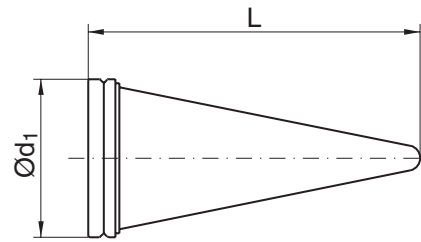


Duct filter

STR



Dimensions



Ød ₁ Nm	L mm	tolerance mm	area m ²	m kg
100	220	± 20	0,04	0,04
125	260	± 20	0,05	0,08
160	340	± 20	0,09	0,12
200	420	± 25	0,14	0,16
250	540	± 30	0,22	0,23
315	670	± 30	0,34	0,36
400	860	± 35	0,55	0,59
500	1100	± 50	0,89	0,72
630	1350	± 50	1,37	0,91

Description

The duct filter fits in all fittings with a Safe-groove. To install the filter in a T-piece means a simple mounting and replacing.

The special tapered shape gives 4–5 times larger filter area than the equivalent duct cross section area, giving lower pressure drop and longer exchange intervals than the equivalent flat filter.

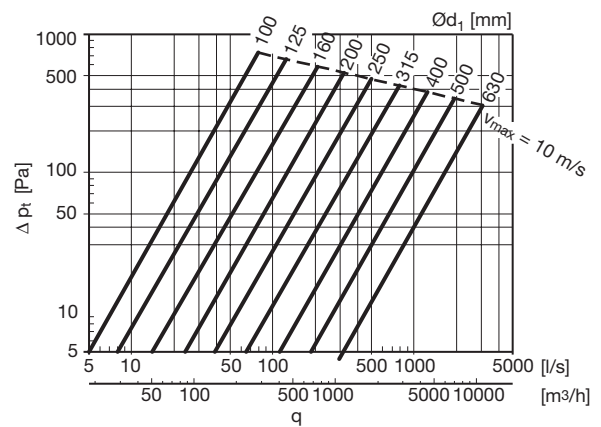
Standard filter class is G4, but class M5 is optionally available. The diagram shows the pressure drop across a clean filter, including T-piece. The filter can be used to twice this pressure drop. It is a good idea to dimension the system for the average value.

$$\Delta p_{t \text{ dim}} = 1,5 \cdot \Delta p_{t \text{ clean}}$$

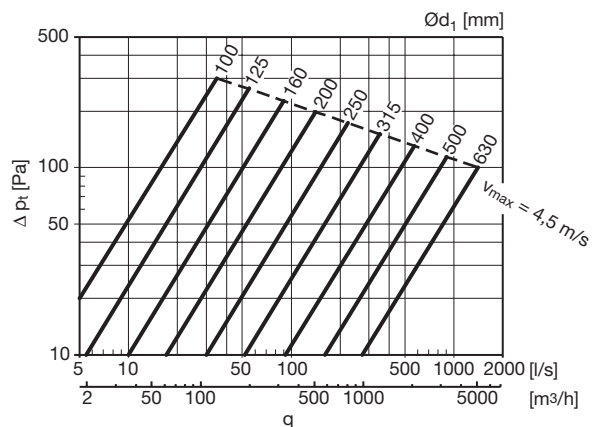
Max temperature = 120 °C
Highest recommended air speed in the duct.

Filter class	v _{max} (m/s)
G4	10
M5	4,5

Filter class G4



Filter class M5



Ordering example

Product STR Dimension Ød₁ 200 Filter class G4