

# The Studor P.A.P.A. (Positive Air Pressure Attenuator)

## BPIR Declaration

Version: V1 31/10/23

**Designated building product: Class 1**

### Declaration

Hydroflow Distributors Ltd has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations 2022.

### Product/system

<b>Name</b>	The Studor P.A.P.A. (Positive Air Pressure Attenuator)
<b>Line</b>	
<b>Identifier</b>	

### Description

The Studor P.A.P.A. (Positive Air Pressure Attenuator) is a revolutionary world-first product developed to resolve the problems of positive pressures (transients, back-pressure) within drainage systems of multi-storey and high rise developments. Research and development into the solution over several years resulted in this intelligent product - allowing building designers to simplify their design of sanitary waste systems. The P.A.P.A. - in conjunction with the approved Studor AAVs - deals with negative AND positive pressures.

Temperature range -20°C to +60°C Pipe size DN 80-100

### Scope of use

The P.A.P.A. should be connected to the piping in accordance with Studor's installation instructions. For connection within Australian Standards refer to AS/NZS 3500.2:2015. Refer to your local area regulations for open vent requirements.

5-10 floors one unit on the base

11-15 floors one unit on the base, and one halfway

16-25 floors one unit on the base, one on floor 5, one halfway between remaining floors above floor 5

26-50 floors two units in series on the base, then one unit on every 5th floor to the 25th floor, then every 10th

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floor thereafter 51+ floors to be advised u

## Conditions of use

Must be installed by a registered plumber and drainlayer

The P.A.P.A. should be connected to the piping in accordance with Studor's installation instructions. For connection within Australian Standards refer to AS/NZS 3500.2:2015. Refer to your local area regulations for open vent requirements.

## Relevant building code clauses

**B2 Durability** — B2.3.1 (b)

**F2 Hazardous building materials** — F2.3.1

**G13 Foul water** — G13.3.1, G13.3.2

## Contributions to compliance

Contributions to compliance B2.3.1(a) (ii) and (iii) and B2.3.2: Studor P.A.P.A. apply to B2 acceptable solution. Elements that are moderately difficult to access or replace require not less than 15 years. For example, plumbing in walls or skillion roofs, wall or roof claddings.

G13.3.1 Studor P.A.P.A. aids in conveying foul water from buildings to a drainage system and avoids the likely hood of leaks and foul air and gases entering the building.

G13.3.2 Studor P.A.P.A. system aids in conveying foul water to an appropriate outfall.

## Supporting documentation

The following additional documentation supports the above statements:

<b>Studor P.A.P.A. Spec Sheet</b> (Design)	<a href="https://hydroflow.co.nz/downloads/papa-spec-sheet-oatse.pdf">https://hydroflow.co.nz/downloads/papa-spec-sheet-oatse.pdf</a>
<b>Studor P.A.P.A. Watermark</b> (Certification)	<a href="https://hydroflow.co.nz/downloads/papa-watermark-thd8w.pdf">https://hydroflow.co.nz/downloads/papa-watermark-thd8w.pdf</a>

For further information supporting The Studor P.A.P.A. (Positive Air Pressure Attenuator) claims refer to our website.

## Contact details

<b>Manufacture location</b>	Overseas
<b>Legal and trading name of manufacturer</b>	Studor
<b>Legal and trading name of importer</b>	Hydroflow Distributors Ltd

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<b>Importer address for service</b>	221 Bush Road Auckland 0632
<b>Importer website</b>	<a href="https://hydroflow.co.nz/">https://hydroflow.co.nz/</a>
<b>Importer NZBN</b>	9429000017411
<b>Importer email</b>	orders@hydroflow.co.nz
<b>Importer phone number</b>	0800488444

## Responsible person

As the responsible person as set out in Regulation 3, I confirm that the information supplied in this declaration is based on information supplied to the company as well as the company's own processes and is therefore to the best of my knowledge, correct.

I can also confirm that The Studor P.A.P.A. (Positive Air Pressure Attenuator) is not subject to a warning on ban under [s26 of the Building Act](#).

Signed for and on behalf of **Hydroflow Distributors Ltd:**

Your Signature

Your Name

YOUR POSITION

Month Year

**Hydroflow Distributors Ltd**

221 Bush Road Auckland 0632 New Zealand  
0800488444 | <https://hydroflow.co.nz/>

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## Appendix

Note: The below appendix includes information relating to BPIR Ready.

Publishing this information is not a requirement under BPIR. Its inclusion here is to provide a reference for how this BPIR summary was generated as well as to help summary creators understand the performance clauses suggested by BPIR Ready.

### BPIR Ready selections

**Category:** Foul water conveying plumbing and drainage systems

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	Yes	No
Capable of being permanently concealed		x

## Building code performance clauses

### B2 Durability

B2.3.1

*Building elements* must, with only normal maintenance, continue to satisfy the performance requirements of this code for the lesser of the *specified intended life* of the *building*, if stated, or:

- (b) 15 years if:
- i. those *building elements* (including the *building envelope*, exposed plumbing in the subfloor space, and in-built chimneys and flues) are moderately difficult to access or replace, or
  - ii. failure of those *building elements* to comply with the *building code* would go undetected during normal use of the *building*, but would be easily detected during normal maintenance.

### F2 Hazardous building materials

F2.3.1

The quantities of gas, liquid, radiation or solid particles emitted by materials used in the *construction* of *buildings*, shall not give rise to harmful concentrations at the surface of the material where the material is exposed, or in the atmosphere of any space.

### G13 Foul water

G13.3.1

The plumbing system shall be constructed to:

- a. convey foul water from buildings to a drainage system,
- b. avoid the likelihood of blockage and leakage,
- c. avoid the likelihood of foul air and gases entering buildings, and
- d. provide reasonable access for maintenance and clearing blockages.

G13.3.2

The drainage system shall:

- a. convey foul water to an appropriate outfall,
- b. be constructed to avoid the likelihood of blockage,
- c. be supported, jointed and protected in a way that will avoid the likelihood of penetration of roots or the entry of ground water,
- d. be provided with reasonable access for maintenance and clearing blockages,
- e. be ventilated to avoid the likelihood of foul air and gases accumulating in the drainage system and sewer, and
- f. be constructed to avoid the likelihood of damage from superimposed loads or normal ground movement.

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