AKU-COMP-2000

Flexible silencer with metal sleeves
- easy to connect on Spiro ducts

Type A = Aluminium cover (difficult to ignite)
Type P = Polyethene cover

Uses

Aku-Comp 2000 is used as a sound attenuating connection between ventilation unit and duct. The sound absorption is especially good in the lower octave bands.

Design

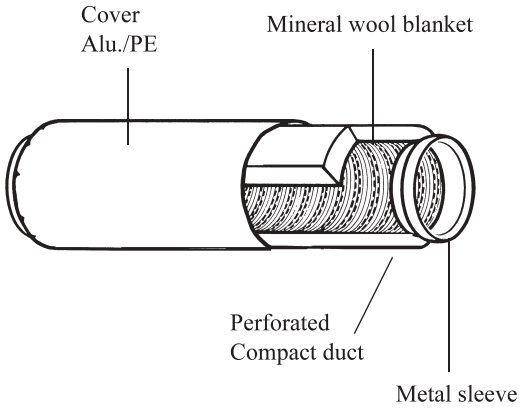
Aku-Comp 2000 is made of a flexible, perforated Compact duct, encased in 25 mm mineral wool.
Coating Type A: durable, armoured aluminium film.
Coating Type P: grey or white PE plastic.
Fitted with metal sleeves at both ends to make installation easy and ensure tight connection.

Aku-Comp 2000 Type A complies with the demands for materials difficult to ignite.

The silencer is flexible and compressible, but should be extended to full length for best possible sound absorption.

Standard length

0,25 m extensible to 0,6 m.
0,55 m extensible to 1,2 m.



When ordering, please state:

Art. No. Aku-Comp 2000 - 125

State type A or P
Product
Dimension

Measured sound reduction dB

Length: 0,6 m
Measured sound reduction for Aku-Comp 2000 (fully extended, straight; Swedish test method GLSM.)

Medium frequency in octove band (Hz).

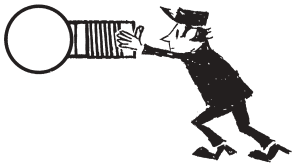
Dim (mm)	Length (m)	125	250	500	1000	2000	4000	8000
80	0,6	23	32	33	29	34	16	10
100	0,6	21	31	27	24	20	9	7
125	0,6	20	25	22	20	20	10	8
160	0,6	14	20	19	17	17	8	6
200	0,6	13	18	13	12	15	7	5
250	0,6	15	17	12	12	17	7	5
315	0,6	13	13	8	10	10	5	3

Length: 1,2 m
Measured sound reduction for Aku-Comp 2000 (fully extended, straight; Swedish test method GLSM.)

Medium frequency in octove band (Hz)

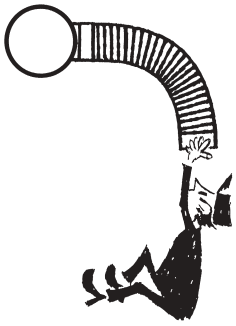
Dim (mm)	Length (m)	125	250	500	1000	2000	4000	8000
80	1,2	29	40	43	38	42	24	16
100	1,2	27	35	33	37	42	33	16
125	1,2	30	34	29	34	40	38	17
160	1,2	20	30	28	28	37	36	14
200	1,2	20	30	23	24	35	23	14
250	1,2	28	22	17	19	21	8	7
315	1,2	21	18	15	17	17	8	6

How to install

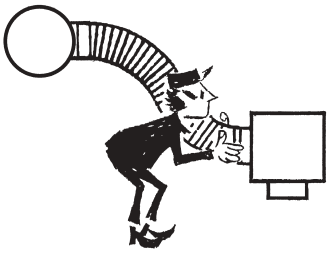


1. Fit

2. Extend

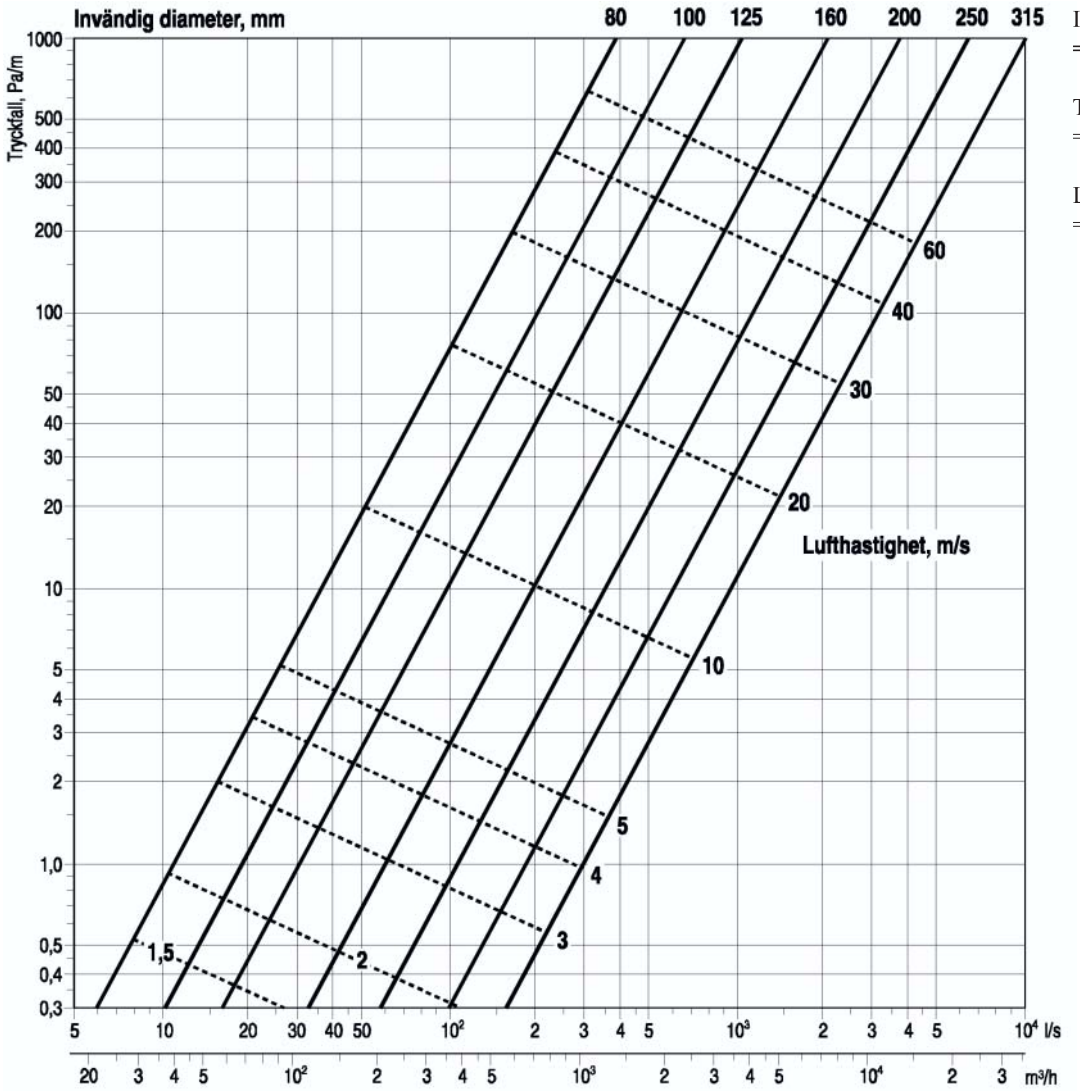


3. Adjust



4. Connect

Pressure drop diagram, straight ducts



Invändig diameter, mm
= Inner diameter, mm

Tryckfall, Pa/m
= **Pressure drop, Pa/m**

Lufthastighet, m/s
= **Air speed, m/s**