

CR120-1S CE-Certified Manual Cantilever Circular Fire Damper



Description

Circular surface-mounted fire dampers with a fire resistance up to 120 minutes. They ensure minimal pressure drop thanks to the thin blade, the thermal fuse aligned with the blade and the drive located outside the casing. Available in the version for small diameters (from 100 mm). The galvanised steel casing contributes to the damper's light weight. The fire dampers are CE marked with performance declared according to EN 15650:2010 and with fire resistance determined according to EN 1366-2 up to EI 120 (ve i ↔ o)S - (500Pa) and EI 120 (ho i ↔ o)S - (500Pa) depending on the installation surface. The dampers can be equipped with different types of mechanisms, depending on the specific needs of the project.

Characteristics

Galvanised steel structure. 20 mm thick refractory blade. Dimensions: from Ø 100 to Ø 315 Heat-expanding perimeter seal. 2 microswitches (one start and one end switch) already installed. Easy to install. Optimised free surface and minimal pressure drop. Total absence of levers. Optimal acoustic performance. Class C air tightness according to EN1751. Suitable for recessed installation. Suitable for rigid wall, rigid floor and lightweight wall (plasterboard). Does not require maintenance. For indoor use. Operating temperature: max. 50°C.

Use and Classification

- Rigid wall: EI 120 (ve i ↔ o) S - (500 Pa);
- Lightweight wall: EI 120 (ve i ↔ o) S - (300 Pa);
- Slab: EI 120 (ho i ↔ o) S - (500 Pa).

Minimum Distance Principle

This type of fire damper has been optimised to minimise the installation distance between two dampers and between the damper and the adjacent wall. CR120 fire dampers can be installed coupled and adjacent to a wall, ceiling or floor.

Standard Version

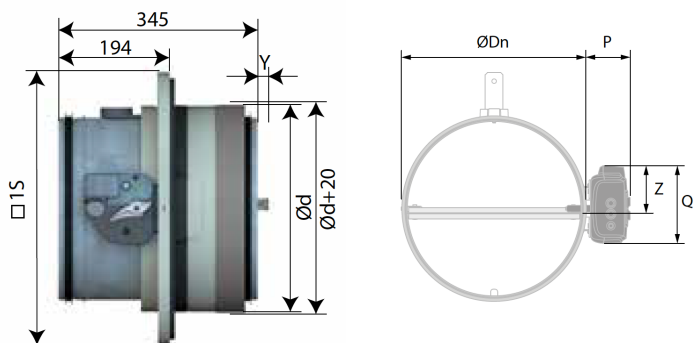
- With thermo-mechanical manual drive: code CR120-1S + MFUS + FDCU.

Versions on Request

- With electromagnet drive normally energised or normally de-energised , code CR120 1S + UNIQ VD/VM FDCB.

Accessories

- F-MFUS - 72°C Replacement Thermal Fuse for MFUS(P) Manual Mechanism, suitable for CU-LT and CR120 series fire dampers.



Dimensions

y: blade coming out on wall side.

All dimensions are expressed in mm.

Ø Dn	1s x 1s	Ø d	Ø Hole	Y
100	279	160	180	-
125	299	180	200	-
160	339	220	240	-
200	374	255	275	-
250	419	300	320	-
315	474	355	375	20

	MFUS
P (mm)	72
Q (mm)	123
Z (mm)	70

Price List

Diameter	Ø 100 mm	Ø 125 mm	Ø 160 mm	Ø 200 mm	Ø 250 mm	Ø 315 mm
	Eur	Eur	Eur	Eur	Eur	Eur
	-	-	-	-	-	-

Spare Fuses

Description	Eur
 F-MFUS - 72°C Replacement Thermal Fuse for MFUS(P) Manual Mechanism, suitable for CU-LT and CR120 series fire dampers	-