





Plumbing Code Update

Important Information For New York Contractors



Honeywell Thermostatic Mixing Valves Meet New York State Mechanical Codes.

	MX Series	AMX300 Series	AMX Series	AM-1 Series
				
Designed Specifically For Large Flow	•			
Designed To Reduce The Risk Of Scalding And Legionella Bacteria Growth – An important feature your customers will appreciate	•	•	•	•
Teflon® Coating – Reduces clogging, which means fewer callbacks	•	•	•	•
Easy Installation – Add profits, not time, to each water heater installation		•	•	•
Built-In Check Valve – Prevents cross-flow of hot water	•	•	•	• (union models only)
Direct Connection		•	•	
Certification	ASSE 1017 (1" to 2" models)	ASSE 1017	ASSE 1017	ASSE 1016 & 1070

New York State Plumbing Code (2003 IPC Mod):

Definitions: Hot Water: Potable water at a temperature of not less than 120 degrees F and not more than 140 degrees F.

Tempered Water: Water at a temperature of not less than 90 degrees F and not more than 105 degrees F.

101.2 Scope. The provisions of this code shall apply to the erection, installation, alteration, repair, relocation, replacement, addition to, use or maintenance of plumbing systems. This code shall also regulate nonflammable medical gas, inhalation anesthetic, vacuum piping, nonmedical oxygen systems and sanitary and condensate vacuum collection systems. The installation of fuel gas distribution piping and equipment, fuel gas-fired water heaters, and water heater venting systems shall be regulated by the New York city fuel gas code.

Exceptions:

1. Detached one- and two-family dwellings and multiple single family dwellings (townhouses) not more than three stories high with separate means of egress and their accessory structures shall comply with the New York city residential code.
2. Plumbing systems in existing buildings undergoing repair, alteration, or additions, and change of occupancy shall be permitted to comply with the existing building provisions of the New York city building code.
3. Structures on waterfront property used in conjunction with and in furtherance of waterfront commerce and/or navigation.
4. Bridges, tunnels or subways or structures appurtenant thereto.

501.2 Water heater as space heater. Where a combination potable water heating and space heating system requires water for space heating at temperatures higher than 140°F (60°C), a master thermostatic mixing valve complying with ASSE 1017 shall be provided to limit the water supplied to the potable hot water distribution system to a temperature of 140°F (60°C) or less. The potability of the water shall be maintained throughout the system.

607.1 Where required. In residential occupancies, hot water shall be supplied to all plumbing fixtures and equipment utilized for bathing, washing, culinary purposes, cleansing, laundry or building maintenance. In nonresidential occupancies, hot water shall be supplied to all plumbing fixtures and equipment utilized for culinary purposes, cleansing, laundry or building maintenance. In nonresidential occupancies, hot water or tempered water shall be supplied for bathing and washing purposes. Tempered water shall be delivered for accessible hand-washing facilities.

The 2002 N Y State Mechanical Code has the following interesting definitions and sections:

The Mechanical Code is basically the 2000 International Mechanical Code.

101.2 Scope. The provisions of this code shall apply to the design, installation, maintenance, alteration and inspection of mechanical systems that are permanently installed and utilized to provide control of environmental conditions and related processes within buildings.

Exception: Detached one- and two-family dwellings and multiple single-family dwellings (townhouses) not more than three stories high with separate means of egress and their accessory structures shall comply with the Residential Code of New York State.

1002.2 Water heater utilized for space heating. Water heaters utilized both to supply potable hot water and provide hot water for space-heating applications shall be listed and labeled for such applications by the manufacturer and shall be installed in accordance with the manufacturers instructions and the Plumbing Code of New York State.

1002.2.2 Scald protection. Where a combination potable water-heating and space-heating system requires water for space heating at temperatures higher than 140° F (60° C), a tempering valve shall be provided to temper the water supplied to the potable water distribution system to a temperature of 140° F (60° C) or less.