

TSP

Installation instruction



Cleaning

The diffusers 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.

K-factor

K-factor 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)

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

Adjustment

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