Model STS Indoor Tempering Systems
Designed for Longevity

Specification:

1.0 Skid
Skid shall be constructed of stainless steel and include forklift slots for easy mobility.

2.0 Tank Options
When required, the tempering skid shall include a hot water storage tank. These tanks come in sizes of 119G, 120G ASME, 200G ASME, and 310G ASME. Tanks to include an immersion heater at 5KW minimum. System to also include an Acorn Controls ET71 mixing valve that safely mixes hot and cold water up to flows of 70gpm. All tank systems include an expansion tank.

3.0 Tankless Water heater Options
When required, the tempering skid shall include a tankless water heater to provide an unlimited supply of tepid water. Standard options are 77KW, 115KW, and 154KW.

4.0 Drenching Option
When specified, includes a shower, eye-face wash supplied with a strainer. The shower and eyewash shall be protected with freeze and scald valves. All stay open valves are chrome plated brass.

5.0 Electrical Options
Tempering systems come standard in either 480V or 600V 3phase configurations. Other voltages available upon request. Systems can be designed for NEMA 4, NEMA 4X, or CL1 DIV2 locations.

6.0 Pump Options
When specified, the tempering skid shall include a booster pump to overcome piping losses, and a recirculation pump to move tepid water throughout the tempering loop. Pumps shall be sized based on project details.

7.0 Piping Options