

# 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<sub>i</sub> = 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.