

NaviCirc™

Recirculation Valve

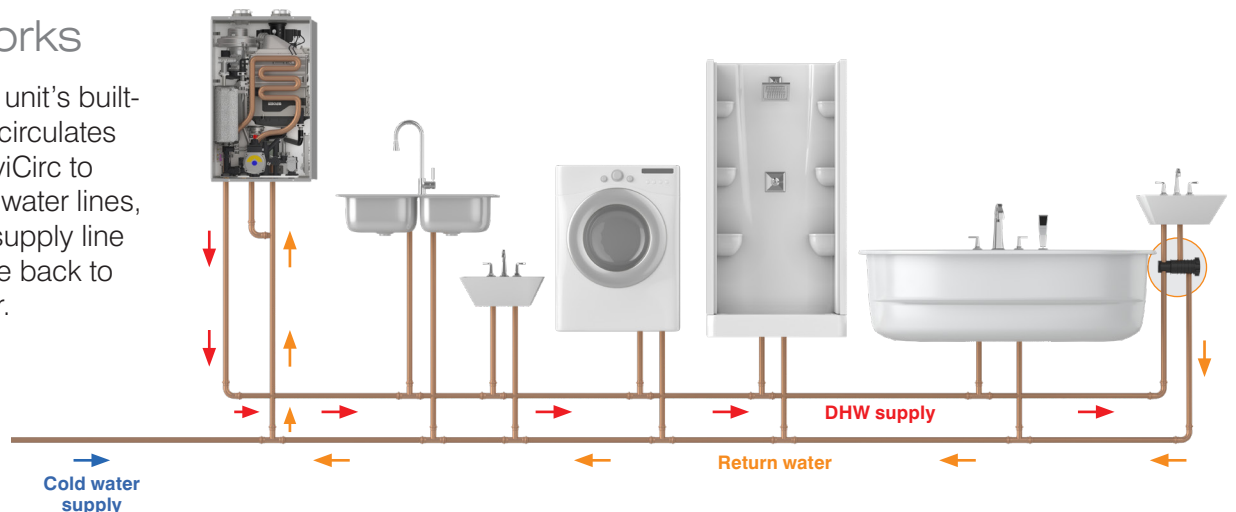
For Navien NPE-A series

Designed for recirculation of domestic hot water in applications where a dedicated return line is not available



How it Works

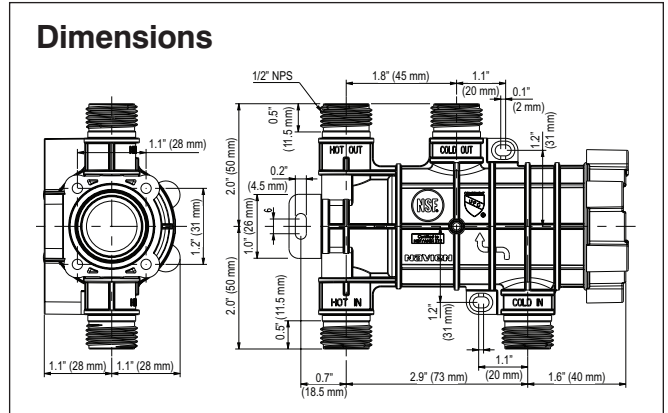
With the NPE-A unit's built-in pump, water circulates through the NaviCirc to preheat the hot water lines, using the cold supply line as the return line back to the water heater.



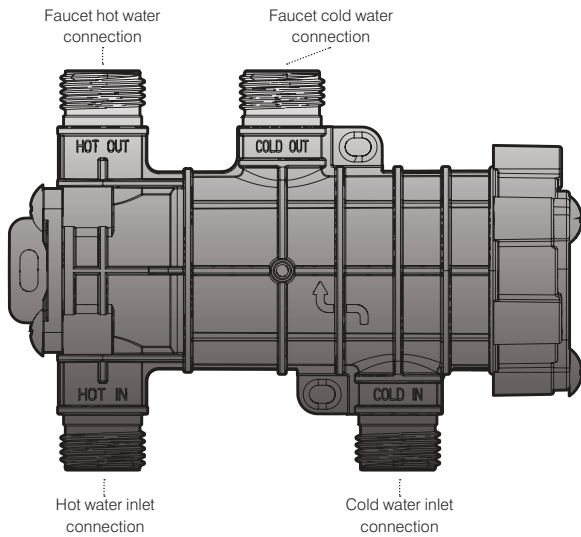
NaviCirc™ Recirculation Valve

NaviCirc is a simple plumbing device that uses the existing hot and cold water lines to reduce the wait time for hot water at the faucet without the need for a dedicated recirculation return line

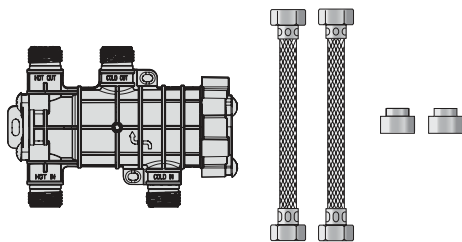
- Designed and optimized for use with Navien NPE-A Series water heater models
- Automatically blocks circulation when the hot water temperature within the valve is about 95°F (35°C)
- Compatible with the Navien HotButton Kit for demand-type recirculation systems



Component Layout



NaviCirc Kit



NaviCirc Valve Kit #30022965A
(includes two 1/2" x 3/8" flexible hoses and adapters)

Specifications

| Items | Specifications |
|-------------------------------|--|
| Valve Only Part Number | PFFW-SXX-001 |
| NaviCirc Kit Part Number | 30022965A |
| Water Flow Rate Range | 0.53 - 1.06 GPM (2.0 - 4.0 LPM) |
| Crossover Shutoff Temperature | 95°F (35°C) |
| Water Temperature Range | 41°F to 180°F (5°C to 82°C) |
| Ambient Temperature Range | 32 - 122°F (0 - 50°C) (Indoor use only) |
| Storage Temperature Range | 23 - 122°F (-10 - 50°C) |
| Maximum Water Pressure | 150 psi |
| Connection Size | 1/2" NPS |
| Installation Operation | Horizontal Only |
| Dimensions (in) | 5.62 x 3.93 x 2.19 |
| Weight (lb) | 1.1 lb (0.5 kg) |
| Warranty | 3 Years |

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