

# Product Information/Specification Sheet

## Studor Premi-Aire 40 (Air Admittance Valve for plumbing ventilation)

### Description

The Studor Premi-Aire 40 is an accepted alternative to replace all forms of conventional branch venting. With localised active ventilation of the building drainage system it is proven that the Studor Premi-Aire 40 provides greater protection to prevent induced and self-siphonage of the fixture traps.

The Studor Premi-Aire 40 opens and admits fresh air when the negative (suction) pressure occurs from a fixture discharging into the system. This equalizes the pressure within the system and protects the trap seal. When the flow stops, the Studor Premi-Aire 40 closes by gravity, preventing any transmission of foul air.

The Studor Premi-Aire 40 is used as an alternative to extending the vent pipes through the roof or sidewall.

### Features

- Screening on the inside and outside of the Studor Premi-Aire 40 to protect the sealing membrane from foreign objects.
- Lifetime warranty to that of the drainage system in which it is installed.

### Installation

- The Studor Premi-Aire 40 should be located a minimum 100 mm (4") above the horizontal branch vent pipe.
- The Studor Premi-Aire 40 should be installed in an accessible location.
- The Studor Premi-Aire 40 should be connected to the piping in accordance with the manufacturer's installation instructions.
- The Studor Premi-Aire 40 should be installed in the vertical, upright position after rough-in and pressure testing of the DWV system.
- The Studor Premi-Aire 40 may be installed up to 1000 mm below the flood level of the fixture.
- The Studor Premi-Aire 40 should be installed to the design drawings contained within the Studor Technical Manual.

Only where specified by local building regulations, a minimum of one vent pipe must extend to the open atmosphere for every building drainage system.

### Warranty

The Studor products have a "Lifetime of System" warranty. Visit [www.studor.net.au](http://www.studor.net.au).



### Pipe sizes

AU/NZ
DN 32-50

Using the supplied adaptor

### Dimensions

Dimension	Metric (mm)	Imperial (inches)
A	65	2 9/16
B	67	2 5/8
Ø C	40 BSP	1 1/2

Note: Dimensions for reference only

### Performance parameter

<b>Temperature range</b>	0 to +60°C (+32 to +150°F)
<b>Air flow capacity</b>	2.4 l/s at -250 pa
<b>Opening pressure +/- 20 pa</b>	-70 pa
<b>Max. pressure rating tightness</b>	10,000 pa (1m H <sub>2</sub> O) at 0 pa or higher

### Branch drainage fixture unit

Pipe size (mm) (inches)	AU (FU)
32 (1 1/4")	9
40 (1 1/2")	9
50 (2")	9