Flexible silencer
AKU-COMP

Uses

Aku-Comp is used as a sound attenuating connection between ventilation unit and duct. The sound absorption is especially good in the lower octave bands. Handles air pressure between 0-1000 Pa.

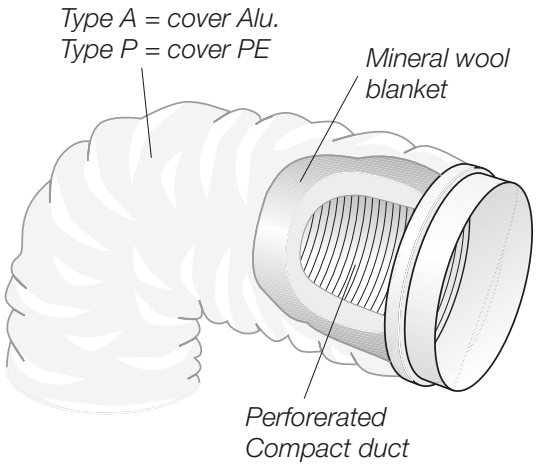
Design

Type A = Aluminium cover (Fire class A1)
Type P = Polyethene cover

Aku-Comp is made of a flexible, perforated Compact duct 0,12 mm, encased in 25 mm mineral wool.
Coating Type A: durable, armoured aluminium film.
Coating Type P: grey PE plastic.
Fitted with metal sleeves at both ends to make installation easy and ensure tight connection.

Aku-Comp Type A complies with the demands for non-combustible material. Euro class A1, according to EN 13501-1.

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



Max. operating temperature

+80°C.

Standard length

0,28 m extensible to 0,6 m.
0,55 m extensible to 1,2 m.

When ordering, please state

Flexible silencer AKU-Comp - 125

Product
Dimension

Measured sound reduction dB

Length: 0,6 meter

Measured sound reduction for Aku-Comp
(fully extended, straight; Swedish test method SS-EN ISO 7235).

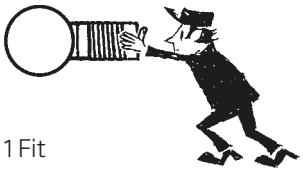
Dim Ø mm	Length m	Medium frequency in octave band (Hz)							
		63	125	250	500	1000	2000	4000	8000
80	0,6	25	23	32	33	29	34	16	10
100	0,6	27	21	31	27	24	20	9	7
125	0,6	25	20	25	22	20	20	10	8
160	0,6	20	14	20	19	17	17	8	6
200	0,6	23	13	18	13	12	15	7	5
250	0,6	19	15	17	12	12	17	7	5
315	0,6	16	13	13	8	10	10	5	3

Length: 1,2 meter

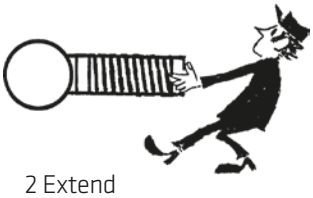
Measured sound reduction for Aku-Comp
(fully extended, straight; Swedish test method SS-EN ISO 7235).

Dim Ø mm	Length m	Medium frequency in octave band (Hz)							
		63	125	250	500	1000	2000	4000	8000
80	1,2	29	29	40	43	38	42	24	16
100	1,2	33	27	35	33	37	42	33	16
125	1,2	26	30	34	29	34	40	38	17
160	1,2	17	20	30	28	28	37	36	14
200	1,2	13	20	30	23	24	35	23	14
250	1,2	25	28	22	17	19	21	8	7
315	1,2	28	21	18	15	17	17	8	6

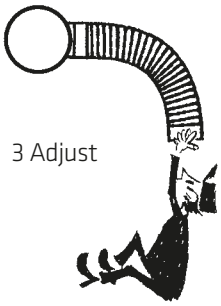
How to install



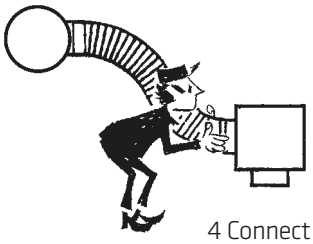
1 Fit



2 Extend



3 Adjust



4 Connect

Pressure drop diagram, straight ducts