mcr ZIPP

CUT-OFF FIRE VALVE

- EI120 (ve ho o→i)S
- EI120 (ve i→o)
- EI180 (ve o→i)S

Cut-off fire valves mcr ZIPP are used to separate the fire hazard zone from other parts of the building and to transfer air through building partitions. They consist of a casing with a circular cross section, a moving cut-off partition, a connection pipe and a trigger&control mechanism.

Valve's cut-off blade is made of fireproof material. From the outside, it is covered with powder-coated steel sheet. The blade is placed on a threaded, moving guiding pin. This allows to adjust air flow during normal valve's operation.

Certified for conformity with EN 15650, classified as per EN 13501-3 and tested according to EN 1366-2.

- Available diameters: Ø100mm, Ø125mm, Ø160mm, Ø200mm

- Installation in vertical and horizontal building partitions

- NEW Supplied with a sponge, which eliminates unevenness of the building partition surface to which the valve adheres and also insulates leaks between the connection pipe and the nozzle

- As a standard available with thermal triggers 74°C or as an option 95°C.

- As a standard painted in RAL 9010. Possibility of choosing another painting colour according to the RAL palette.

During normal operation of the ventilation system, the mcr ZIPP valves remain in the open position, while in the event of a fire they are closed automatically.

They can also be used in systems protecting escape routes against smoke, where valves remain open during a fire enabling the supply of fresh air. With further fire development, the valves are closed automatically.

Valves closing can be done by:

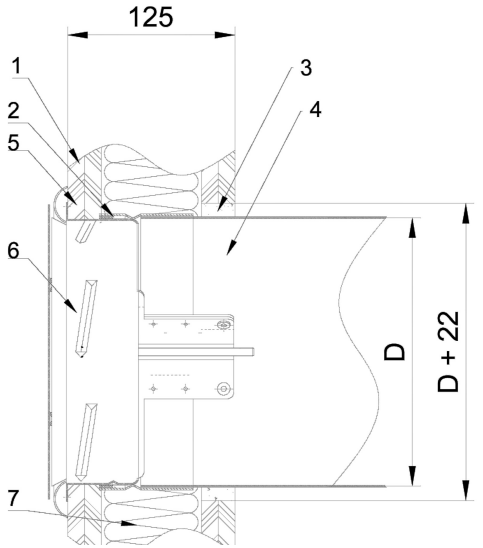
- activation of the thermal trigger (RST trigger and control mechanism)
- activation of the electromagnetic and thermal trigger (RST + EK trigger and control mechanism)

Installation methods

Sample installation in lightweight walls of plaster-cardboard panels on a steel framework

1. gypsum board panel
2. extension connecting pipe
3. sealing -plaster mortar
4. ventilation duct
5. screw for gypsum board
6. mcr ZIPP valve
7. gypsum board partition wall

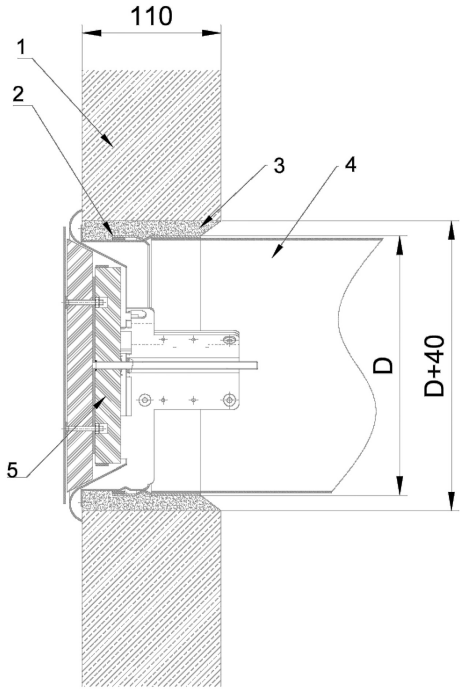
*It is possible to use a different sealing which ensures the required fire resistance



Sample installation in rigid walls

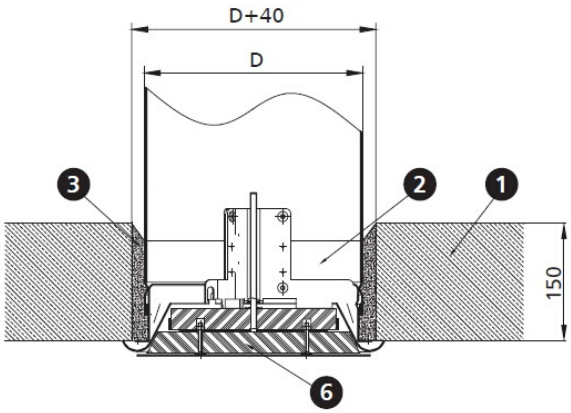
1. rigid concreto or masonry wall
2. extension connecting pipe
3. sealing -plaster mortar
4. duct
5. mcr ZIPP valve

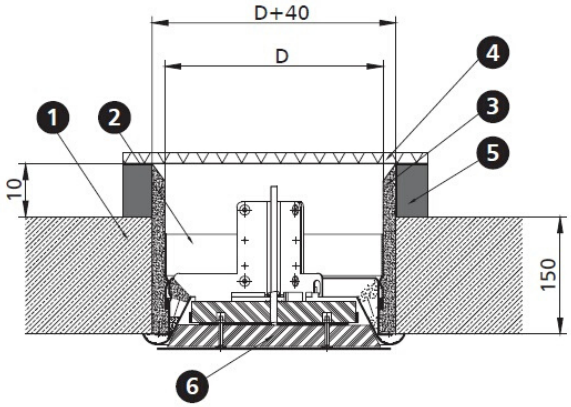
*It is possible to use a different sealing which ensures the required fire resistance



Installation methods

Sample installation in ceilings





1. ceiling
2. extension connection pipe
3. sealing - plaster or cement mortar*
4. duct cover (not included)
5. circumferential trim or duct cover with suitable height
6. mcr ZIPP valve

*It is possbile to use a different sealing which ensures the required fire resistence

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We invite you to cooperation

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