

Australian/New Zealand Standard<sup>™</sup>

**Air admittance valves (AAVs) for use in  
sanitary plumbing and drainage  
systems**

## **AS/NZS 4936:2002**

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee WS-002, Sanitary Plumbing Fittings. It was approved on behalf of the Council of Standards Australia on 14 August, 2002 and on behalf of the Council of Standards New Zealand on 24 July 2002. It was published on 2 September 2002.

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The following are represented on Committee WS-002:

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Department of Local Government (Queensland)  
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**RECONFIRMATION**

**OF**

**AS/NZS 4936:2002**

**Air admittance valves (AAVs) for use in  
sanitary plumbing and drainage systems**

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NOTES

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## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee WS-002, Sanitary Plumbing Fittings.

The objective of this Standard is to provide performance requirements for air admittance valves suitable for use in plumbing systems designed in accordance with AS/NZS 3500.2.1 and AS/NZS 3500.2.2.

This Standard takes cognisance of prEN 12380.2-2001, *Air admittance valves — For use in drainage systems*, from which it has been generally adapted but extends its scope to include those air admittance valves that are integral with the fixture trap.

The term 'normative' has been used in this Standard to define the application of the appendix to which it applies. A 'normative' appendix is an integral part of a Standard.

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## STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

**Australian/New Zealand Standard****Air admittance valves (AAVs) for use in sanitary plumbing and drainage systems****1 SCOPE**

This Standard specifies the requirements and test methods for air admittance valves including those that are integral to a fixture trap. This Standard does not cover air admittance valves for use where the air temperature is either below 0°C or above 60°C.

**2 REFERENCED DOCUMENTS**

The following documents are referred to in this Standard:

## AS

2888 Methods of testing plastics waste fittings

2888.8 Thermal cycling test

3500 National plumbing and drainage

3500.2.1 Part 2.1: Sanitary plumbing and drainage—Performance Requirements

## AS/NZS

3500 National plumbing and drainage

3500.0 Part 0: Glossary of terms

3500.2.2 Part 2.2: Sanitary plumbing and drainage—Acceptable solutions

## EN

12380.2 Air admittance valves—Use in drainage systems

**3 DEFINITIONS**

For the purpose of this Standard the definitions below apply.

**3.1 Air admittance valve**

A component fitted to a plumbing system allowing air to enter the piping system, but not allowing air or gases out.

**3.2 Determined airflow capacity**

The airflow, in litres per second, measured on the apparatus described in Appendix A of this Standard whilst producing a pressure of  $-250 \pm 10$  Pa at the manometer tapping.

**4 MARKING**

Each valve shall be marked with the following information using means that do not interfere with the valve's function:

- The manufacturer's name, brand or trademark.
- The number of this Standard.
- The mark of the certifying body.
- The determined airflow capacity of the valve in litres per second.