

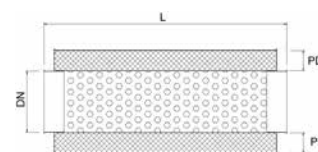
QUIETER –
LESS NOISE, OPTIMISED SAFETY
THANKS TO SILENCERS



Technical data

The silencers are part of the JACOB modular pipework system and can be integrated into your system as needed.

Connection either via lip or flange according to DIN 24154-T2.



Damping length 400 mm

Connection DN	Fitting length	Packing thickness	Volume 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)	Lw (A)	Pa	Art. no.	Price
80	486	100	250	15	18	32	17	4200805012500	€276.00
100	486	100	400	15	15	34	14	4201005012500	€282.50
120	486	100	600	15	13	35	11	4201205012500	€292.50
140	486	100	800	15	12	36	10	4201405012500	€315.50
150	486	100	900	15	11	37	9	4201505012500	€332.00
175	486	100	1200	15	10	38	8	4201705012500	€371.50
200	486	100	1600	15	9	40	7	4202005012500	€404.50
224	486	100	2100	15	9	41	6	4202205012500	€441.00
250	486	100	2600	15	7	42	5	4202505012500	€474.00
300	486	100	3800	15	6	43	5	4203005012500	€521.50
350	486	100	5100	15	5	44	4	4203505012500	€566.00
400	486	100	6700	15	5	46	3	4204005012500	€619.00

Damping length 900 mm

Connection DN	Fitting length	Packing thickness	Volume 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)	Lw (A)	Pa	Art. no.	Price
80	984	100	270	15	37	32	38	4200810012500	€309.00
100	984	100	400	15	30	34	31	4201010012500	€318.50
120	984	100	600	15	25	35	26	4201210012500	€332.00
140	984	100	800	15	24	36	22	4201410012500	€361.50
150	984	100	900	15	22	37	20	4201510012500	€378.00
175	984	100	1200	15	21	38	18	4201710012500	€426.00
200	984	100	1700	15	18	40	15	4202010012500	€457.50
224	984	100	2100	15	17	41	14	4202210012500	€497.00
250	984	100	2600	15	15	42	12	4202510012500	€533.00
300	984	100	3800	15	13	43	10	4203010012500	€587.50
350	984	100	5100	15	12	44	9	4203510012500	€640.50
400	984	100	6700	15	11	46	8	4204010012500	€705.00
450	984	100	8500	15	8	47	7	4204510012500	€751.00

Damping length 1400 mm

Connection DN	Fitting length	Packing thickness	Volume 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)	Lw (A)	Pa	Art. no.	Price
150	1484	100	900	15	34	37	32	4201515012500	€427.50
175	1484	100	1200	15	32	38	27	4201715012500	€478.50
200	1484	100	1700	15	27	40	24	4202015012500	€513.50
224	1484	100	2100	15	26	41	21	4202215012500	€556.50
250	1484	100	2600	15	23	42	19	4202515012500	€594.00
300	1484	100	3800	15	30	43	16	4203015012500	€658.50
350	1484	100	5100	15	18	44	14	4203515012500	€718.00
400	1484	100	6700	15	16	46	12	4204015012500	€784.00
450	1484	100	8500	15	13	47	11	4204515012500	€837.00
500	1484	100	10600	15	12	48	10	4205015012500	€1,055.00
560	1484	100	13300	15	12	49	9	4205615012500	€1,093.00
630	1484	100	15800	15	11	50	8	4206315012500	€1,185.00

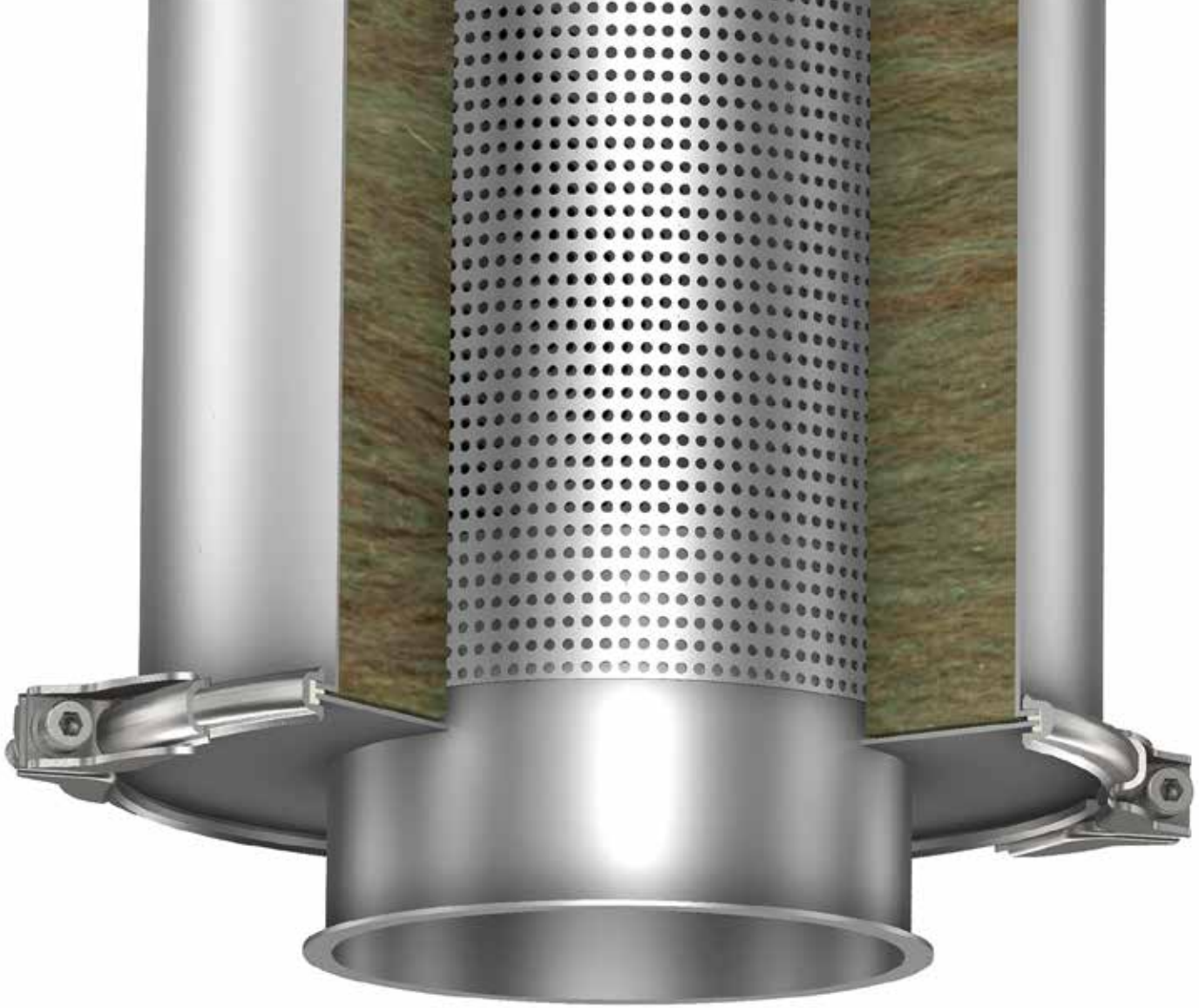
Additional technical parameters are available on request.



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, with loose flange	
Art. no.	Price	Art. no.	Price	Art. no.	Price	Art. no.	Price	Art. no.	Price
		4200805022500	€300.50			4200805032500	€401.50		
		4201005022500	€313.50			4201005032500	€421.50		
		4201205022500	€327.00			4201205032500	€439.50		
		4201405022500	€353.50			4201405032500	€468.00		
		4201505022500	€373.00			4201505032500	€495.00		
		4201705022500	€417.50			4201705032500	€538.50		
		4202005022500	€455.50			4202005032500	€585.00		
		4202205022500	€498.50			4202205032500	€634.00		
		4202505022500	€540.00			4202505032500	€680.50		
		4203005022500	€601.00			4203005032500	€749.00		
4203505012503	€620.50	4203505022500	€660.00	4203505022503	€726.00	4203505032500	€814.00	4203505032503	€884.00
4204005012503	€683.50	4204005022500	€726.00	4204005022503	€789.00	4204005032500	€887.50	4204005032503	€967.00

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, with loose flange	
Art. no.	Price	Art. no.	Price	Art. no.	Price	Art. no.	Price	Art. no.	Price
		4200810022500	€363.00			4200810032500	€486.00		
		4201010022500	€381.50			4201010032500	€509.50		
		4201210022500	€401.00			4201210032500	€536.50		
		4201410022500	€437.50			4201410032500	€574.50		
		4201510022500	€457.50			4201510032500	€605.00		
		4201710022500	€511.50			4201710032500	€668.00		
		4202010022500	€554.50			4202010032500	€720.00		
		4202210022500	€599.00			4202210032500	€772.50		
		4202510022500	€647.00			4202510032500	€832.00		
		4203010022500	€718.00			4203010032500	€916.50		
4203510012503	€695.00	4203510022500	€790.50	4203510022503	€855.00	4203510032500	€1,003.00	4203510032503	€1,073.00
4204010012503	€767.50	4204010022500	€871.50	4204010022503	€949.00	4204010032500	€1,106.00	4204010032503	€1,185.00
4204510012503	€823.50	4204510022500	€937.50	4204510022503	€1,027.00	4204510032500	€1,192.00	4204510032503	€1,284.00

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, with loose flange	
Art. no.	Price	Art. no.	Price	Art. no.	Price	Art. no.	Price	Art. no.	Price
		4201515022500	€540.00			4201515032500	€720.00		
		4201715022500	€602.50			4201715032500	€794.00		
		4202015022500	€647.00			4202015032500	€853.50		
		4202215022500	€703.00			4202215032500	€922.00		
		4202515022500	€751.00			4202515032500	€985.00		
		4203015022500	€840.00			4203015032500	€1,095.00		
4203515012503	€772.50	4203515022500	€922.50	4203515022503	€988.50	4203515032500	€1,197.00	4203515032503	€1,302.00
4204015012503	€848.50	4204015022500	€1,012.00	4204015022503	€1,089.00	4204015032500	€1,311.00	4204015032503	€1,390.00
4204515012503	€911.00	4204515022500	€1,093.00	4204515022503	€1,182.00	4204515032500	€1,419.00	4204515032503	€1,512.00
4205015012503	€1,141.00	4205015022500	€1,487.00	4205015022503	€1,589.00	4205015032500	€1,622.00	4205015032503	€1,790.00
4205615012503	€1,185.00	4205615022500	€1,527.00	4205615022503	€1,637.00	4205615032500	€1,754.00	4205615032503	€1,901.00
4206315012503	€1,289.00	4206315022500	€1,679.00	4206315022503	€1,809.00	4206315032500	€1,934.00	4206315032503	€2,083.00



**QUICK
CONNECT**



**FOOD
GRADE**

EG/EC 1935/2004 plus FDA



**DETECTABLE
DESIGN**

In pipework systems, noticeable noise cannot be avoided. To be able to teach your production systems to whisper, we offer silencers with JACOB-compatible elements. They are available as inline silencers and in a rectangular design. The sound-absorbing material applied on the inside consists of non-inflammable mineral wool with glass non-woven covering. The insulating layer of the sound-absorbing inserts is 50 to 100 millimetres thick, including trickle protection.

We would be happy to implement individual customer requests, such as flow profiles at the ends of silencers or pull ring or flange connections. On request, we support you in selecting the right design variant and in correctly dimensioning 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