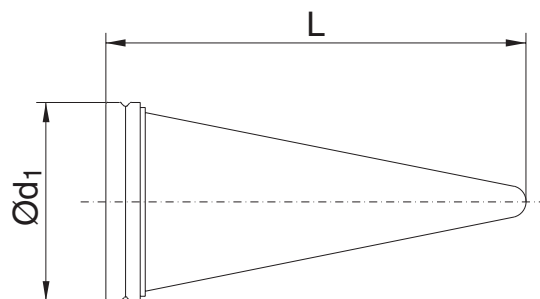


Duct filters

F-STR



Dimensions



Description

F-STR duct filters are designed for installation at the point of connection between round ducts and ventilation fittings. The conical filter element form provides better filtration efficiency and reduces the pressure loss across the filter. The standard filtration class is EU4 or EU5. The maximum operating temperature is 120°C.

Maximum recommended flow velocity:

- class EU3 — V = 14 m/s
- class EU4 — V = 10 m/s
- class EU5 — V = 4.5 m/s

Product code example

Product code: **F-STR - aaa - E4**

type _____
 Ød _____
 filtration class _____

$\text{Ø}d_{nom}$ (mm)	L (mm)	Surface area (m ²)	Weight (kg)
100	220 +/- 20	0.04	0.03
125	260 +/- 20	0.05	0.05
160	340 +/- 20	0.08	0.09
200	420 +/- 25	0.13	0.13
250	540 +/- 30	0.22	0.21
315	670 +/- 30	0.36	0.33
400	960 +/- 35	0.55	0.54
500	1100 +/- 50	0.69	0.96
630	1350 +/- 50	1.37	1.34

Duct filters

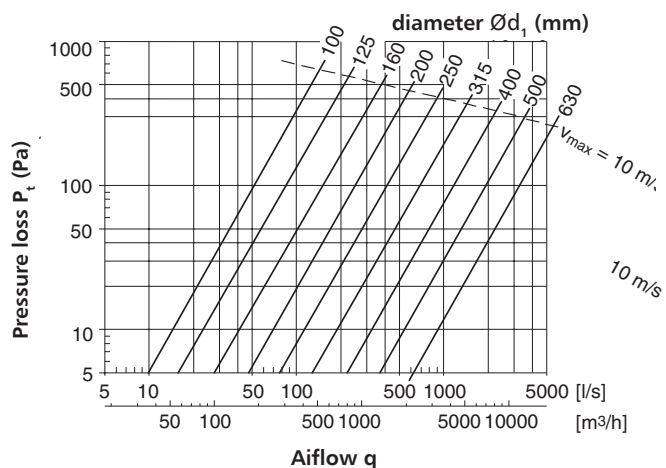
F-STR

Technical specifications

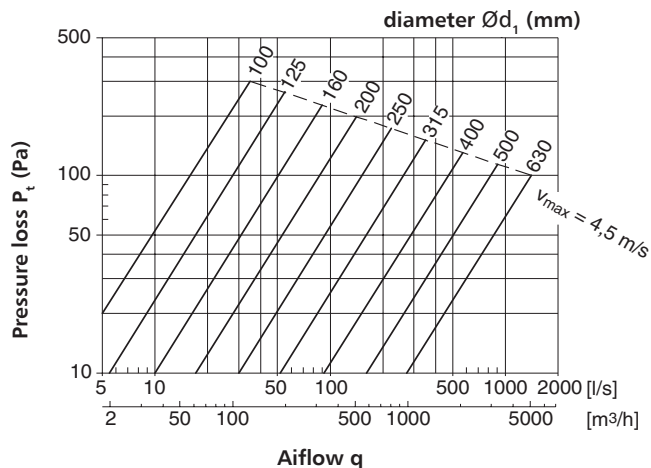
Pressure loss:

It is highly recommended that the total final pressure loss should be set at: $P_k = 1.5P_t$ — check the value of P_t in the charts below.

EU3 filtration class



EU5 filtration class



EU4 filtration class

