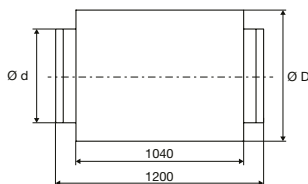


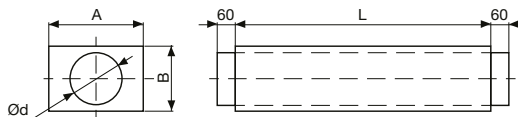
SONOULTRA – silencer flexible for circular pipes


Ø [mm]	80		100		125		152		160		185		200		250		315	
insulation thickness [mm]	25	50	25	50	25	50	-	50	25	50	-	50	25	50	25	50	25	50
Ø d [mm]	80	80	100	100	125	125	-	150	160	160	-	180	200	200	250	250	315	315
Ø D [mm]	130	180	150	200	175	225	-	250	210	260	-	280	250	300	300	350	365	415

Flexible silencers are thermally and acoustically insulated and, thanks to their elasticity and flexibility, enable easy installation in circular air distribution systems. SONOULTRA silencers have a high resistance to UV radiation and are resistant to selected chemicals. The inner hose is made of non-woven fabric, the outer shell is made of laminated aluminum. The thermal insulation of the shock absorber is made of glass fibers with a thickness of 25 or 50 mm.

The connection sockets are made of galvanized sheet metal. The dampers are suitable for use in air-conditioning and air-conditioning systems without special requirements. They are primarily designed to reduce noise in pipelines. Their use in residential or small commercial recuperation units for the discharge of fresh air or suction of waste air is very suitable.

Parameters	
temperature range	-20 to +90 °C
operating speed	max. 20 m/s
operating pressure	max. 1500 Pa
insulation thickness	25 or 50 mm
density of thermal insulation	16 kg/m ³
thermal conductivity λ	0.037 Wm ⁻¹ K ⁻¹
attenuation values	see K 7.3
pressure loss values	see K 7.3

MAA-Q – silencer for circular ducts


- the silencer casing is made of galvanized sheet metal
- enables significant noise attenuation to be achieved
- it can be installed very simply
- it is possible to connect several silencers together to achieve extremely good noise suppression
- attenuation values on request
- good results are achieved in conjunction with MIXVENT-TD fans
- the pressure loss of the silencer is considered to be 2 times the pressure loss of the smooth pipe

Type	d [mm]	A [mm]	B [mm]	L [mm]
MAA-Q 100	100	210	160	900
MAA-Q 125	125	240	180	900
MAA-Q 150	150	280	220	900
MAA-Q 160	160	280	220	900
MAA-Q 180	180	330	250	900
MAA-Q 200	200	330	250	900
MAA-Q 225	225	390	310	900
MAA-Q 250	250	390	310	900