Note: This drawing is intended as a basic guide. Local and State Codes dictate correct installation. Each individual application, gas pipe diameter, pump size, and expansion tank must be sized correctly.

### Basic Application Specifications

<table>
<thead>
<tr>
<th>QTY</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>T-K2 or T-KIS System for Hydronic Heating and Domesics</td>
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</tbody>
</table>

**System Requirements:**
- 110V Power Supply
- Priority Switch: connected to a space heating thermostat. Once city water is drawn, this device will temporarily shut down the space heater. When incoming city water demand has stopped, this priority switch will reconnect the thermostat to power the space or radiant heater.

**Expansion Tank:**
- TK-RE01 Optional
- TK-TV03
- T-K2 or T-KIS

**Other Components:**
- Water Shut-off Ball Valves
- Min. Ø 3/4" Gas Shut-off Ball Valve
- Pressure-Only Relief Valve
- Unions
- Gas Inlet
- Hot Water Outlet
- Cold Water Inlet
- Mixing Valve
- Recirculation Pump
- Min. 1/12 HP
- Check Valves
- 6" Recirculated Water
- To House
- Expansion Tank

**Hydronic Panel:**
- Takagi
- Hydronic Panel
- Priority Switch Required
- TK-RE01 Optional
- TK-TV03
- T-K2 as T-KIS