# Test Report

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|---|---|
| Report No. | 20260710-HC-10014-15 |
| Product Name | Thermostatic Mixing Valve, DN25 |
| Client | HOME CREATOR GROUP LTD |

The Testing Centre of HOME CREATOR GROUP LTD

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# Test Report

Report No.: 20260710-HC-10014-15

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|---|---|---|---|
| **Sample Name** | Thermostatic Mixing Valve, DN25 | **Size/Model** | DN25 |
| **Product Code** | HC-10014 | **Client** | HOME CREATOR GROUP LTD |
| **Batch No.** | / | **Receiving Date** | 2026.07.6 |
| **Order No.** | / | **Test Date** | 2026.07.6~2026.07.10 |
| **Samples Qty.** | 6 Pcs | **Test Location** | Test Centre |
| **Temperature** | 24℃ | **Humidity** | 60% |
| **Equip.Status** | Good | **Sample(s) Status** | Good |
| **Test Std.** | According to V&G internal product standards requirement. | | |
| **Test Item(s)** | 1.Air Pressure Test;<br>2.Flow Rate Test Procedure。 | | |
| **Test Equip.(No.)** | 1.Bending & Tensile Testing Bench ;<br>2. Integrated Mixing Valve Test Bench. | | |
| **Test conclusion** | The testing samples are qualified, according to the relevant product standards requirement. the details of testing result please the see Page 3 .<br><br>**Date Issue: July 10th , 2026** | | |
| **Remarks** | / | | |

**Approved by** Daniel Cooper **Verified by** Andrew Clarke **Inspector** Christopher Bell

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Report No.: 20260710-HC-10014-15

| No. | Test item(s) | Test specification | Sample No. | Test Results | Judgment |
|---|---|---|---|---|---|
| 1 | Air Pressure Test | Introduce air into the mixed water outlet at 8 bar pressure; maintain for 30 seconds. Both the cold and hot water inlets must remain sealed during the test. | 1 | no leakage | PASS |
| | | | 2 | no leakage | PASS |
| | | | 3 | no leakage | PASS |
| | | | 4 | no leakage | PASS |
| | | | 5 | no leakage | PASS |
| | | | 6 | no leakage | PASS |
| 2 | Flow Rate Test Procedure | Water Supply & Installation: Connect water to both the cold and hot water inlets. Install the test sample with the flow control valve fully open.<br>Water Temperature:<br>Cold water: 15–20°C<br>Hot water: 68–80°C<br>Water Pressure: 0.3 MPa ±0.02 MPa<br>Test Scope: Conduct a flow rate test across the entire temperature adjustment range (30–65°C).<br>The test requires that the outlet water temperature of the product be maintained between 30–65°C, with a minimum flow rate of 50 L/min. | 1 | Complies with the requirements | PASS |
| | | | 2 | Complies with the requirements | PASS |
| | | | 3 | Complies with the requirements | PASS |
| | | | 4 | Complies with the requirements | PASS |
| | | | 5 | Complies with the requirements | PASS |
| | | | 6 | Complies with the requirements | PASS |
| 以下空白/The End | | | | | |