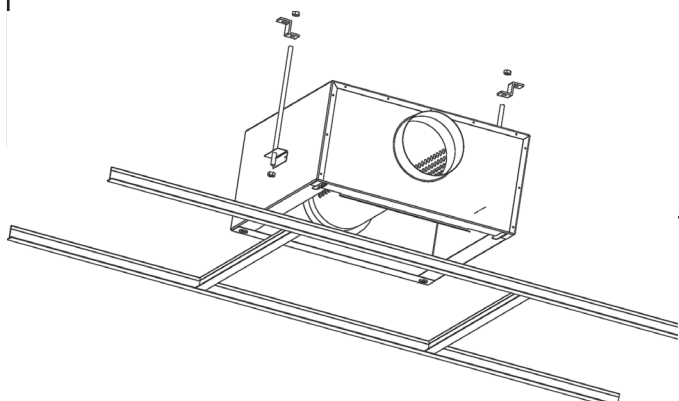
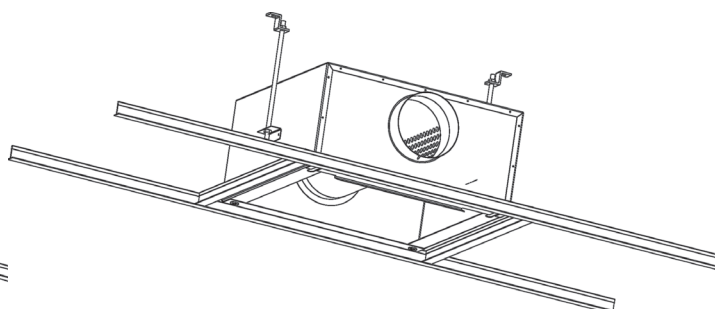


AIR DEVICE S44

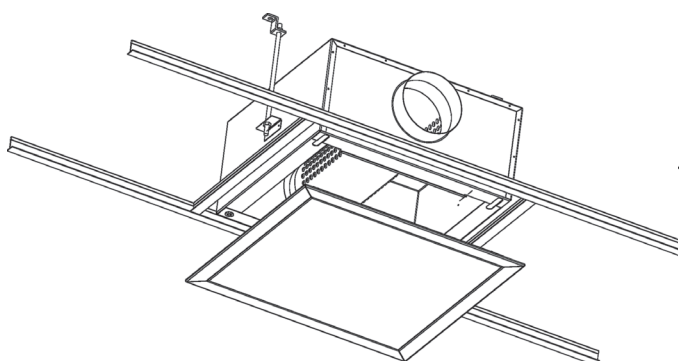
-Installation-



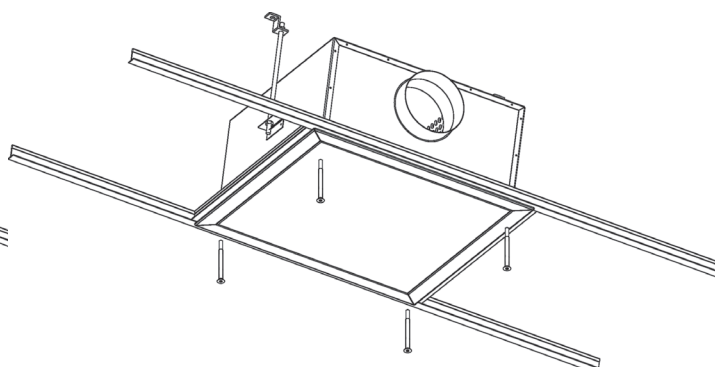
Install the S44 with e.g. threaded rods to the ceiling



Lower the box to the right height

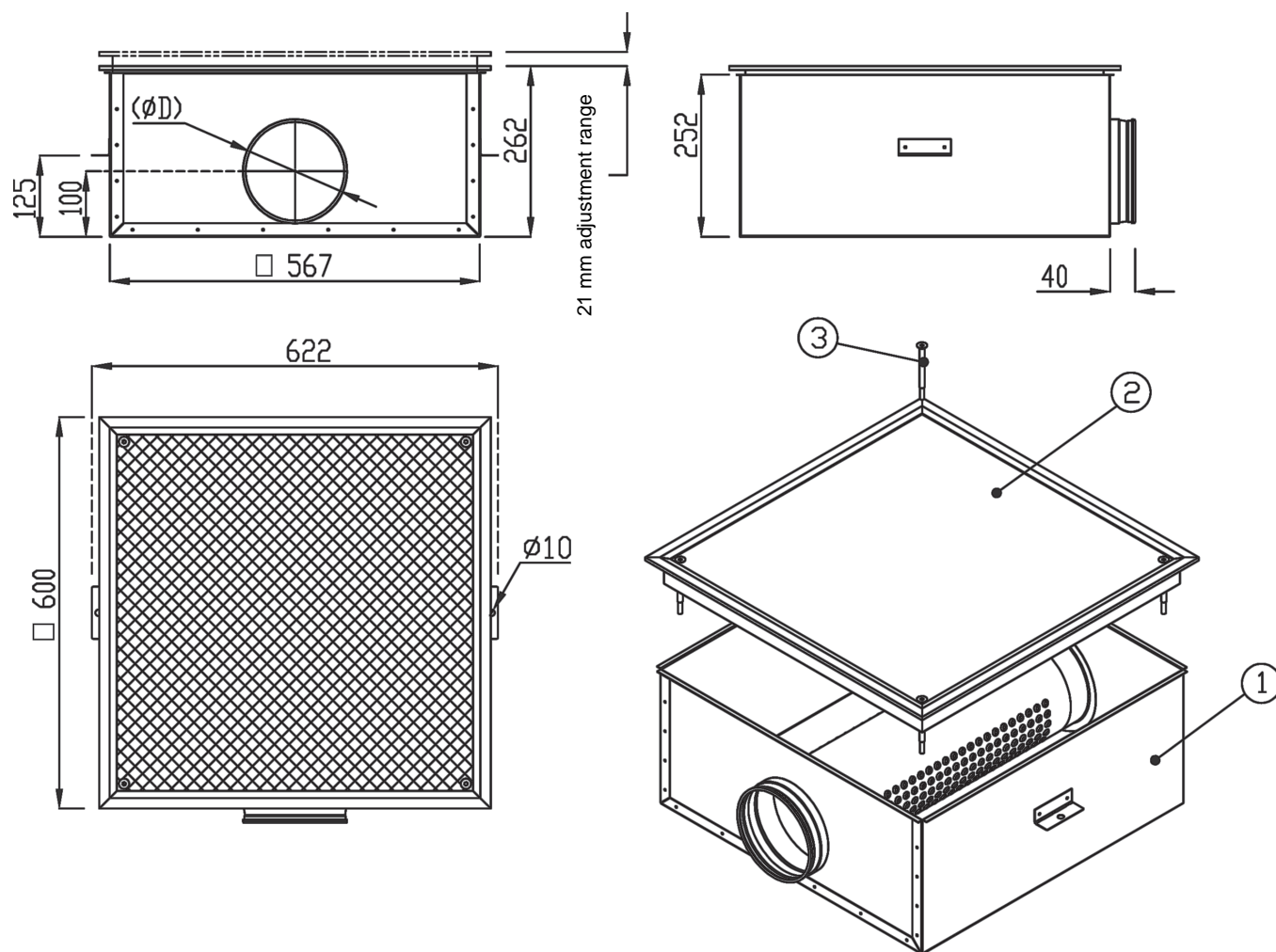


Twist the grille to the desired direction. The air direction is marked with an arrow above the grille. The air should be blown against the wall to guarantee the best air distribution (stratifying).



Install the grille to the supply box. The grille can be adjusted 21 mm in height.

Dimensions



- 1. Supply box
- 2. Grille
- 3. Fastening screws

Air device	Nozzles (all open)	Max. Air volume with different pressures (Pa), dm ³ /s					
		60	70	80	90	100	120
S44-160	222	52	56	60	63	67	73
S44-200	320	74	80	86	91	96	105

Operation and maintenance

Description

The S44 is an square-shaped, in one direction blowing air device. The S44 is suitable for isothermal and cold air.

The optimum distance from the wall is 300 - 600 mm (max. 1200 mm). The minimum distance between two S44 air devices is 1200 mm in all directions. The recommended straight duct length before the device is min. 600 mm.

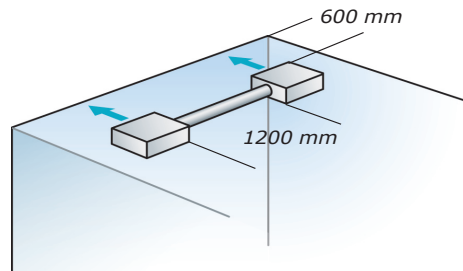
Maintenance

The grille is cleaned with an wet rag or vacuum cleaner. If necessary use a mild cleaner (don't use solvents). Take the grille away from the box when cleaned.

Balancing

The S44 air device is delivered adjusted to an desired airflow with a certain pressure. The pressure, airflow and amount of open nozzles is mentioned on the sticker inside the box.

When making control measurements in the building measure the air-pressure from the nozzle (Pa).



$$q = A \cdot k \cdot \sqrt{P}$$

q = air volume (l/s)

A = open nozzles

k = nozzle k-factor (0,03)

P = pressure (Pa), measured from the nozzle



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