THOR

Installation instructions



K-factor

K-factor size	Supply air
THOR-100-125	5,3
THOR-125-160	9,2
THOR-160-200	15,9
THOR-200-250	26
THOR-250-315	41,7
THOR-315-400	71,9

Cleaning

Remove the damper by pulling it straight out. The thread mechanism, if not rotated, will keep the damper adjustment fixed during the cleaning. The K-factors for supply air applies for combination with all Systemair diffusers.

Correct adjustment for supply air requires a straight path, $4 \times$ the duct diameter before the THOR plenum box.

Example

Formula given

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

Where: q = airflow (I/s)

k = K-factor

Pi = adjustment pressure (Pa)

Using the formula to calculate airflow

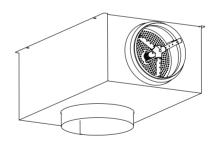
THOR-100-125 Size: Required airflow: 25 litres per second

K-factor (from label): 5,3 Measured pressure: 22 Pa

Entered in the equation: $q = 5.3 \cdot \sqrt{22} = 25 \text{ l/s}$

Adjustment

Rotate the bowden to adjust the damper until the required airflow is reached acc. to formula.



Supply air

Measure the adjustment pressure using the two

transparent hoses.