

ODEN

Installation instructions



Cleaning

Remove the damper by pulling it straight out.
The thread mechanism, if not rotated, will keep the damper adjustment fixed during the cleaning.

K-factor

K-factor size	Supply air
ODEN-200×100	9,2
ODEN-300×100	15,9
ODEN-400×100	15,9
ODEN-500×100	26
ODEN-300×150	26
ODEN-400×150	41,7
ODEN-500×150	41,7
ODEN-500×200	71,9
ODEN-600×200	71,9

The K-factors for supply air applies for combination with all Systemair diffusers.

Correct adjustment for supply air requires a straight path, 4 × the duct diameter before the ODEN plenum box.

Example

Formula given

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

Where: q = airflow (l/s)
 k = K-factor
 Pi = adjustment pressure (Pa)

Using the formula to calculate airflow

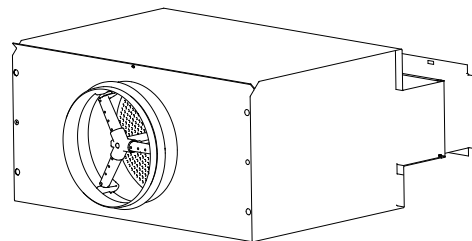
Size: ODEN-200×100
Required airflow: 43 litres per second
K-factor (from label): 9,2
Measured pressure: 22 Pa

Entered in the equation:

$$q = 9,2 \cdot \sqrt{22} = 43 \text{ l/s}$$

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.