

**CLASS 1**

# Building Product Information Sheet

**Product name:**

Caleffi 5231 20-50mm Heavy Duty Tempering Valve

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

Caleffi

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

Heavy duty 5231 series thermostatic tempering valve with 20-50mm unions  
For use on high demand hot water systems with a flow rate between 10 and 92L/min - 33 and 272L/min  
Recommended working pressure 100 – 500kPa (balanced)  
Kv = 75 - 222L/min  
Union connections with fibre washer seal (without check valves)  
Temperature range adjustable 35 – 65°C  
Temperature control +/- 2°C  
Max. operating temperature 90°C  
Body in dezincification resistant brass  
Note: A minimum 20kPa dynamic system pressure is required for correct valve function excluding any system losses in pipework etc.

**Product identifier** (if applicable):

TV523150, TV523160, TV523170, TV523180, TV523190

**Place of manufacture:**  Aotearoa New Zealand  Overseas**Legal and trading name of the manufacturer(s):**

CONFIDENTIAL

**Legal and trading name of the importer** (if applicable):

WATERWARE SERVICES LIMITED

**Address for service:**

STREET NAME 54 Stonedon Drive SUBURB East Tamaki

CITY, COUNTRY Auckland, New Zealand POSTCODE 2013

**Website:** <https://www.waterware.co.nz/>**Email address:** [info@waterware.co.nz](mailto:info@waterware.co.nz)**Phone No.** (if applicable): 09 273 9191**NZBN** (if applicable): 9429038721021

**Relevant Building Code clauses:**

B2 Durability — B2.3.1 (c)  
E3 Internal moisture — E3.3.1  
F2 Hazardous building materials — F2.3.1

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

Caleffi 5231 Series Specification Sheet:

<https://www.waterware.co.nz/wp-content/uploads/2021/06/TV5231-OEM-spec-sheet.pdf>

Installation Instructions:

<https://www.waterware.co.nz/wp-content/uploads/2021/06/TV5231-OEM-Installation-instructions.pdf>

- *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:**

This product is intended for domestic use only.

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

Suitable for residential and commercial applications

**Installation requirements:**

The unit must be installed by an accredited technician.

**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:** 19/09/2023