

# AquaPort™ Creates DHW on Demand for Improved Water Quality and Energy Savings



Proven in Europe since 2004, the Uponor AquaPort™ is a prefabricated assembly that uses a double-wall heat exchanger to convert a building's hydronic heating supply to provide on-demand domestic hot water.

Part No.  
**XP0525180**

- > 180,000 btu/hr
- > 5.25 gpm

Part No.  
**XP0300100**

- > 100,000 btu/hr
- > 3 gpm

## Double-Wall Heat Exchanger

- > Brazed plates for higher efficiencies and a lower-temperature profile
- > Includes thermosiphon to drain energy quickly for rapid cooling
- > Minimizes microbial growth for better hygiene
- > Requires no descaling for minimal maintenance
- > Atmospheric vents to prevent cross-contamination for a safer system

## Proportional Control Valve

- > Listed to ASSE LEC 2010 and NSF 61 for water safety
- > Atmospheric vents to prevent cross-contamination for a safer system



## DHW Controller

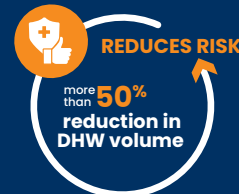
- > Works off a 10°F (5°C) approach temperature to save energy
- > Temperature-limiting device with customizable settings to prevent scalding

## Temperature Bypass Valve

- > Keeps DHW charged to allow for a 10-second hot-water delivery time
- > Maximizes water and energy savings

DHW DCW HWS HWR

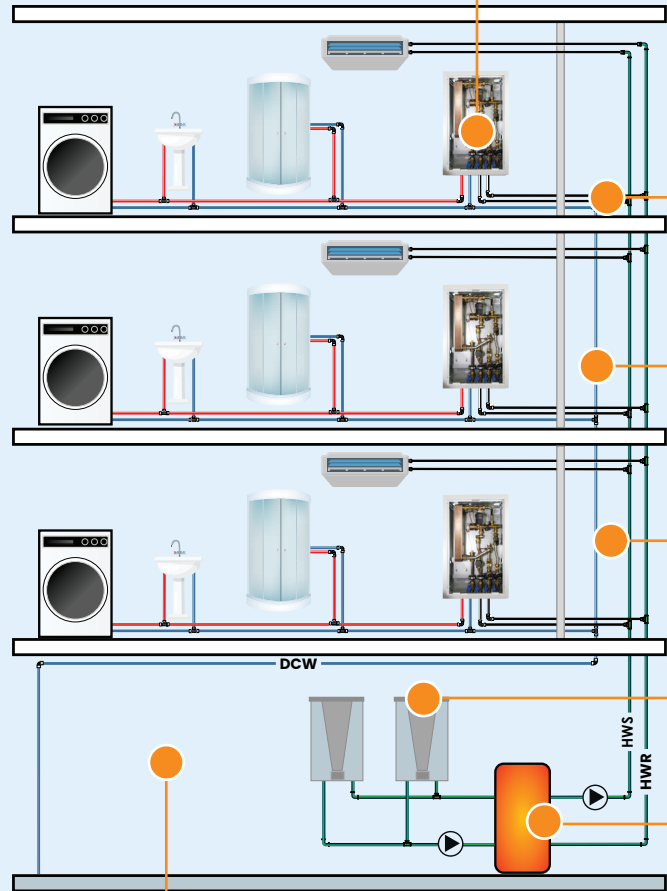
Four 3/4" FNPT Connections



# AquaPort System > Decentralized DHW



> Simplifies DHW disinfectant strategy



- > 10-year warranty on device (2 years on three moving parts)
- > Mounts flush in a 6" plumbing wall
- > Requires no utility connections

> Reduces boiler water return temperatures to improve system efficiencies

> Increases water turnover, improving water quality

> Reduces stored energy and eliminates standby losses

> Consider in-parallel heat sources to improve system efficiencies and maintenance procedures

> Buffer tank to stabilize cycling

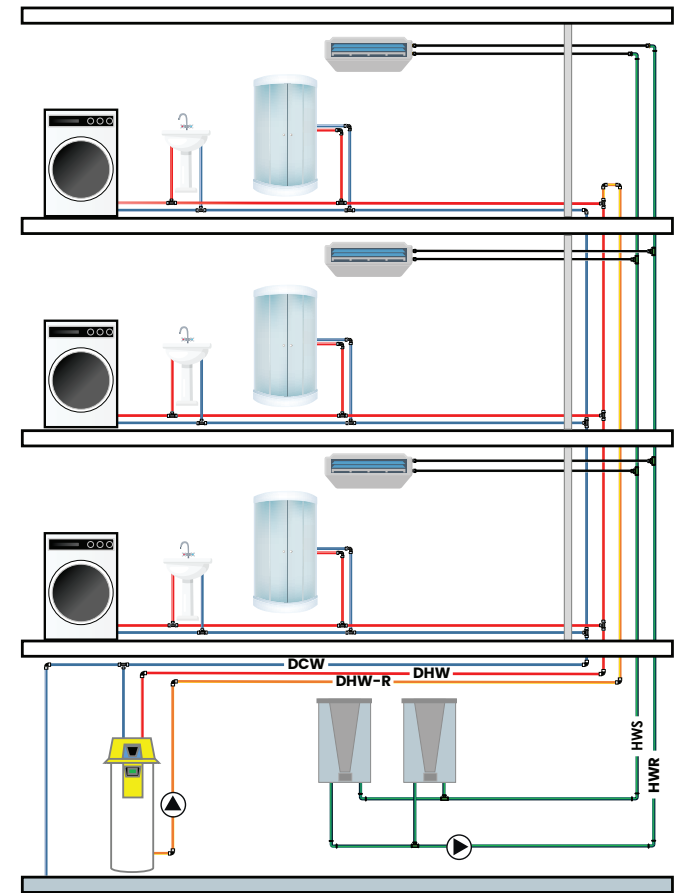
> Eliminates DHW heat source, supply piping, and recirc system



**SCAN HERE**  
to experience the virtual AquaPort

**VS**

# Traditional System > Centralized DHW



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