

CSP-C



Round overpressure damper

Product description

Round overpressure damper, KOOLAIR **CSP-C** model.
Standard housing finish in galvanized steel sheet; fin in aluminium.

General dimensions

CSP-C Ø 100 to 200 mm CSP-C Ø 250 to 400 mm

1. Airtight gasket between damper and duct (2 parts as of Ø250 mm).
2. Airtight gasket between dampers and fin.
3. Shaft + spring.
4. Aluminium blade
5. Housing in galvanized steel.



Static pressure loss through the damper table

| Model | ΔP_{st} (Pa) | |
|-----------|----------------------|-----------------|
| | V_c (m/s) = 2 | V_c (m/s) = 4 |
| CSP-C 100 | 78 | 85 |
| CSP-C 125 | 56 | 64 |
| CSP-C 150 | 33 | 40 |
| CSP-C 160 | 30 | 33 |
| CSP-C 200 | 15 | 14 |
| CSP-C 250 | 13 | 15 |
| CSP-C 315 | 11 | 11 |
| CSP-C 355 | 9 | 10 |
| CSP-C 400 | 8 | 9 |

ΔP_{st} (Pa): Static pressure loss through the damper.
 V_c (m/s): Flow velocity in the duct or at the damper inlet.

| Model | Ød (mm) | L1 (mm) | L2 (mm) |
|-----------|---------|---------|---------|
| CSP-C 100 | 96 | 43 | 50 |
| CSP-C 125 | 121 | 49 | 63 |
| CSP-C 150 | 146 | 62 | 76 |
| CSP-C 160 | 155 | 66 | 81 |
| CSP-C 200 | 195 | 72 | 93 |
| CSP-C 250 | 247 | 120 | 145 |
| CSP-C 315 | 312 | 160 | 178 |
| CSP-C 355 | 352 | 160 | 198 |
| CSP-C 400 | 397 | 160 | 223 |

Note: For more information refer to catalogue and/or Technical Department.