



CVE Shop Fire Rated Air Valves available for both supply and extract in domestic and commercial air handling systems.

Where a ceiling is a fire-separating element, it needs to be protected in accordance with Approved Document B of the Building Regulations. Once a hole is made in a ceiling for an air valve, the integrity of the construction and its ability to perform in a fire is reduced significantly. This must be fire stopped to reinstate the original fire rating of the ceiling to prevent the rapid spread of both smoke and fire through fire compartments.

An integral red intumescent disc will react in the event of a fire and expand to fill the penetration created by the hole in the ceiling, to provide the protection required to help protect the building and allow the safe evacuation of its occupants. **CVE Shop Fire Rated Air Valves** will provide 60 minutes of fire protection.

Ventilation Air Valves are mainly used as terminals for Mechanical Ventilation Systems (MEV or MVHR). Valves are adjustable by rotating the central baffle (or disc) and a locking nut permits accurate balancing of air volume.

All products meet the highest standard of quality and are available in White Epoxy Coated Steel. Our ventilation air valves include collars to fix directly to a round duct.

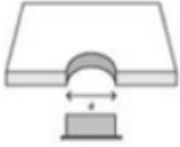
The Air Valves are available to suit the following diameters for both Extract and Supply.

Sizes Available / Dimensions	
CVE Product Codes	Size
CVFRMSV-80 / CVFRMEV-80	80mm
CVFRMSV-100 / CVFRMEV-100	100mm
CVFRMSV-125 / CVFRMEV-125	125mm
CVFRMSV-150 / CVFRMEV-150	150mm
CVFRMSV-200 / CVFRMEV-200	200mm

Key Features and Benefits

- Meets the requirements of Building Regulations Document B
- Maintains integrity of Fire Rated ceilings for up to 60 minutes
- Cost effective alternative to more expensive Metal Fire Rated Valves / Fire Dampers
- Both Extract and Supply versions available
- Fits in same way as normal air valve
- Air flow is unaffected
- Easy to retro fit in place of existing valves (see fitting instructions overleaf)

Fitting Instructions



Step One

Cut hole in ceiling to suit the outside diameter of the air valve mounting ring



Step Two

Attach ducting onto the air valve mounting ring and fix to the ceiling via the screw holes in the mounting ring flange and/or with suitable mastic



Step Three

Fit the body of the valve into the mounting ring with a quarter turn twist and set inner cone clearance to provide required air flow



Step Four

Ensure the air valve is fitted snugly within the ceiling with no gaps or voids