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

GB/T 11977-2025

Replacing GB/T 11977-2008

Functions and dimensions series of bathrooms in housing

住宅卫生间功能及尺寸系列

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1.Structure and Drafting Rules of Standardization Documents". Drafting. This document replaces GB/T 11977-2008 "Functional and Dimensional Standards for Residential Bathrooms". Compared with GB/T 11977-2008, except for the structural... Aside from structural adjustments and editorial changes, the main technical changes are as follows:

- a) The definitions of "accessible restroom," "integrated restroom," "laundry unit," and "same-floor drainage" have been revised (see 3.2, 3.3, 3.8, and 3.11). (2008 editions 3.2, 3.3, 3.8, 3.10)
- b) The term and definition of "integrated toilet" have been added (see 3.4);
- c) The classification and labeling of residential bathrooms have been changed (see Chapter 4, Chapter 4 of the.2008 edition);
- d) The usable area index for residential bathrooms has been revised (see 5.2, 5.3, and 5.1.3 in the.2008 edition);
- e) The installation dimensions for the complete bathroom have been revised and illustrations have been added (see 5.4, 5.1.4 in the.2008 edition);
- f) Increased installation size requirements for integrated bathrooms (see 5.5);
- g) Increased requirements for age-friendly features in residential bathrooms (see 5.6, 5.7, 5.8);

h) The facilities and configuration of the restrooms have been changed (see Chapter 6, 5.2.3 of the 2008 edition);

i) Added a series of sizes for accessible toilets and installation sizes for accessible facilities (see 7.2, 7.3.8, 7.3.9). Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents. This document was proposed by the Ministry of Housing and Urban-Rural Development of the People's Republic of China. This document is under the jurisdiction of the National Technical Committee on Standardization of Building Components (SAC/TC454). This document was drafted by: China Academy of Building Research Co., Ltd., Tsinghua University Architectural Design & Research Institute Co., Ltd., and Beijing Institute of Technology. University of Technology, Jiangsu Weishi Housing Technology Co., Ltd., Wanhua Eco-friendly New Home Decoration (Henan) Co., Ltd., Rifeng Enterprise Group Co., Ltd., Hunan Bao Xinyun Architectural Integrated Service Platform Co., Ltd., Sichuan Provincial Architectural Design & Research Institute Co., Ltd., and Xiamen Ruierte Sanitary Ware Technology Co., Ltd. The company, China Building Decoration Association, Runfa Residential Technology (Changzhou) Co., Ltd., Beijing University of Civil Engineering and Architecture, Hunan Xinling Housing Equipment Co., Ltd. Wanzhong Hongtai Group Co., Ltd., Guangdong Yonghe Construction Group Co., Ltd., and China Huaxi Engineering Design & Construction Co., Ltd. The main drafters of this document are: Duan Zhaoxia, Zhou Xiangyin, Wang Ning, Xu Na, Cao Yijie, Yang Jinchun, Li Hua, Huang Xianming, Cai Zhuo, Yu Wenjie, and Lin Xiyong. Chai Tiefeng, Wang Bing, Hu Yanan, Zhang Minghao, Shan Yanming, Xiao Enwu, Yin Qiang, Duan Haoqi, Gong Yiming, Zhou Zhen, Deng Aisi, Yu Chaoxing. This document was first published in 1989, revised for the first time in 2008, and this is the second revision. Residential Bathroom Functions and Dimensions Series

1 Scope

GB/T 11977-2025 is the Chinese national standard on functions and dimensions series of bathrooms in housing, in the field of construction materials and building. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 5 October 2025 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 February 2026. Classification: ICS 91.010.30, CCS P30. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This document specifies the classification and labeling of residential bathrooms, general requirements, bathroom facility configuration, and bathroom size series. This document

applies to the functional configuration and size design of bathrooms in newly built, renovated, and expanded residential buildings.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB/T 31436 Water-saving sanitary ware

GB/T 50002 Standard for Modular Coordination of Buildings

GB 50015 Standard for Design of Building Water Supply and Drainage

GB 55019 General Specification for Barrier-Free Construction and Municipal Engineering

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 Residential bathrooms in housing A space in a residence used by residents for activities such as urination, defecation, washing, and bathing.

3.2 wheelchair-accessible bathroom Toilets are installed in accessible housing and living rooms to facilitate use by people with disabilities, the elderly, and others in need.

3.3 unitbathroom The main frame consists of a waterproof chassis, wall panels, roof panels, and supporting keel, all manufactured in a factory, and is connected to various sanitary ware, facilities, pipelines, and accessories. An independent bathroom product assembled from parts and not installed on an external wall.

3.4 Integrated bathroom The system integrates flooring, wall panels, ceilings, sanitary ware, facilities, pipelines, and accessories manufactured in the factory, and is installed using the external wall structure. The bathroom is mainly assembled using the dry construction method.

3.5 lavatory unit The space in the bathroom used for urination and defecation.

3.6 washroom unit A bathroom is a space for washing hands, face, brushing teeth, and rinsing the mouth.