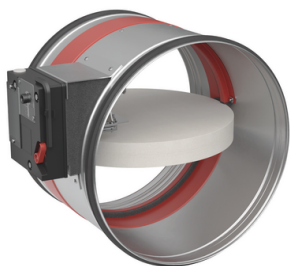


CR2 European circular fire dampers for large diameters



Description

Circular fire dampers available for large diameters (up to 630 mm) with a fire resistance up to 120 minutes. The galvanised steel casing is lined with refractory material. 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. 50 mm thick refractory blade. Dimensions: from Ø 200 to Ø 630. Heat-expanding perimeter seal. 2 microswitches (one start and one end switch) already installed. Large dimensions. Easy to install. Suitable for recessed installation. Suitable for rigid wall, rigid floor and lightweight wall (plasterboard). Class B air tightness according to EN1751. Optimal free surface and minimal pressure drop. Optimal acoustic performance. 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 - (500 Pa) (gypsum blocks).
- Lightweight wall: EI 120 (ve i ↔ o) S - (500 Pa) (plasterboard type F).
- Slab: EI 120 (ho i ↔ o) S - (500 Pa) aerated concrete.

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. CR2 fire dampers can be installed coupled and adjacent to a wall, ceiling or floor.

Standard Version

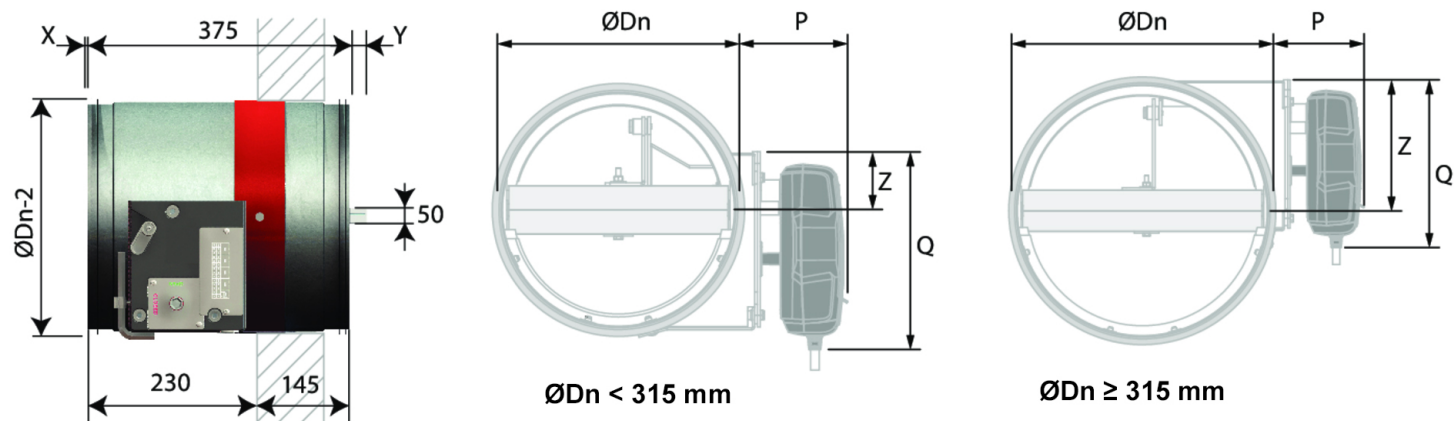
- With thermo-mechanical manual drive: code CR2 + CFTH + FDCU.

Versions on Request

- With electromagnet drive normally energised or normally de-energised , code CR2 + UNIQ VD/VM FDCB.

Accessories

- F-CFTH - 72°C Thermal Fuse for CFTH mechanism, suitable for CU2 and CR2 series fire dampers.



Dimensions

x: blade coming out on servomotor side.
y: blade coming out on wall side.

Ø Dn (mm)	315	355	400	450	500	560	630
x (mm)						15	50
y (mm)	24	44	66	91	116	146	181

	ØDn < 315 mm	ØDn ≥ 315 mm
	CFTH	CFTH
P (mm)	81	85
Q (mm)	182	182
Z (mm)	58	156

Price List

Diameter	Ø 200 mm	Ø 250 mm	Ø 315 mm	Ø 355 mm	Ø 400 mm	Ø 450 mm	Ø 500 mm	Ø 560 mm	Ø 630 mm
	Eur	Eur	Eur	Eur	Eur	Eur	Eur	Eur	Eur
	-	-	-	-	-	-	-	-	-

Spare Fuses

	Description	Eur
	F-CFTH - 72°C Thermal Fuse for CFTH mechanism, suitable for CU2 and CR2 series fire dampers	-