# Plumbing Code Update

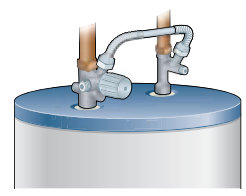
Important New Information For Florida Contractors

Honeywell

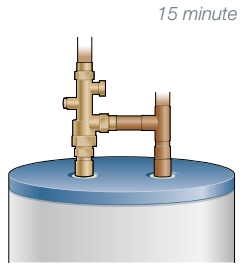

# Florida Has Adopted The 2006 International Plumbing Code

## Any New Residential Or Commercial Construction Must Comply To The New Codes. Honeywell Thermostatic Mixing Valves Meet These Requirements.

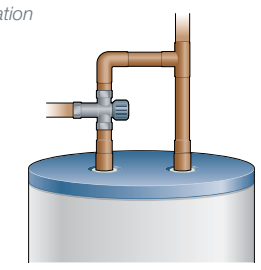
| | AMX300 Series | AMX Series | MX Series | AM1070 Series | AM-1 Series | UMV-304U |
|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |
| **Designed To Help Prevent Scalding** — An important health feature your customers will appreciate | • | • | • | • | • | • |
| **Teflon® Coating** — Reduces clogging, which means fewer callbacks | • | • | • | • | • | |
| **Easy Installation** — A Thermostrip® is included to make temperature-setting easy for one person | • | • | | • | • | |
| **Built-In Check Valves** — Prevent cross-flow of hot water | • | • | | • | • (union models only) | • |
| **High Cv Ratings** — Ensures larger flow through the valve | 2.1 | 4 | 4 – 50 | 1.8 | 3.2 – 4.3 | 0.55 |
| **Certification** | ASSE 1017 | ASSE 1017 | ASSE 1017 | ASSE 1070 & 1017 | ASSE 1017 | ASSE 1016 & 1070 |



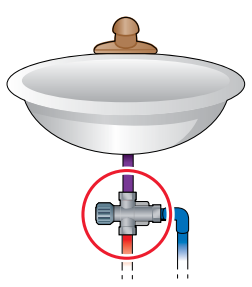
*The AMX300 Kit includes everything you need for a 15 minute installation*



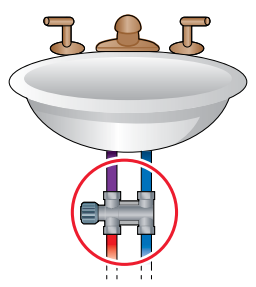
*The AMX mixing valve cuts installation time and number of parts in half.*



*AM-1 mixing valve installation.*



***UMV-304 3-Port Option** Typically used in public facilities and office buildings where a consistent temperature is required.*



***UMV-304 4-Port Option** Typically used in homes, apartments, hotels and locations where the user is free to adjust the water temperature.*

## Florida State Plumbing Code (2006 IPC)

Definitions: **Hot Water** - water at a temperature equal to or greater than 110° F (43° C). **Tempered Water** - water having a temperature range between 85° F (29° C) and 110° F (43° C).

101.2 **Scope** — The provisions of this code shall apply to the erection, installation, alteration, repairs, relocation, replacement, addition to, use or maintenance of plumbing systems within this jurisdiction… **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 *International Residential Code*.

408.3 **Bidet water temperature** — *(Use AM 1070 Series to meet this code.)*
The discharge water temperature from a bidet fitting shall be limited to a maximum temperature of 110° F (43° C) by a water temperature limiting device conforming to ASSE 1070.

416.5 **Tempered water for public hand-washing facilities** — *(Use AM 1070 or UMV Series to meet this code.)*
Tempered water shall be delivered from public hand-washing facilities through an approved water temperature limiting device that conforms to ASSE 1070.

424.5 **Bathtub and whirlpool bathtub valves** — *(Use AM 1070 Series to meet this code.)*
The hot water supplied to bathtubs and whirlpool bathtubs shall be limited to a maximum temperature of 120° F (49° C) by water temperature limiting device that conforms to ASSE 1070, except where such protection is otherwise provided by a combination tub/shower valve in accordance with Section 424.3.

501.2 **Water heater as space heater** — *(Use AM-1, AMX, AMX300 or MX Series to meet this code.)*
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.

501.6 **Water temperature control in piping from tankless heaters** — *(Use AM-1, AMX or AMX300 Series to meet this code.)*
The temperature of water from tankless water heaters shall be a maximum of 140 °F (60 °C) when intended for domestic uses…

607.1 **Where required** — *(Use AM 1070 or UMV Series to meet this code.)*
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 purposes. In nonresidential occupancies, hot water or tempered water shall be supplied for bathing and washing purposes. Tempered water shall be supplied through a water temperature limiting device that conforms to ASSE 1070 and shall limit the tempered water to a maximum of 110 °F (43°C). This requirement shall not supersede the requirement for protective shower valves in accordance with Section 424.3.

613.1 **Temperature-actuated mixing valves** — *(Use AM-1, AMX, AMX300 or MX Series to meet this code.)*
Temperature-actuated mixing valves which are installed to reduce water temperatures to defined limits, shall comply with ASSE 1017.

www.honeywellwaterawareness.com

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