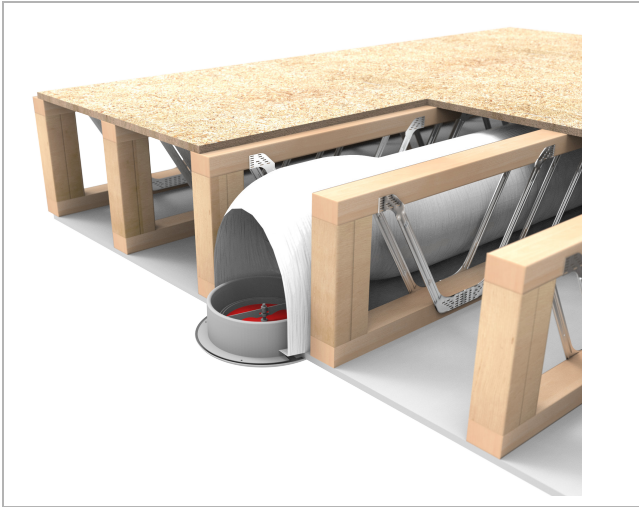




# Fire Rated Air Valves

# FRSV/FREV



## Description

Fire Rated Air Valves are a unique and cost effective fire rated solution where recessed ceiling air valves are to be installed in fire rated floor/ceiling constructions. In a fire situation, the integral intumescent material rapidly expands to seal off the air valve to help maintain the fire resistance rating of the ceiling. This limits the risk of fire and heat spread throughout the building.

The Fire Rated Air Valves are available in all common sizes for both Extract and Supply. The Fire Rated Air Valve is installed as normal with air flow through the air valve unaffected. The product requires no maintenance after installation. The Fire Rated Air Valves suitable for domestic homes, as well as apartments, hotels and other multiple occupancy buildings where fire ratings exist.

## Fire Test Approvals

Successfully Fire Tested to BS EN1365-2:1999 & BS476: Part 20: 1987.

Tested in a plasterboard ceiling / timber floor construction for 60 minutes.

Test Report No.: BTC 18074F & CHILT/IF10090.

## Dimensions

80mm  
100mm  
125mm  
150mm  
200mm

## Features

- Extract and Supply versions
- 60 Minutes Fire Rating in Solid Timber Joist Floor/Ceilings Constructions
- 30 Minutes Fire Rating in Metal Web Joist and I-Beam Timber Joist Floor/Ceiling Constructions
- No maintenance required
- Meets requirements of Approved Document B
- Simple to install

## Storage & Durability

<b>Storage</b>	Dry, ambient
<b>Transportation temperature</b>	-20°C to +70°C
<b>Working Life</b>	48 years
<b>Durability</b>	Type X intended for use in conditions exposed to weather (UV, rain, frost)
<b>Fungal Resistance</b>	Protected by polythene
<b>Smoke/Halogen Content</b>	Low Smoke / Zero Halogen

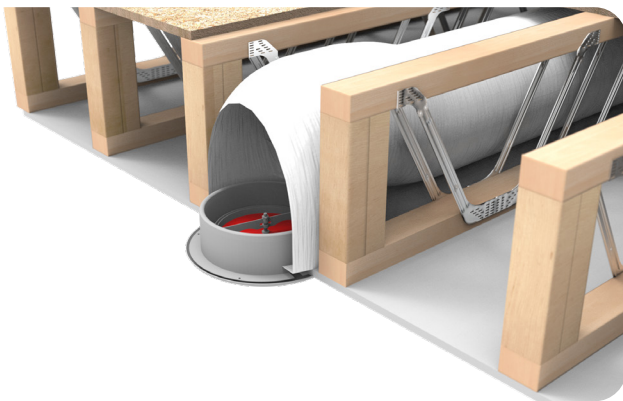


# Fire Rated Air Valves

# FRSV

## Fitting Instructions

- Cut hole in ceiling to suit the outside diameter of the air valve mounting ring
- Fix the air valve to the ceiling via the screw holes in the valve
- Attach ducting onto the air valve mounting ring
- Fit the body of the valve into the mounting ring with a quarter turn twist
- Set inner cone clearance to provide required air flow rate (max. 12mm)
- Ensure the air valve is fitted snugly within the ceiling with no gaps or voids
- The penetration is then sealed against the spread of fire and the fire rating
- Other ceiling penetrations must be fitted a minimum of 200mm apart from the Fire Rated Air Valves



## Test Data

Report Type	Fire Test Lab	Report Number	Construction	Fire Rating
Full Scale Loaded Floor Fire Test to BS EN 1365-2	The Building Test Centre	BTC18074F/ BTC 21144FA	Solid Timber Joist Floor	60 Minutes
Full Scale Loaded Floor Fire Test to BS EN 1365-2	Warrington Fire	422978	I-Beam Joist Floor	30 Minutes
Full Scale Loaded Floor Fire Test to BS EN 1365-2	WarringtonFire	394530	Metal Web Joist Floor	30 Minutes