



01061

Plumbing Regulatory and Directive Standards

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A. Summary

This section identifies applicable plumbing design standards, codes, references, and project document inclusions, and describes broad system concepts that address a number of sub-systems. These sub-systems are generally described here, but might be further described and specified in a separate section of the Yale University Design Standards. This and all other applicable sections should be read carefully and understood before designing or specifying any system or piece of equipment.

B. System Design and Performance Requirements

1. Design the HVAC system for longevity, durability and flexibility. Include redundant equipment in the design to provide Yale University with the capability to maintain the plumbing system without disturbing normal building operation.
2. Several options are available when selecting systems and equipment for a given type of building. To best serve Yale University's facility management strategies and for ease of maintenance, use proven central-type systems. For example, use central storage or instantaneous domestic hot water heaters, instead of local hot water heaters on each floor.
3. See the Division 15 sections of these standards, as well as [Section 00703: General Plumbing Design Conditions](#), for further detailed design requirements.
4. The design team is responsible for coordinating the construction drawings to ensure that adequate space is available in the general location of each component. The general contractor or construction manager is responsible for coordinating the construction to ensure compliance with this space requirement. Any corrective work is at the expense of the general contractor or construction manager.

C. Submittals

See [Section 01330: Designer Submittals](#) and the Division 15 mechanical sections of these standards for submittals requirements.