

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 heating 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

Energysavers are externally flued appliances, designed to be installed against a wall. They are intended for installation in living spaces, bedrooms, and open plan areas.

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

Energysavers must not be built in, for example into bookcases or walls.

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 Energysavers must be installed with an approved Rinnai flue system. Choice of flue must be suitable for the specific environmental conditions.



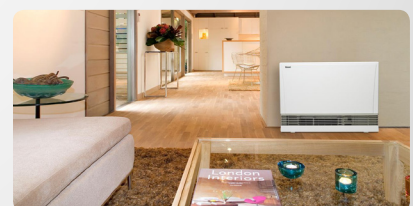
[Energysaver 309FT product information link](#)



[Energysaver 559FT product information link](#)



[Energysaver 561FT product information link](#)



[Energysaver 1005FT product information link](#)



Energysaver

power flued gas heaters

PTS

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



M

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

New Zealand Building Code (NZBC)

Rinnai power flued gas heaters 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 heater 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 heater and flue kit: Compliance of the gas appliance and flue kit is achieved as the heaters 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 flue 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 heaters 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:

- Energysaver 309FT: Declaration number - 1408020132
- Energysaver 559FT: Declaration number - 1408020132
- Energysaver 561FT: Declaration number - 1408020132
- Energysaver 1005FT: Declaration number - 1516320137

Energysaver flue test report - May 2016. This report details the Rinnai in-house testing to determine the effect of connecting a Rinnai mushroom flue to a specific cladding penetration seal.

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, located on 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.