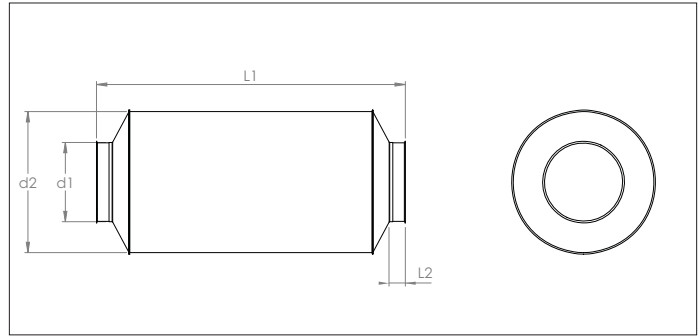
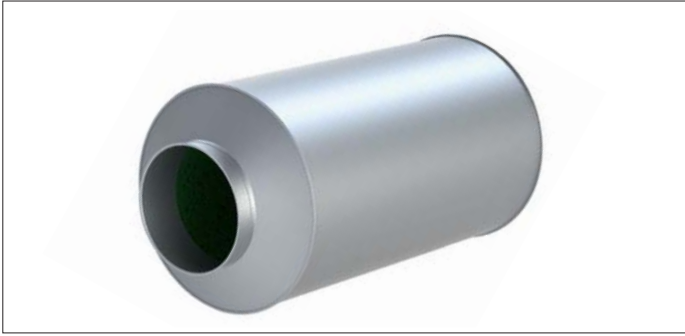


## AAFA silencers - clean air L = 2000



### AAFA silencers - clean air L = 2000

AAFA silencers are designed to reduce the sound in ducting or in the workshop for use in overpressure, under-pressure and pressureless systems.

The silencers are made of galvanized sheet metal with sound absorbing material applied on the inside.

### Material

Sendzimir galvanized  
100 mm soundproofing material

### Type

Rolled stitch-welded sheets with 6 mm edges for lock rings.

### Options

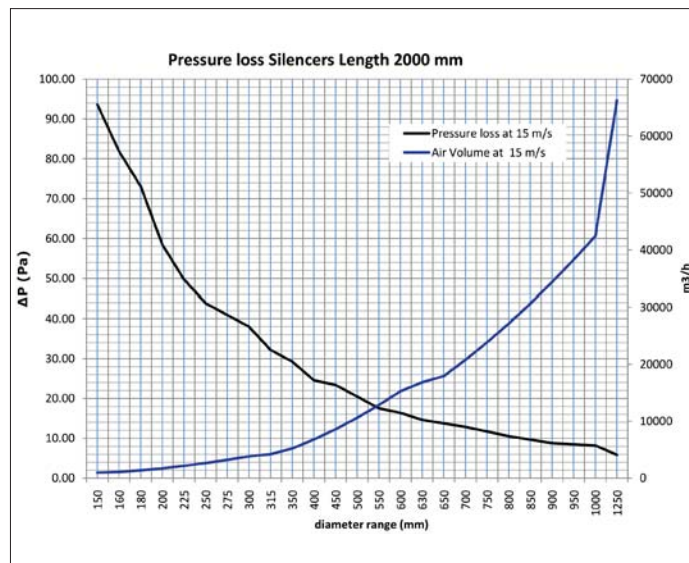
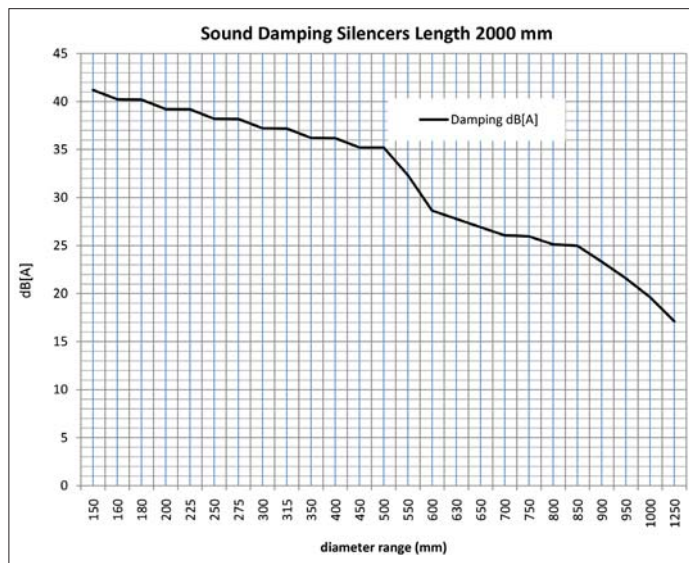
- Other diameters
- Other lengths
- Other sheet thickness
- With perforated sheet metal plate for loaded air
- With Tedlar foil for moist medium
- Stainless steel (AISI 304)
- Painted version
- Other types of edges or connections, see 'edges and connections'



Loaded air version

| Ø    | Model      | Ø d1<br>mm | Ø d2<br>mm | L1<br>mm | L2<br>mm | s<br>mm | Weight<br>kg |
|------|------------|------------|------------|----------|----------|---------|--------------|
| 150  | AAFA000138 | 150        | 350        | 2000     | 50       | 0.88    | 22.00        |
| 160  | AAFA000139 | 160        | 360        | 2000     | 50       | 0.88    | 24.00        |
| 180  | AAFA000140 | 180        | 380        | 2000     | 50       | 0.88    | 28.00        |
| 200  | AAFA000141 | 200        | 400        | 2000     | 50       | 0.88    | 30.00        |
| 225  | AAFA000142 | 225        | 425        | 2000     | 50       | 0.88    | 32.00        |
| 250  | AAFA000143 | 250        | 450        | 2000     | 50       | 0.88    | 34.00        |
| 275  | AAFA000144 | 275        | 475        | 2000     | 50       | 0.88    | 36.00        |
| 300  | AAFA000145 | 300        | 600        | 2000     | 50       | 0.88    | 38.00        |
| 315  | AAFA000146 | 315        | 515        | 2000     | 50       | 0.88    | 45.00        |
| 350  | AAFA000147 | 350        | 550        | 2000     | 50       | 0.88    | 50.00        |
| 400  | AAFA000148 | 400        | 600        | 2000     | 50       | 0.88    | 54.00        |
| 450  | AAFA000149 | 450        | 650        | 2000     | 50       | 0.88    | 60.00        |
| 500  | AAFA000150 | 500        | 700        | 2000     | 50       | 0.88    | 66.00        |
| 550  | AAFA000151 | 550        | 750        | 2000     | 50       | 0.88    | 71.00        |
| 600  | AAFA000152 | 600        | 800        | 2000     | 50       | 0.88    | 77.00        |
| 630  | AAFA000153 | 630        | 830        | 2000     | 50       | 0.88    | 85.00        |
| 650  | AAFA000154 | 650        | 850        | 2000     | 50       | 0.88    | 90.00        |
| 700  | AAFA000306 | 700        | 900        | 2000     | 50       | 0.88    | 109.00       |
| 750  | AAFA000307 | 750        | 950        | 2000     | 50       | 0.88    | 123.32       |
| 800  | AAFA000308 | 800        | 1000       | 2000     | 50       | 0.88    | 132.08       |
| 850  | AAFA000309 | 850        | 1050       | 2000     | 50       | 0.88    | 142.32       |
| 900  | AAFA000310 | 900        | 1100       | 2000     | 50       | 0.88    | 147.80       |
| 950  | AAFA000311 | 950        | 1150       | 2000     | 50       | 0.88    | 160.08       |
| 1000 | AAFA000312 | 1000       | 1200       | 2000     | 50       | 0.88    | 172.56       |

AAFA silencers - clean air L = 2000



| Ø    | Model      | dB attenuation at frequencies |       |       |       |      |      |      |      | Damping<br>dB(A) | Pressure loss (Pa) |        |        | m³/h   |        |        |
|------|------------|-------------------------------|-------|-------|-------|------|------|------|------|------------------|--------------------|--------|--------|--------|--------|--------|
|      |            | 63Hz                          | 125Hz | 250Hz | 500Hz | 1kHz | 2kHz | 4kHz | 8kHz |                  | 10 m/s             | 15 m/s | 20 m/s | 10 m/s | 15 m/s | 20 m/s |
| 150  | AAFA000138 | 10                            | 17    | 23    | 41    | 22   | 20   | 15   | 17   | 41               | 41.60              | 91.00  | 228.15 | 636    | 954    | 1272   |
| 160  | AAFA000139 | 9                             | 16    | 23    | 40    | 22   | 19   | 14   | 16   | 40               | 36.40              | 78.00  | 202.80 | 724    | 1086   | 1448   |
| 180  | AAFA000140 | 9                             | 15    | 22    | 40    | 21   | 19   | 13   | 16   | 40               | 32.50              | 65.00  | 187.59 | 916    | 1374   | 1832   |
| 200  | AAFA000141 | 9                             | 14    | 22    | 39    | 20   | 18   | 12   | 14   | 39               | 26.00              | 59.80  | 177.45 | 1131   | 1696   | 2262   |
| 225  | AAFA000142 | 8                             | 14    | 21    | 39    | 20   | 18   | 12   | 14   | 39               | 22.10              | 52.00  | 152.10 | 1431   | 2147   | 2863   |
| 250  | AAFA000143 | 8                             | 13    | 21    | 38    | 19   | 17   | 11   | 11   | 38               | 19.50              | 44.20  | 126.75 | 1767   | 2651   | 3534   |
| 275  | AAFA000144 | 8                             | 13    | 20    | 38    | 19   | 17   | 11   | 11   | 38               | 18.20              | 41.60  | 116.61 | 2138   | 3207   | 4276   |
| 300  | AAFA000145 | 7                             | 13    | 20    | 37    | 18   | 16   | 10   | 10   | 37               | 16.90              | 39.00  | 101.40 | 2545   | 3817   | 5089   |
| 315  | AAFA000146 | 7                             | 12    | 19    | 37    | 18   | 16   | 10   | 10   | 37               | 14.30              | 31.20  | 86.19  | 2806   | 4208   | 5611   |
| 350  | AAFA000147 | 7                             | 12    | 19    | 36    | 17   | 15   | 9    | 9    | 36               | 13.00              | 26.00  | 81.12  | 3464   | 5195   | 6927   |
| 400  | AAFA000148 | 6                             | 11    | 18    | 36    | 17   | 15   | 9    | 9    | 36               | 10.92              | 22.10  | 76.05  | 4524   | 6786   | 9048   |
| 450  | AAFA000149 | 6                             | 11    | 18    | 35    | 16   | 14   | 8    | 8    | 35               | 10.40              | 19.50  | 60.84  | 5726   | 8588   | 11451  |
| 500  | AAFA000150 | 6                             | 11    | 18    | 35    | 16   | 14   | 8    | 8    | 35               | 9.10               | 17.94  | 50.70  | 7069   | 10603  | 14137  |
| 550  | AAFA000151 | 5                             | 10    | 17    | 32    | 15   | 13   | 7    | 7    | 32               | 7.80               | 15.60  | 43.10  | 8553   | 12829  | 17106  |
| 600  | AAFA000152 | 5                             | 9     | 16    | 28    | 14   | 12   | 6    | 7    | 29               | 7.28               | 14.30  | 38.03  | 10179  | 15268  | 20358  |
| 630  | AAFA000153 | 4                             | 8     | 16    | 27    | 14   | 12   | 6    | 7    | 28               | 6.50               | 13.00  | 34.98  | 11222  | 16833  | 22444  |
| 650  | AAFA000154 | 4                             | 7     | 16    | 26    | 14   | 11   | 6    | 6    | 27               | 6.11               | 11.70  | 30.42  | 11946  | 17919  | 23892  |
| 700  | AAFA000306 | 4                             | 6     | 16    | 25    | 13   | 11   | 6    | 6    | 26               | 5.72               | 10.40  | 27.89  | 13854  | 20782  | 27709  |
| 750  | AAFA000307 | 4                             | 6     | 15    | 25    | 13   | 11   | 5    | 6    | 26               | 5.20               | 9.75   | 25.35  | 15904  | 23856  | 31809  |
| 800  | AAFA000308 | 4                             | 6     | 15    | 24    | 12   | 11   | 5    | 6    | 25               | 4.68               | 9.10   | 22.82  | 18096  | 27143  | 36191  |
| 850  | AAFA000309 | 3                             | 6     | 14    | 24    | 12   | 10   | 5    | 5    | 25               | 4.29               | 8.45   | 20.28  | 20428  | 30642  | 40856  |
| 900  | AAFA000310 | 3                             | 6     | 14    | 22    | 11   | 9    | 4    | 4    | 23               | 3.90               | 7.80   | 19.01  | 22902  | 34353  | 45804  |
| 950  | AAFA000311 | 2                             | 4     | 13    | 20    | 10   | 7    | 4    | 4    | 22               | 3.77               | 7.28   | 17.75  | 25518  | 38276  | 51035  |
| 1000 | AAFA000312 | 2                             | 4     | 13    | 17    | 9    | 7    | 4    | 3    | 20               | 3.64               | 6.50   | 16.48  | 28274  | 42412  | 56549  |