

A Product Technical Statement (PTS) is a way to show how a product or system is fit for purpose for use in New Zealand and to demonstrate compliance with the New Zealand Building Code (Building Code Amendment Act 2013).

Rinnai has a partnership with MasterSpec and miproducts, where complete work sections for design specifications are available, including product performance statements for our gas fireplace range. If you do not have access to this specification system, we have replicated our product performance statement in this PTS document.

Company details

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Product description

The Arriva and Evolve models are externally flued and designed to be installed within a cavity chimney construction. They are intended for installation in living spaces, open plan areas, and bedrooms.

Different frame and burn media options are available.

The Arriva and Evolve are available for connection to natural gas or LPG, this must be specified at the time of purchase.

Scope of use

Ideal for living rooms and open plan areas as space heaters. Versatile power flue system makes for easy installation in almost any living space, including bedrooms.

Best suited for a new build installation into a false (mock) chimney.

Design guidelines

Specification and installation must be in accordance with Rinnai installation requirements and with the Building Code.

Rinnai specify that installation must be in compliance with AS/NZS 5601.1:2013 and AS/NZS 3000:2007.

When installing the flue it is recommended that the flashing details comply with those specified in E2/AS1. All Rinnai gas fireplaces must be installed with an approved Rinnai flue system. Choice of flue must be suitable for the specific environmental conditions.



[Arriva 752 product information link](#)



[Evolve 951 product information link](#)



[Evolve 1250 product information link](#)

Environmental

Rinnai power flued gas fireplaces have the energy star mark, which identifies New Zealand's most efficient products and appliances.

**Quality assurance**

- ISO 9001 Certified System
- ISO 14001 Certified System
- New Zealand Made



Medium level of assurance required to meet performance requirements of the NZ Building Code (NZBC)

New Zealand Building Code (NZBC)

Rinnai power flued gas fireplaces and associated flue components comply with the following building code clauses:

- B1.3.1, B1.3.2 (taking into account all physical conditions and allowances provided for in B1.3.3 and B1.3.4)
- C2.2, C2.3
- B2.3.1 (c)

The installation of the gas fireplace and flue must comply with the following building code clauses:

- B1.3.1, B1.3.2 (taking into account all physical conditions and allowances provided for in B1.3.3 and B1.3.4)
- B2.3.1(b), B2.3.2
- C2.2
- E2.3.2
- G4.3.3 (f,i)
- G9.3.1 (a,b,c,d,f), G9.3.3
- G10.3.1 (a,b,c,d), G10.3.2, G10.3.3, G10.3.4, G10.3.5, G10.3.6
- G11.3.2, G11.3.3, G11.3.4

Notes

Performance B2.3.1 (b) - 15 years

Evidence

The product meets the requirements set out in the following documents, or relevant parts of cited standards within the documents:

AGA certified

- AS/NZS 4553: Gas space heating appliances
- NZS 5435: Specification for LPG
- NZS 5442: Specification for Natural Gas

Evidence continued

In respect of the clauses in relation to the gas fireplace and flue kit: Compliance of the gas appliance and flue kit is achieved as the fireplaces are certified to comply with AS/NZS 4553 and compliance with the Gas (safety and measurement) Regulations 2013.

In respect to the installation: In order to ensure compliance with B1.3.1 and B1.3.2 the structure framing and chimney enclosure must comply with B1/AS1 (NZ3604:2011 for timber framing), or B1/VM1 (the NASH Standard for steel framing). Where the proposed use falls outside the scope of either of these documents then structural work must comply with AS1170_B1/AS1.

Compliance with C2.2 is achieved through the certification of the gas fireplaces to AS/NZS4553.

Compliance with E2.3.2 can be achieved by following E2/AS1.

Compliance with G4.3.3 (f,i) is achieved as long as the building complies with G4/AS1.

Compliance with clauses related to G9 is achieved through G9/AS1 (AS3000) as required by Rinnai installation guidance.

Compliance with clauses related to G10 & G11 is achieved through compliance with G10/AS1 and G11/AS1 (AS/NZS 5601.1) as required by Rinnai installation guidance.

Supporting evidence

The product has and can make available the following additional evidence to support the above statements:

Energy Safety Supplier Declaration of Compliance:

- Arriva 752: Declaration number - 1348120126
- Evolve 951: Declaration number - 1724420162
- Evolve 1250: Declaration number - 1690620157

Special conditions - installation requirements

Full installation and flue kit information may be found at www.rinnai.co.nz.

Limitations: To be installed in accordance with all Rinnai installation requirements and to be installed by a licensed gasfitter or gasfitter/plumber, and electrician. Upon completion of the installation, a final inspection and test to demonstrate that the gas appliance has been installed in accordance with Rinnai's instructions and in accordance with Gas (safety and measurement) Regulations 2013 is required by the installer. The gasfitter is to issue a certificate of compliance.

Special conditions - maintenance requirements

Maintenance requirements may be found within the operation guide, which can be found at www.rinnai.co.nz. Installation, servicing and repair shall be carried out only by authorised personnel.

Warranty

Rinnai 2 year Limited Warranty subject to Rinnai's terms and conditions.