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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 29730-2025

Replacing GB/T 29730-2013

Distribution manifold of cold/hot water

冷热水用分集水器

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

This document replaces GB/T 29730-2013 "Manifolds for hot and cold water". Compared with GB/T 29730-2013, except for the structural adjustment and In addition to editorial changes, the main technical changes are as follows.

- a) The terms "manifold", "manifold regulating valve", "manifold on-off valve" and their definitions have been changed (see 3.1, 3.4, 3.5, 2013 3.1, 3.4, and 3.5 of the 2012 edition);
- b) Added the terms "electrothermal actuator", "electric actuator", "flow coefficient" and their definitions (see 3.6 to 3.8);
- c) Added classification (see 4.1);
- d) The marking has been changed (see 4.2, 4.3 of the 2013 edition);
- e) The general requirements for structure, materials, and surface treatment have been changed (see 5.1 to 5.3, 4.1, 5.1, 5.2, and 5.4 of the 2013 edition);
- f) Added general requirements for actuators (see 5.4);

- g) Changed the requirements for appearance, dimensions and connections, air tightness, pressure strength, hydraulic balance performance, flow regulation performance and bending resistance (See 6.1, 6.2, 6.4 to 6.8, and 4.2, 5.3, 6.1 to 6.6 of the 2013 edition);
- h) Added requirements for corrosion resistance, torsion resistance, pull-out resistance, and opening and closing performance (see 6.3, 6.9 to 6.11);
- i) The test methods for appearance, air tightness, pressure strength, hydraulic balance performance, flow regulation performance and bending resistance have been changed (see 7.2, 7.5~7.9, 2013 version 7.1~7.6);
- j) Added test conditions, dimensions and connections, corrosion resistance, torsion resistance, pull-out resistance and opening and closing performance test methods (see 7.1, 7.3, 7.4, 7.10, 7.11, 7.12);
- k) Added inspection categories (see 8.1);
- l) The inspection rules for factory inspection and type inspection have been changed (see 8.2, 8.3, and 8.1, 8.2 of the 2013 edition).

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

This document is proposed by the Ministry of Housing and Urban-Rural Development of the People's Republic of China.

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This document was first published in 2013 and this is the first revision.

1 Scope

This document specifies the classification and marking, general requirements, requirements, test methods of manifolds for hot and cold water (hereinafter referred to as "manifolds").

Methods, inspection rules, marking, packaging, transportation and storage.

This document applies to manifolds in hot and cold water cooling and heating systems of civil buildings and ancillary buildings of industrial buildings.

This document is not applicable to large manifolds in refrigeration rooms or heating exchange stations.

2 Normative references

GB/T 1220

GB/T 1804

GB/T 2828.1

GB/T 5231

GB/T 6461-2002

GB/T 7306.1

GB/T 7306.2

GB/T 7307

GB/T 9124.1

GB/T 9124.2

GB/T 9797

GB/T 10125

GB/T 12771

GB/T 13912

GB/T 13913

GB/T 13927

GB/T 14536.1

GB/T 14832

GB/T 15820

GB/T 30832

3 Terms and Definitions

The following terms and definitions apply to this document.