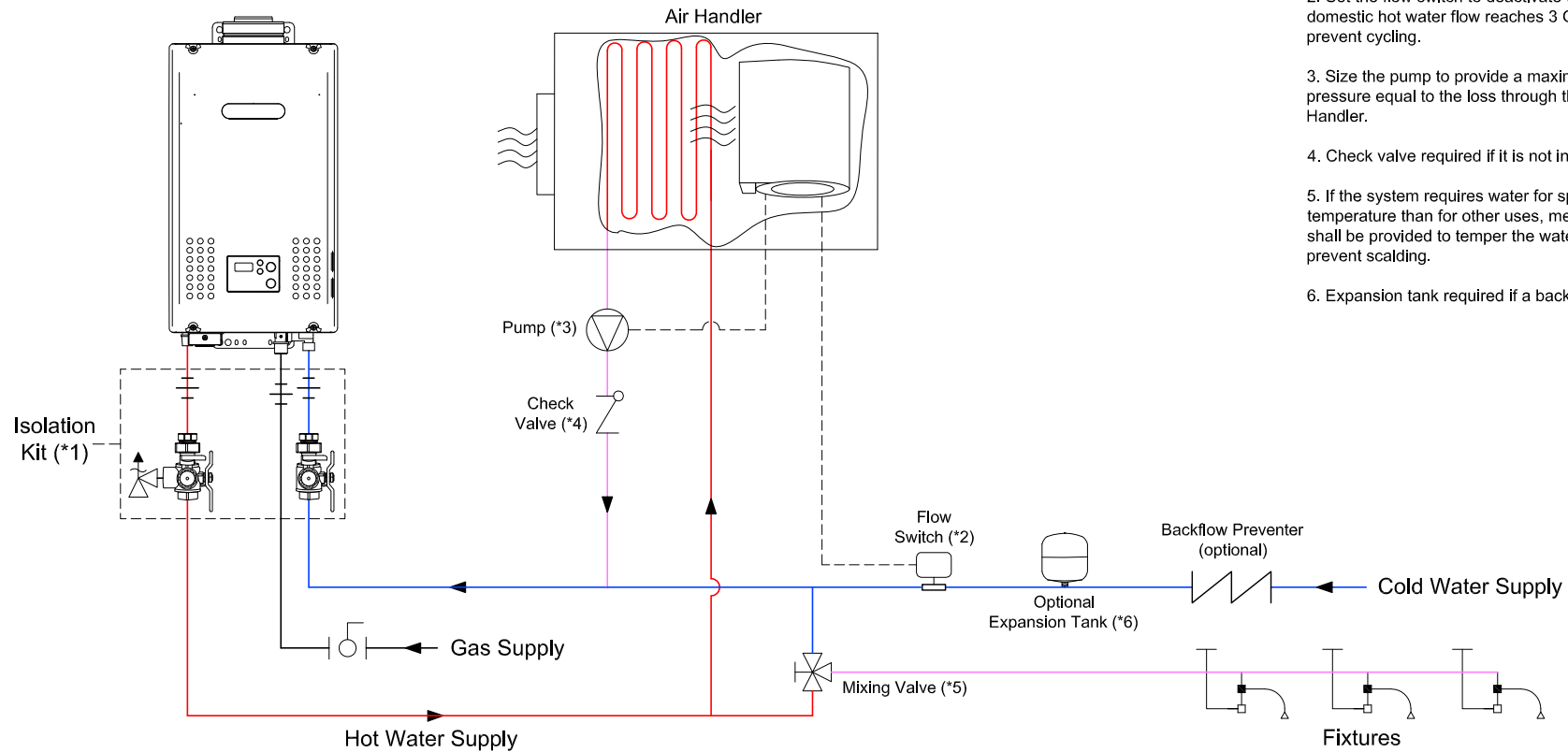


REVISIONS

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.
- Set the flow switch to deactivate the Air Handler when the domestic hot water flow reaches 3 GPM. Adjust as necessary to prevent cycling.
- Size the pump to provide a maximum of 3 GPM with a head pressure equal to the loss through the water heater and Air Handler.
- 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.
- Expansion tank required if a backflow preventer is installed.



**NORITZ**  
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 www.noritz.com

**MODEL:**  
 NR83 Series

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

**DRAWING NUMBER:**  
 (6a1)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                       |