted into pos. 0 mm, can be adjusted by shortening the plastic tube. Max. working temperature +120°C.



DIMENSIONS in mm

DSO	Ø D	A	W (gr)
100	134	71	300
125	160	88	390
150	191	88	570
160	191	88	570
200	241	106	760
DSO-S	Ø D	A	W (gr)
100	134	71	310



REGULATION AND MEASUREMENTS

Regulation of airflow is achieved by turning the control disc to change adjustment dimension s (mm). The measurement of airflow is made by a pressure difference measurement with a separate measuring tube. Refer to airflow measurement diagrams for information.

LIABILITY:

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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.

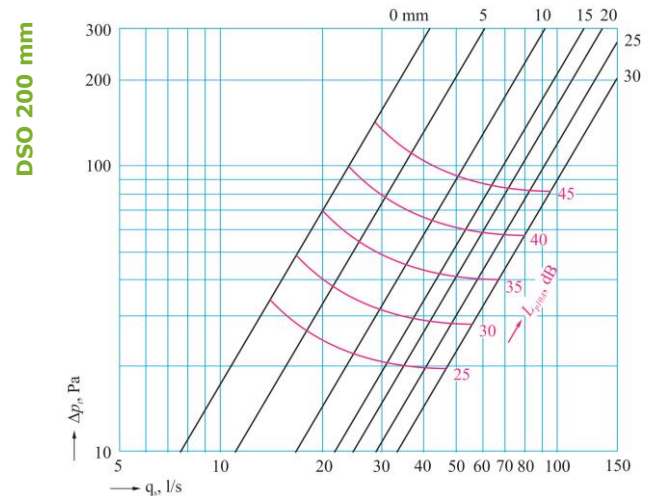
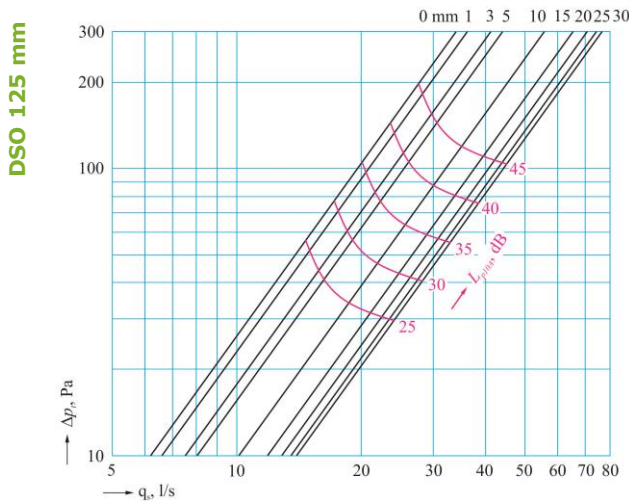
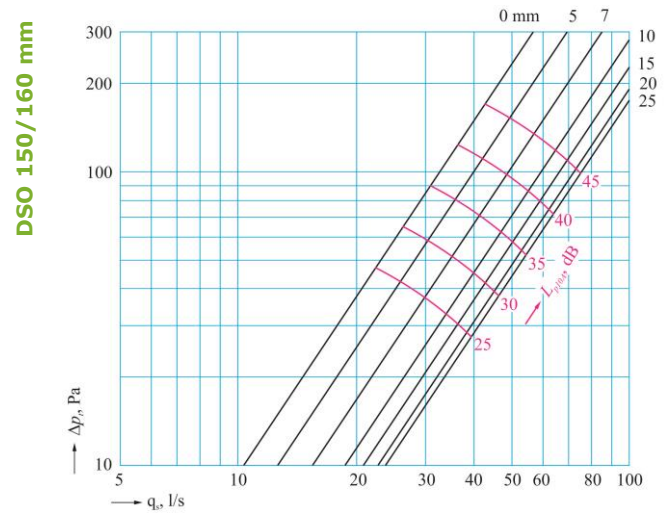
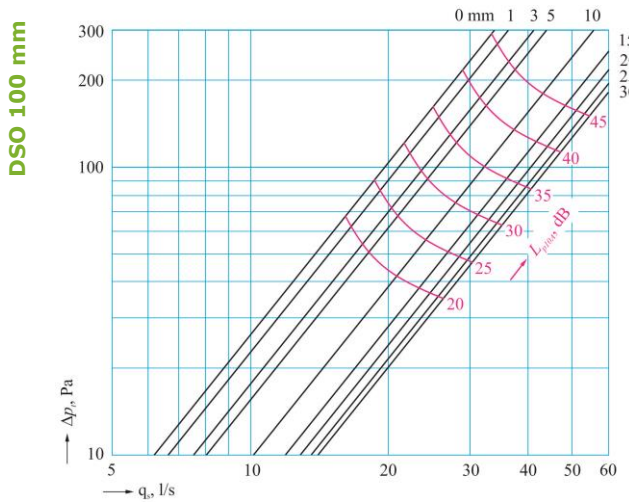
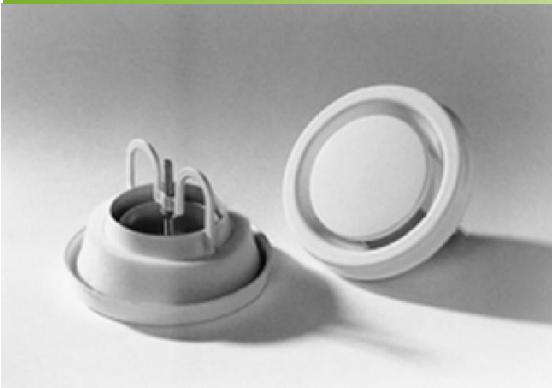
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DEFINITIONS

q_v	air volume	(l/s)
Δp_t	total pressure drop	(Pa)
L_{p10A}	sound pressure level with 4 dB room attenuation (10 m ² sab)	[dB(A)]

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