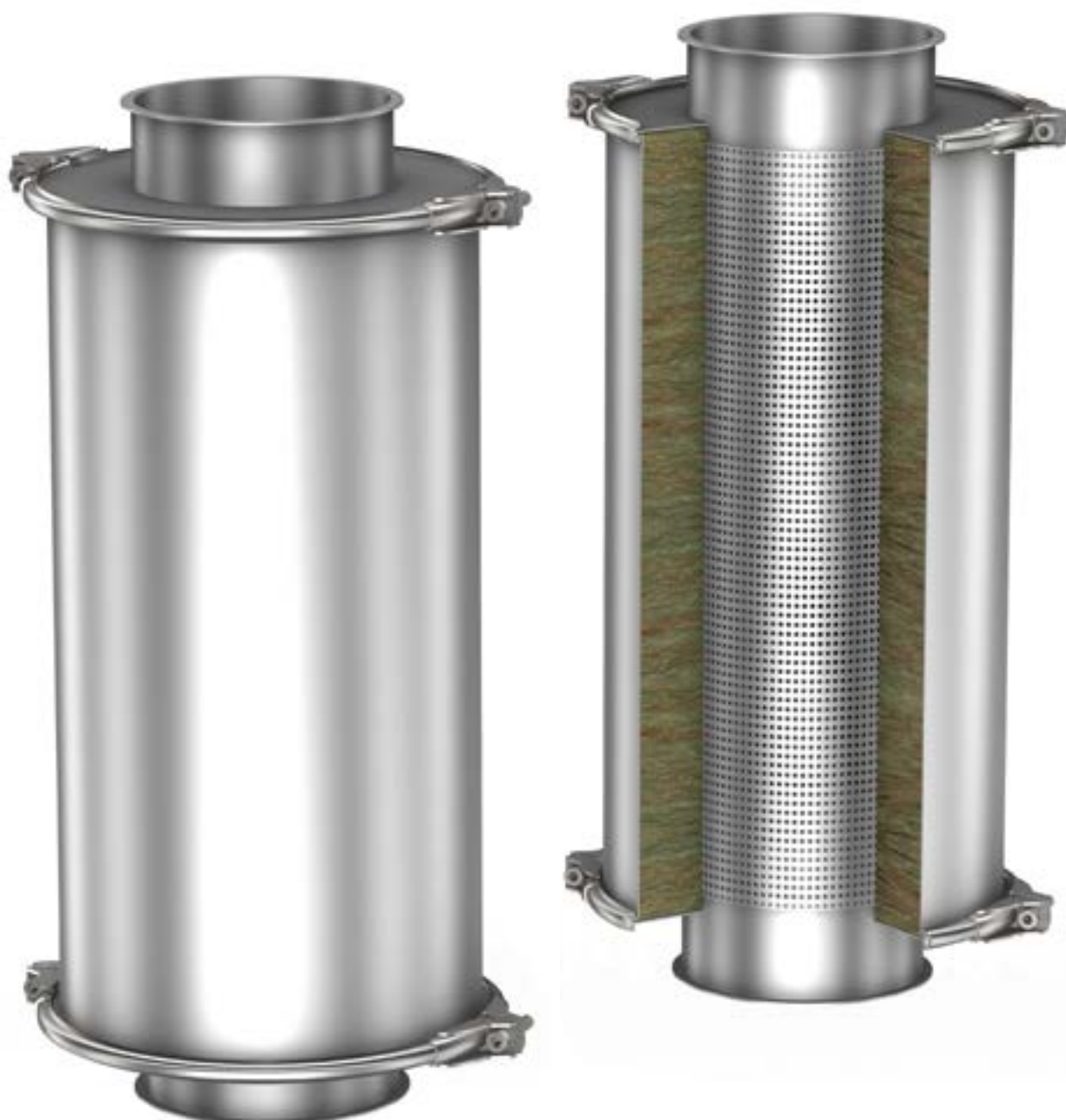


SMOOTH OPERATOR – LESS NOISE, MORE SAFETY WITH SILENCERS

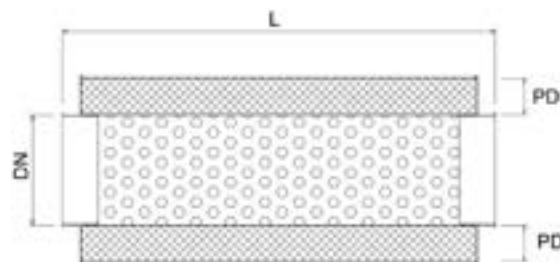


Technical data

Silencers from JACOB are available as part of the JACOB modular pipework system.

They can be incorporated in your systems wherever necessary.

Connections can be supplied either with a lipped end or a flange in accordance with DIN 24154 part 2.



Damping length 400 mm

Connection DN	Installation length	Insulation thickness	Volumetric flow	Air speed	Damping at 250 Hz	Acoustic power	Pressure loss	2 mm, primed, with lipped end
mm	L (mm)	PD (mm)	Vmax (m³/h)	Vmax (m/s)	De (dB)	C (A)	Pa	Item no.
80	486	100	250	15	18	32	17	4200805012500
100	486	100	400	15	15	34	14	4201005012500
120	486	100	600	15	13	35	11	4201205012500
140	486	100	800	15	12	36	10	4201405012500
150	486	100	900	15	11	37	9	4201505012500
175	486	100	1200	15	10	38	8	4201705012500
200	486	100	1700	15	9	40	7	4202005012500
224	486	100	2100	15	9	41	6	4202205012500
250	486	100	2600	15	7	42	5	4202505012500
300	486	100	3800	15	6	43	5	4203005012500
350	486	100	5100	15	5	44	4	4203505012500
400	486	100	6700	15	5	46	3	4204005012500

Damping length 900 mm

Connection DN	Installation length	Insulation thickness	Volumetric flow	Air speed	Damping at 250 Hz	Acoustic power	Pressure loss	2 mm, primed, with lipped end
mm	L (mm)	PD (mm)	Vmax (m³/h)	Vmax (m/s)	De (dB)	C (A)	Pa	Item no.
80	984	100	270	15	37	32	38	4200810012500
100	984	100	400	15	30	34	31	4201010012500
120	984	100	600	15	25	35	26	4201210012500
140	984	100	800	15	24	36	22	4201410012500
150	984	100	900	15	22	37	20	4201510012500
175	984	100	1200	15	21	38	18	4201710012500
200	984	100	1700	15	18	40	15	4202010012500
224	984	100	2100	15	17	41	14	4202210012500
250	984	100	2600	15	15	42	12	4202510012500
300	984	100	3800	15	13	43	10	4203010012500
350	984	100	5100	15	12	44	9	4203510012500
400	984	100	6700	15	11	46	8	4204010012500
450	984	100	8500	15	8	47	7	4204510012500

Damping length 1400 mm

Connection DN	Installation length	Insulation thickness	Volumetric flow	Air speed	Damping at 250 Hz	Acoustic power	Pressure loss	2 mm, primed, with lipped end
mm	L (mm)	PD (mm)	Vmax (m³/h)	Vmax (m/s)	De (dB)	C (A)	Pa	Item no.
150	1484	100	900	15	34	37	32	4201515012500
175	1484	100	1200	15	32	38	27	4201715012500
200	1484	100	1700	15	27	40	24	4202015012500
224	1484	100	2100	15	26	41	21	4202215012500
250	1484	100	2600	15	23	42	19	4202515012500
300	1484	100	3800	15	30	43	16	4203015012500
350	1484	100	5100	15	18	44	14	4203515012500
400	1484	100	6700	15	16	46	12	4204015012500
450	1484	100	8500	15	13	47	11	4204515012500
500	1484	100	10600	15	12	48	10	4205015012500
560	1484	100	13300	15	12	49	9	4205615012500
630	1484	100	15800	15	11	50	8	4206315012500

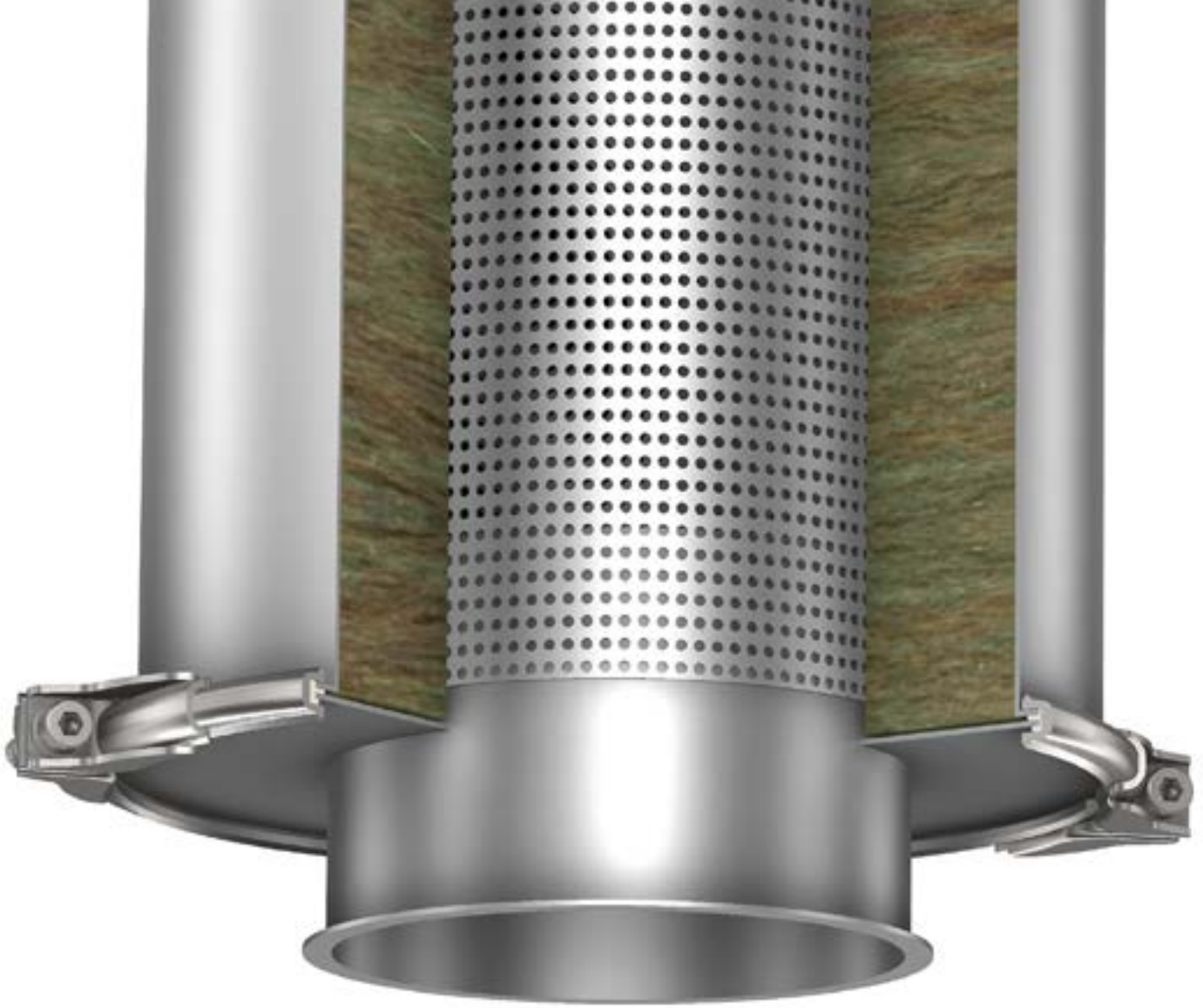
Other technical parameters available on request.



2 mm, primed, with welded-on flange	2 mm, hot-dip galvanised, with lipped end	2 mm, hot-dip galvanised, with welded-on flange	2 mm, stainless steel with lipped end	2 mm, stainless steel loose flange
Item no.	Item no.	Item no.	Item no.	Item no.
	4200805022500		4200805032500	
	4201005022500		4201005032500	
	4201205022500		4201205032500	
	4201405022500		4201405032500	
	4201505022500		4201505032500	
	4201705022500		4201705032500	
	4202005022500		4202005032500	
	4202205022500		4202205032500	
	4202505022500		4202505032500	
	4203005022500		4203005032500	
4203505012503	4203505022500	4203505022503	4203505032500	4203505032503
4204005012503	4204005022500	4204005022503	4204005032500	4204005032503

2 mm, primed, with welded-on flange	2 mm, hot-dip galvanised, with lipped end	2 mm, hot-dip galvanised, with welded-on flange	2 mm, stainless steel with lipped end	2 mm, stainless steel loose flange
Item no.	Item no.	Item no.	Item no.	Item no.
	4200810022500		4200810032500	
	4201010022500		4201010032500	
	4201210022500		4201210032500	
	4201410022500		4201410032500	
	4201510022500		4201510032500	
	4201710022500		4201710032500	
	4202010022500		4202010032500	
	4202210022500		4202210032500	
	4202510022500		4202510032500	
	4203010022500		4203010032500	
4203510012503	4203510022500	4203510022503	4203510032500	4203510032503
4204010012503	4204010022500	4204010022503	4204010032500	4204010032503
4204510012503	4204510022500	4204510022503	4204510032500	4204510032503

2 mm, primed, with welded-on flange	2 mm, hot-dip galvanised, with lipped end	2 mm, hot-dip galvanised, with welded-on flange	2 mm, stainless steel with lipped end	2 mm, stainless steel loose flange
Item no.	Item no.	Item no.	Item no.	Item no.
	4201515022500		4201515032500	
	4201715022500		4201715032500	
	4202015022500		4202015032500	
	4202215022500		4202215032500	
	4202515022500		4202515032500	
	4203015022500		4203015032500	
4203515012503	4203515022500	4203515022503	4203515032500	4203515032503
4204015012503	4204015022500	4204015022503	4204015032500	4204015032503
4204515012503	4204515022500	4204515022503	4204515032500	4204515032503
4205015012503	4205015022500	4205015022503	4205015032500	4205015032503
4205615012503	4205615022500	4205615022503	4205615032500	4205615032503
4206315012503	4206315022500	4206315022503	4206315032500	4206315032503



**QUICK
CONNECT**



**FOOD
GRADE**

EG/EC 1935/2004 plus FDA



**DETECTABLE
DESIGN**



**DURABLE
DESIGN**

In pipework systems, noticeable noise cannot be avoided. To get your production systems to whisper, we offer silencers with JACOB-compatible elements in our standard range. They are available as circular silencers and also in a right-angled construction. The sound-absorbing material applied on the inside consists of non-inflammable mineral wool with a non-woven glass covering. The insulation in the sound-absorbing intermediate layer, including trickle protection, is between 50 and 100 millimetres thick.

We would also be pleased to take customers' own wishes into account, such as flow profiles at the ends of silencers or also pull-ring or flange connections. If desired, we can also assist you in selecting the right design variant and the correct dimensions for your acoustic insulation. As a component of the JACOB modular pipework system, the silencers are easy to disassemble and assemble for cleaning or to replace the mineral wool.

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JACOB

NO. 1 IN PIPEWORK SYSTEMS