The Taco Hot-Link® System (HLS-1) for domestic hot water recirculation reduces the time it takes for hot water comfort to reach showers and faucets. The Hot-Link System can save an average family up to 12,000 gallons of water per year and it’s easy to retrofit to an existing plumbing system.
**Hot-Link® delivers instant hot water using existing plumbing system!**

**Features:**

- Exclusive clean in place undersink valve design
  - Extends valve life
  - Reduces customer calls to replace "plugged" valves
- Creates a domestic hot water recirculation system without dedicated return loop piping
- Easy to retrofit to existing plumbing system
- Conserves water by greatly reducing the time it takes to get hot water
- Analog pump timer allows you to set the system to work during peak hours or to work continuously
- Includes Hot-Link® System Cartridge Circulator, a Hot-Link bypass valve and flex hoses
- 3 Year Warranty

*LEFT: No under-sink electricity needed. The Hot-Link Pump is mounted at the water heater.*
How the Hot-Link System works.
A quiet and efficient Hot-Link circulator is installed at the water heater and a Hot-Link bypass valve is easily installed at the faucet furthest away from the hot water heater. The thermal disk technology tells the Hot-Link bypass valve what to do. No under sink electricity is needed.

Hot-Link System is easy to install.
The Hot-Link System circulator is installed at the water heater. Simply plug the 6’ power cord into any standard 120V electrical outlet; no electrician required. Everything needed to install and operate the Hot-Link System is included in the box. Simply set the Hot-Link circulator timer to work during peak hours or to work continuously.

Benefits of the Hot-Link System.
Saves energy, water and time while providing instant hot water comfort. What’s more, it’s made by Taco, known by plumbing professionals as a world leader in high quality hydronic components since 1920.

Save Energy, Water and Time!
Link up to instant hot water comfort!

Hot water without the waste!
The Taco Hot-Link® System for domestic hot water recirculation reduces the time it takes for hot water comfort to reach showers and faucets by recirculating “cooled” water back to the water heater; hot water lines remain hot. The Hot-Link® System can save an average family up to 12,000 gallons per year — water that normally goes down the drain while waiting for hot water.
HLS-1 Includes:

- Hot-Link Valve
- Hot-Link Circulator
- (2) Braided Flex Hoses
- 3/4" Bronze Union

Materials of Construction — Pump & Union

- Casting (Volute): Stainless Steel
- Stator Housing: Steel
- Cartridge: Stainless Steel
- Impeller: Noryl
- Shaft: Ceramic
- Bearings: Carbon
- O-Ring: EPDM
- Union: Bronze

Materials of Construction — Hot-Link Valve

- Body: Nylon
- Thermal Disk Actuator: Bi-Metal
- O-Ring Seals: EPDM
- Integral Flow Check (IFC): Body, Plunger: Acetal
- O-Rings: EPDM
- Screen: 304 SS
- Stem: Nylon
- Actuator Cartridge: Stainless Steel
- Braided Flex Hoses: Stainless Steel

Certifications & Listings

- UL Listed: For Indoor Use Only
- NSF Certified

Dimensions & Weights:

**Hot-Link Valve**

<table>
<thead>
<tr>
<th>Connection</th>
<th>A (in.)</th>
<th>A (mm)</th>
<th>B (in.)</th>
<th>B (mm)</th>
<th>C (in.)</th>
<th>C (mm)</th>
<th>D (in.)</th>
<th>D (mm)</th>
<th>Ship Wt. (Lbs.)</th>
<th>Ship Wt. (Kg)</th>
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</thead>
<tbody>
<tr>
<td>1/2&quot; MNPT</td>
<td>4</td>
<td>102</td>
<td>4-7/16</td>
<td>77</td>
<td>1-3/4</td>
<td>41</td>
<td>2-1/2</td>
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<td>0.17</td>
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**Hot-Link Circulator**

<table>
<thead>
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<th>A (in.)</th>
<th>B (in.)</th>
<th>C (in.)</th>
<th>D (in.)</th>
<th>E (in.)</th>
<th>F (in.)</th>
<th>Ship Wt. (Lbs.)</th>
<th>Ship Wt. (Kg)</th>
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<td>7-1/4</td>
<td>184</td>
<td>1-15/16</td>
<td>49</td>
<td>2</td>
<td>51</td>
<td>3-1/16</td>
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Electrical Data

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<tr>
<th>Model</th>
<th>Volts</th>
<th>Hz</th>
<th>Ph</th>
<th>Amps</th>
<th>RPM</th>
<th>HP</th>
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<tr>
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<td>60</td>
<td>1</td>
<td>0.52</td>
<td>3250</td>
<td>1/40</td>
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Motor Type: Permanent Split Capacitor Impedance Protected