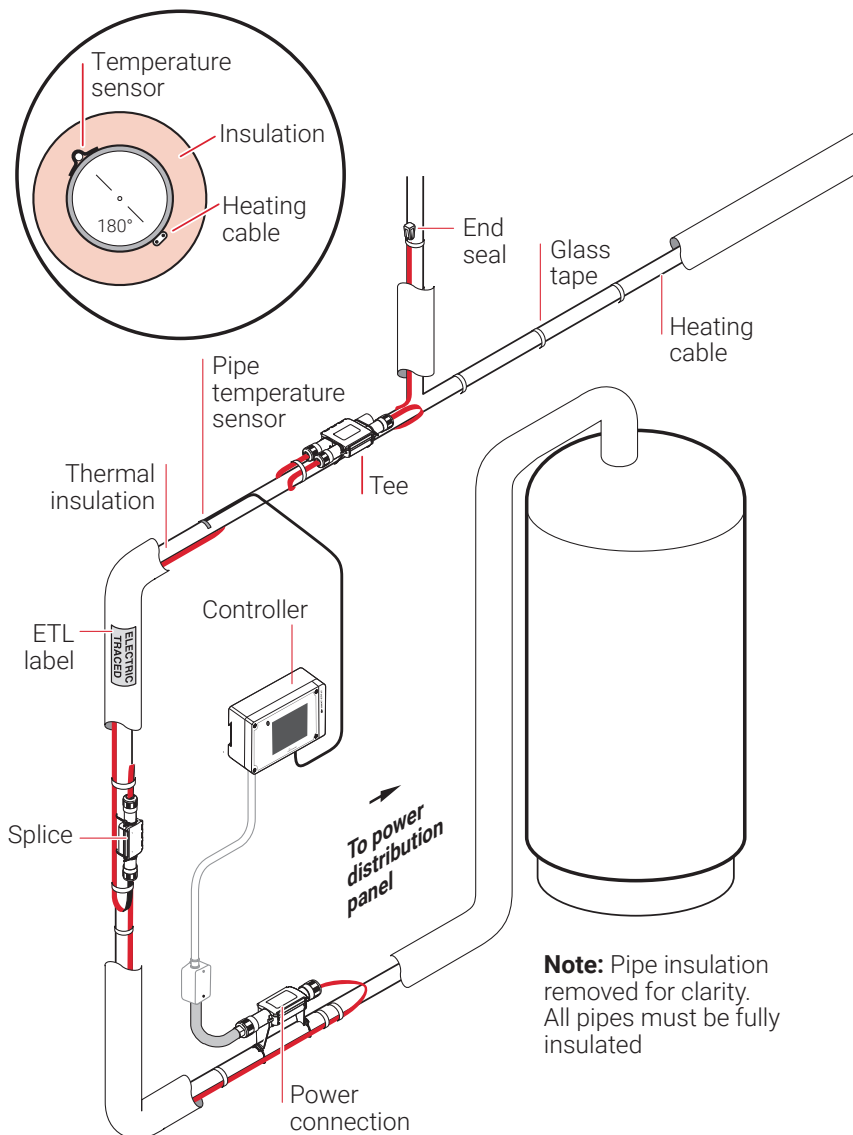


# Hot Water Temperature Maintenance HWAT

Complies with ASPE water delivery times and non-circulated pipe length requirements.

**ASPE allows up to 50 feet of non-circulated hot water supply pipe, but requires that hot water is delivered within 30 seconds. This is only possible for high flow fixtures, not today's 0.5 GPM. HWAT can be installed all the way to the tap to easily meet ASPE requirements, reduce wasted water, and improve customer satisfaction.**



**Note:** Pipe insulation removed for clarity. All pipes must be fully insulated

**Typical HWAT heating cable system**

## HOT WATER TEMPERATURE MAINTENANCE FOR COMMERCIAL FACILITIES

### Simple hot water temperature maintenance system compared to recirculation

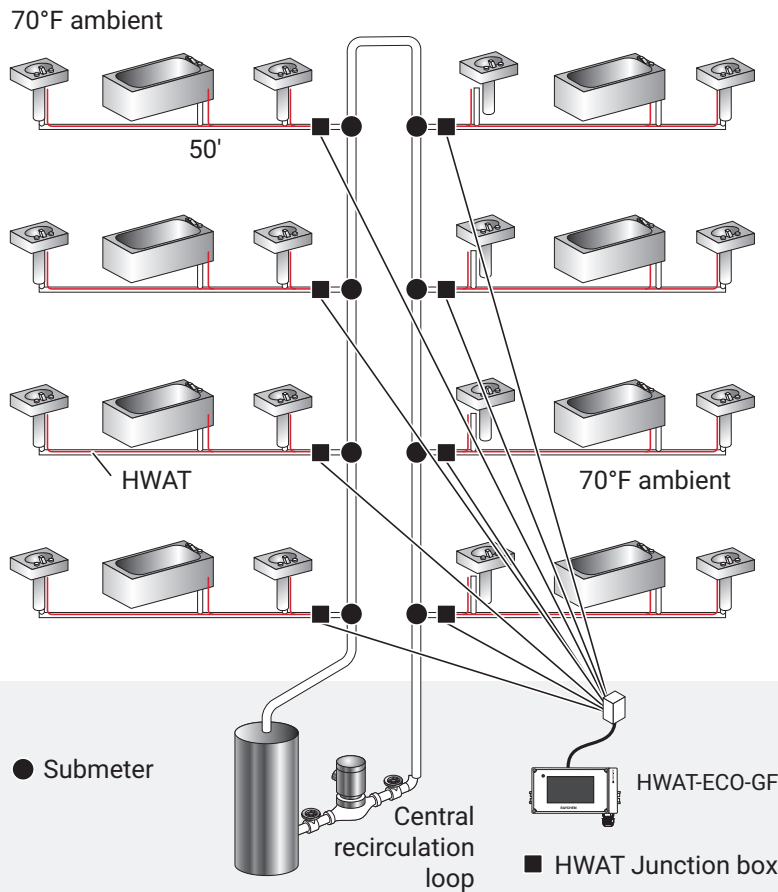
- ✓ The self-regulating heating cable compensates for the heat loss of the supply pipe
- ✓ No return pipe or pump.
- ✓ Maintain temperature of the pipe can be programmed as required on 24/7 calendar schedule
- ✓ Instant hot water
- ✓ Minimal water waste
- ✓ Up to 16% energy savings

### Recirculation System

- ✓ Supply and return pipes, fittings, insulation, etc.
- ✓ Complicated design
- ✓ Labor intensive
- ✓ Balancing valves
- ✓ Circulation pump power
- ✓ High maintenance
- ✓ High heat loss.
- ✓ High energy and water waste

# Building A More Sustainable and Electrified World

Combining a recirculated hot water main with the HWAT system for the horizontal piping is often the best of both worlds.



Generic hybrid HWAT system

At nVent, our solutions connect and protect a **more sustainable and electrified world**, bringing efficiency, resiliency and safety to critical systems around the globe.



## Energy Efficiency

- ✓ Improves product and/or customer end-use energy efficiency
- ✓ Reduces carbon footprint and increases energy efficiency through remote access technology



Our powerful portfolio of brands:

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