

Building Product Information Sheet

Product name:

FAR Deaerator

Product line (the product line from which the product is customised):

Filtration

Product description and its intended use (measurements, materials, usage):

The FAR deaerator is used in heating and cooling systems to remove air bubbles from the circuit. The air inside the system can cause corrosion in the interior of the pipe and damage to installed components (such as pumps) leading to malfunctions, loss of heat exchange efficiency and noise in the system.

Available in 25mm and 50mm.

Not for use with potable water.

Product identifier (if applicable):

FARDEAR1, FARDEAR2

Please of manufacturer: Aotearoa New Zealand Overseas

Legal and trading name of the manufacturer(s):

Far Rubinetterie SpA

Legal and trading name of the manufacturer(s):

Central Heating New Zealand Ltd

Address for service:

STREET NAME 52 Pilkington Way

SUBURB Wigram

CITY, COUNTRY Christchurch, New Zealand

POSTCODE 8042

Website:

<https://www.centralheating.co.nz/>

Email Address:

info@centralheating.co.nz

Phone No. (if applicable):

03 357 1233

NZBN (if applicable):

9429036621231



Relevant Building Code clauses:

Clause B2 DURABILITY:

Performance B2.3.1 (b)

Clause F2 HAZARDOUS BUILDING MATERIALS:

Performance F2.3.1.

Clause G10 PIPED SERVICES:

Performance G10.3.1 (a).

Statement on how the building product is expected to contribute to compliance:

Clause B2 DURABILITY:

Performance B2.3.1 (b) 15 years. Brass components are moderately easy to access and replace if installed in accordance with the instructions and product requirements.

Clause F2 HAZARDOUS BUILDING MATERIALS:

Performance F2.3.1. Brass components meet this requirement and do not present a health hazard to people.

Clause G10 PIPED SERVICES:

Performance G10.3.1 (a). Brass components are intended for a non-potable piping system, which contributes to meeting this requirement when used in heating systems.

- *options for compliance set out in section 19 of the Act (regulations, acceptable solution, verification method)*
- *standard or technical document that describes the performance of the building product or the relevant specifications to which the building product was manufactured.*
- *physical properties of the building product*
- *how the building product is intended to be used.*

Limitations on the use of the building product:

Please refer to the Deaerator [technical information](#) provided on the Central Heating NZ website.
 The hot water heating system must not be connected to the potable water supply system.

Design requirements that would support the use of the building product:

The heating system design, including the layout of the pipe, must be carried out by a suitably qualified designer.
 Please refer to the Deaerator [technical information](#) provided on the Central Heating NZ website.
 Design must consider the requirement of building code clause H1 for pipework and heating design.

Installation requirements:

Please refer to the Deaerator technical information and [installation instructions](#) provided on the Central Heating NZ website.
 The ideal deaerator position in the heating system is on the supply pipe just after the boiler, where the flow temperature is high.
 This is because, as the water is heated in the boiler there is a possibility of bubbles being formed, causing damage to components.
 or malfunctioning. It is recommended that the deaerator is installed between two shut-off valves to allow for maintenance.
 The system installation must be carried out by a licensed and qualified tradesperson, in accordance with the design supplied by the suitably qualified designer.

 A detailed as-built plan and site photos shall be provided upon the conclusion of installation showing location of all associated pipework and the Deaerator location on a heating schematic.

Maintenance requirements:

Is the building product/building product line subject to warning or ban under section 26:

Yes No

If yes, description of the warning or ban under section 26:

Date:

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