

TSR

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	40 mm
TSR-100	5,6	7,5	8,8	8,8
TSR-125	7,1	9,6	11,7	13,4
TSR-160	8,1	11,4	14,9	17,5
TSR-200	12,2	18,2	23,2	28,3
TSR-250	13,4	19,6	26,4	32,2

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: TSR-160
 Gap: 30 mm
 K-factor (from label): 14,9
 Measured pressure: 10 Pa

Entered in the equation:
 $q = 14,9 \cdot \sqrt{10} = 47 \text{ l/s}$

Adjustment

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