

Building Product Information Sheet

Product name:

Fiorini heat exchangers

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

Gasketed and brazed plate heat exchangers

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

Water to water brazed plate heat exchanger suitable for domestic hot water or pool/spa heating.

Product identifier (if applicable):

HEX13/14B/19/19TI

Please of manufacturer: Aotearoa New Zealand Overseas

Legal and trading name of the manufacturer(s):

Fiorini Industries Srl

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. Heat exchangers are designed to be installed in a location that is 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. Heat exchangers meet this requirement and not present a health hazard to people.

Clause G10 PIPED SERVICES:

Performance G10.3.1 (a). Heat exchangers are supplied by 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 Heat exchanger technical drawings and [product specification](#) supporting [information](#) provided on the Central Heating NZ website.

Heat exchangers are for use in non-potable water heating and cooling systems.

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

Please refer to the Heat exchanger technical drawings and product [specification](#) supporting information provided on the Central Heating NZ website.

Heat exchanger set out and related heating system is subject to site specific design by the heating system proprietor.

Designer must consider the requirement of building code clause H1 for Heat exchanger pipework installed outside the thermal envelope.

Installation requirements:

Please refer to the Heat exchanger technical drawings and [product specification](#) supporting information provided on the Central Heating NZ website.

Heat exchangers must be installed on stable supporting structure using the mounting points (where size requires structural support).

All positions and pipework outlet heights above finished floor level feeding a heat exchanger is to be confirmed on site before installation. Co-ordination between trades is essential.

Heat exchanger [installation manuals](#) must be reviewed prior to installation to ensure bracket details and pipe positions are confirmed.

installation of heat exchanger system components must be carried out by a trained and qualified installer, familiar with the system installation requirements.

Heat exchanger system manuals and installation requirements must be available on site for reference during installation (either print or digital media).

A detailed as-built plan and site photos shall be provided upon the conclusion of installation showing location of all embedded/concealed pipework supplying the Expansion vessels.

Maintenance requirements:

Access for maintenance and inspection is required. Maintenance should be carried out in consultation with the system installer.

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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