

# STUDOR® TEC-VENT™

The Air Admittance Valve  
designed specially for  
commercial applications



**STUDOR®**  
INVENTIVE TECHNOLOGY

# STUDOR® TEC-VENT™

Reduce the need for expensive flame retardant piping with the **STUDOR® Tec-Vent**

The unique design of the **STUDOR® Air Admittance Valves (AAVs)** provides plumbing ventilation to prevent the loss of water trap seals without the need for costly roof or surface penetrations and vent piping.

## The Product

The **STUDOR® Tec-Vent** is an Air Admittance Valve (AAV) designed specifically for commercial applications and industries where flame retardance is a priority. It is manufactured from flame retardant material with a high tensile strength. Provided with a 40mm thread, this specialist AAV results in great savings by reducing the need for expensive flame retardant vent piping! The **Tec-Vent** is UL classified in the USA in accordance with UL Standard for Safety 2043 - Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces - as to heat release and smoke optical density only (control number 9DA2).



**Air flow capacity:**  
5.9 litres/second  
**Temperature operating range:**  
-20°C to +60°C

## The Advantages

The **STUDOR® Tec-Vent** is designed for the terminal of individual and branch vents in commercial and residential applications, eliminating floor and roof penetrations.

The **STUDOR® Tec-Vent** AAV:

- **Is flame retardant** - suitable for use in commercial and residential applications where flame retardant pipes are required.
- **Replaces extensive vent piping**, saving costs in material and installation.
- **Reduces the need for fire stopping devices** preventing the "chimney effect" in pipes, reducing the risk of fire spreading upwards between floors.
- **Provides greater freedom of design** for engineers, architects and design professionals.
- **Protects the inner mechanism against the entrance of vermin**, foreign objects and material by means of the specially designed screens.
- **Eliminates the risk of water leakages**, through unnecessary roof and surface penetrations.
- **Prevents transmission of odorous sewer gas** into the building or surrounding areas.
- **Is resistant to adverse weather conditions** (-20°C to +60°C).
- **Is UV resistant**, and is therefore suitable for outside installations.
- **Requires no maintenance**, specially designed to resist extreme temperatures and deterioration.

## The Installation

The **STUDOR® Tec-Vent** may be installed up to 1000mm below the flood level of the appliance. It must be installed in a vertical position in an accessible location which permits free movement of air into the valve. No tools are required for installation - the **Tec-Vent** is simply hand-tightened.

## Applications

**STUDOR®**'s innovative **Tec-Vent** is designed for the most demanding commercial and industrial applications. It is especially suitable in the following areas:

- **Oil Rigs**
- **Fuel Refineries**
- **Factories**
- **Trade Waste Applications**
- **Boiler Rooms**
- **High Rise Buildings**
- **Military Buildings**
- **Ships**
- **Aviation**
- **Manufacturing**
- **Commercial Dishwashers**
- **Mining**

The **STUDOR® Tec-Vent** may also be installed in residential constructions to comply with local bushfire regulations.

## Our Credentials

**STUDOR®** is the world-leader in plumbing drainage venting technology. With over thirty years of experience, our unrivalled knowledge and expertise continues to ensure that the **STUDOR®** products meet the most rigorous of requirements. Our products are used extensively internationally – including within many of the world's most famous buildings and construction projects already completed and those currently in progress.



  
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