

GmghYa Ujf TSP

Installation instruction



Cleaning

The diffusers Systemair TSP normally requires no cleaning, but may be cleaned with lukewarm water and a mild detergent.

Dismounting

Loosen the damper by loosening the two domed nuts on the outside of the connection.

Adjustment

See below.

K-faktor Size	Air gap		
	10 mm	20 mm	30 mm
TSP-100	6,2	9,4	12,1
TSP-125	8,0	12,4	15,8
TSP-160	10,4	16,6	23,0
TSP-200	11,9	18,9	26,1
TSP-250	16,0	26,9	38,8

Example

Formula given

$$q = k \cdot \sqrt{P_i}$$

Where

- q = airflow (l/s)
- k = K-factor
- P_i = adjustment pressure (Pa)

Adjustment

Use the cord to adjust the damper until the required airflow is reached acc. to formula.

Using the formula to calculate airflow

Size	TSP 160
Gap	30 mm
K-factor (from label)	23,0
Measured pressure	10 Pa

Entered in the equation:

$$q = 23,0 \cdot \sqrt{10} = 72,7 \text{ l/s}$$