

***2.5-2.2.3.4 Capacity.** The water-heating system shall have supply capacity at the temperatures and amounts indicated in Table 2.5-1 (Hot Water Use—Residential Health, Care, and Support Facilities). Storage of water at higher temperatures shall be permitted.

***2.5-2.2.3.5 Hand-washing sinks.** For hand-washing sinks, water shall be permitted to be supplied at a constant temperature between 70°F and 80°F using a single-pipe supply.

2.5-2.2.4 Drainage Systems

2.5-2.2.4.1 Piping

- (1) Installation of exposed drainage piping or piping in the ceiling shall be avoided in food preparation centers, food service facilities, food storage areas, central services, electronic data processing areas, electric closets, and other sensitive areas.
- (2) Where overhead drainage piping in these areas is unavoidable, provisions shall be made to protect the space below from leakage, condensation, and dust particles.

2.5-2.2.4.2 Kitchen grease traps. If grease traps are used, they shall be located so they are easily accessible for cleaning.

2.5-2.2.4.3 Sewers. Building sewers shall discharge into community sewerage. Where such a system is not available, the facility shall treat its sewage in accordance with local and state regulations.

2.5-2.3 Plumbing Fixtures

2.5-2.3.1 General

The material used for plumbing fixtures shall be non-absorptive and acid-resistant.

2.5-2.3.2 Hand-Washing Sinks

See Section 2.4-2.2.8 (Hand-Washing Stations) for

requirements for incorporating a sink into a hand-washing station.

2.5-2.3.2.1 Basin design

- (1) Sinks used for hand-washing shall be designed with basins that reduce splashing.
- (2) The nominal open area of the basin shall not be smaller than 144 square inches (929.03 square centimeters), with a minimum dimension of 9 inches (58.06 centimeters) in width or length.
- (3) Hand-washing sink basins shall be made of vitreous china, porcelain, stainless steel, or solid-surface materials.

2.5-2.3.2.2 Sink basins shall be installed so they fit tightly against the wall or countertop and are sealed to prevent leaks.

2.5-2.3.2.3 Fittings

- (1) The water discharge point of a hand-washing sink faucet shall be at least 8.5 inches (21.59 centimeters) above the bottom of the basin for resident rooms/bathrooms and 10 inches (25.4 centimeters) above the bottom of the basin for all other locations.
- (2) Hand-washing sinks used by care and nursing staff and food service staff shall have fittings—including single-lever or wrist blade devices—that allow for hands-free operation.
 - (a) Blade handles used for this purpose shall be at least 4 inches (10.16 centimeters) in length.
 - (b) The location and arrangement of fittings shall provide the clearance required for operation of blade-type handles.
- (3) Hand-washing sinks in resident rooms and dwelling units shall include a single-lever faucet with mixer.
- (4) Hand-washing sinks in public toilet rooms that are accessible to residents with dementia shall include a single-lever faucet with mixer.

lower than 80°F (26.6°C) for hand-washing use. Water at this temperature may be warm enough to encourage good hand-washing practice but cooler than the ideal growth conditions for Legionella.

APPENDIX

A2.5-2.2.3.4 Water temperature is measured at the point of use or inlet to the equipment.

A2.5-2.2.3.5 One way to limit the potential growth of Legionella in a heated potable water system is to distribute water at a temperature