

Building Product Information Sheet

Product name:

FAR 3 Port Motorized Zone Valves

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

Zone Valves

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

Brass Full Bore Zone Valve for low flow resistance when operating. PTFE seals eliminate 'sticking' for long life reliability. 5 Wire actuator.

Requires electrical actuation, and so is a electrical appliance.

male/male/male thread in 1", 1 ½", 2"

Not for use with potable water.

Product identifier (if applicable):

V3PZV1, FARZV3P

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 G9 ELECTRICITY:

Performance G9.3.1

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. Valves 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 valves meet this requirement and do not present a health hazard to people.

Clause G9 ELECTRICITY:

Performance G9.3.1 (a)-(g) the actuator complies with the performance requirements and achieves an IP65 rating.

(a) protect people from contact with parts of the installation which are live during normal operation, and to prevent parts of the installation or other building elements becoming live during fault conditions,

(b) permit the safe isolation of the installation and of electrical fittings and appliances,

(c) safeguard people from excessive temperatures resulting from either normal operation of electrical equipment, or from currents which could exceed the installation rating,

(d) safeguard people from injury which may result from electromechanical stress in electrical components caused by currents more than the installation rating,

(e) Protect building elements from risk of ignition, impairment of their physical or mechanical properties, or function, due to temperature increases resulting from heat transfer or electric arc,

(f) Operate safely in its intended environment,

(g) Safeguard against ignition of the surrounding atmosphere where it is potentially flammable or explosive.

Clause G10 PIPED SERVICES:

Performance G10.3.1 (a). Heating valves 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 FAR motorised valve technical information provided on the Central Heating NZ website.

The hot water heating system must not be connected to the potable water supply system.

Valve is not suitable for potable water supply.

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 valve [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 valve [technical information](#) and [installation instructions](#) provided on the Central Heating NZ website.

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 valve location on a heating schematic.

From technical installation sheet:

The actuator on our new FAR V3PZV1 is not spring return and instead requires phase to open & phase to close as shown on the diagram in the installation manual, it also does not include an internal terminal board.

Before fitting the actuator, make sure the markings on the valve body shaft correspond with the position as shown in the installation manual.

Ensure the actuator is in the "Open" position and the actuator valve driver key is in the straight position as shown in the installation manual.

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:

3 0 0 8 2 3