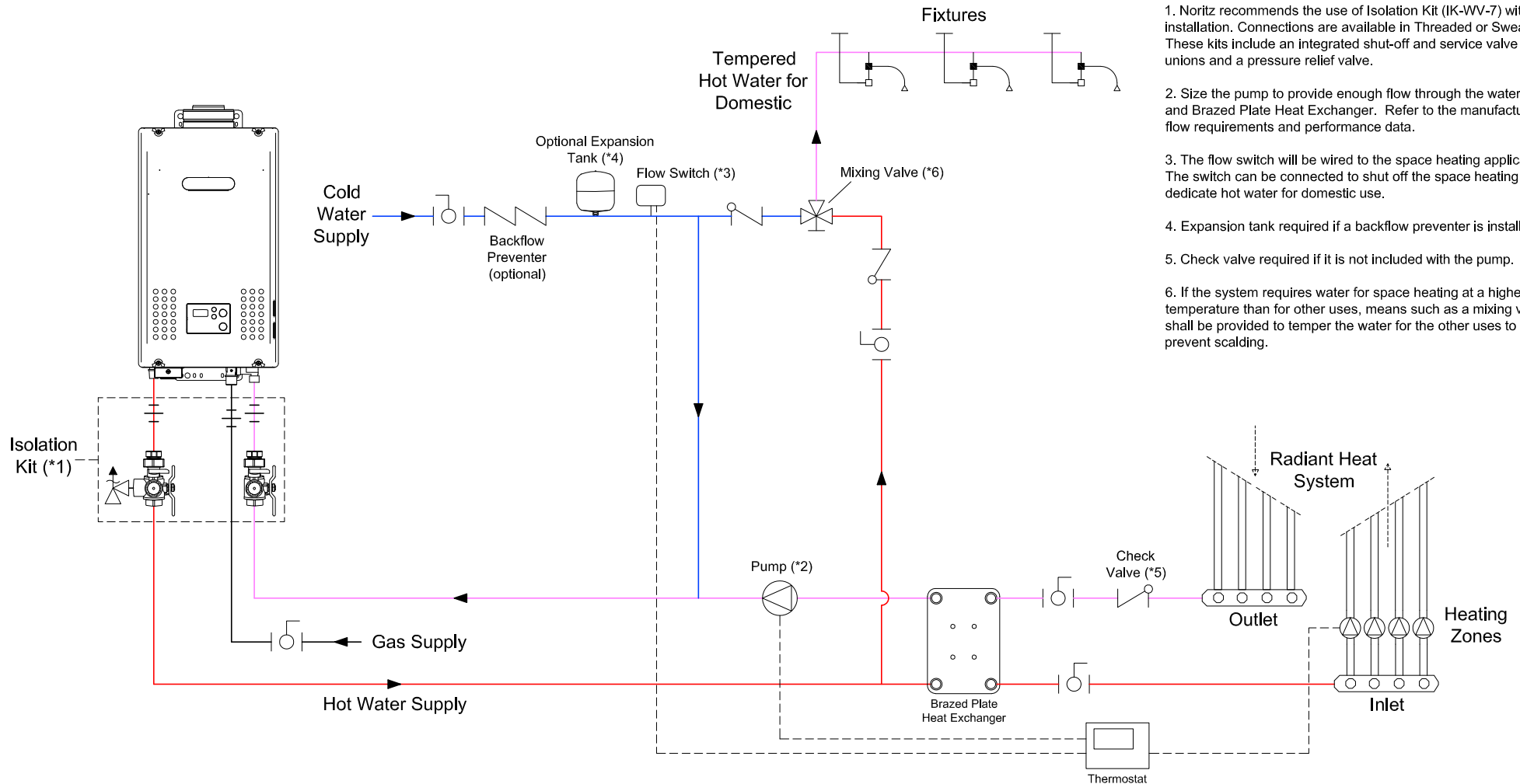


**REVISIONS**

REV.	DESCRIPTION	DATE	APPRVD.

**Notes:**

- Noritz recommends the use of Isolation Kit (IK-WV-7) with installation. Connections are available in Threaded or Sweat. These kits include an integrated shut-off and service valve with unions and a pressure relief valve.
- Size the pump to provide enough flow through the water heater and Brazed Plate Heat Exchanger. Refer to the manufacturer for flow requirements and performance data.
- The flow switch will be wired to the space heating application. The switch can be connected to shut off the space heating and dedicate hot water for domestic use.
- Expansion tank required if a backflow preventer is installed.
- Check valve required if it is not included with the pump.
- If the system requires water for space heating at a higher temperature than for other uses, means such as a mixing valve shall be provided to temper the water for the other uses to help prevent scalding.



**NORITZ**  
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 www.noritz.com

**MODEL:**  
 NR83 Series

**APPLICATION:**  
 Domestic Hot Water  
 Priority Switch  
 Radiant Heating

**DRAWING NUMBER:**  
 (7g)NR83

**DRAWING DATE:**  
 August 27, 2010

**Noritz Accessories**

*Note: This diagram is for reference only. Installation must comply with State and Local Code, all gas and water pipe must be sized correctly to specific length, according to accepted engineering methods or the UPC Code for Noritz Water Heaters to operate correctly.*

- |  |  |  |  |
|--|--|--|--|
|  | Shut-off Ball Valve  |  | Aquastat (Honeywell Model #L6006A or L6006C) |
|  | Check Valve  |  | Pump   |
|  | Union  |  | Mixing Valve                                 |
|  | Pressure Relief Valve (Watts 3L, Zurn P1000A, Cash Acme FWL-2) |  | Thermal Expansion Tank                       |