REVISIONS			
REV.	DESCRIPTION	DATE	APPRVD.

Notes:

1. 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.

2. Set the aquastat to 10°F below the set output temperature.

3. Size the pump to provide at least 2 GPM through the system at 10 ft of head plus piping losses. Adjust the flow using a globe valve and verify the flow rate using the maintenance monitors.

4. 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.

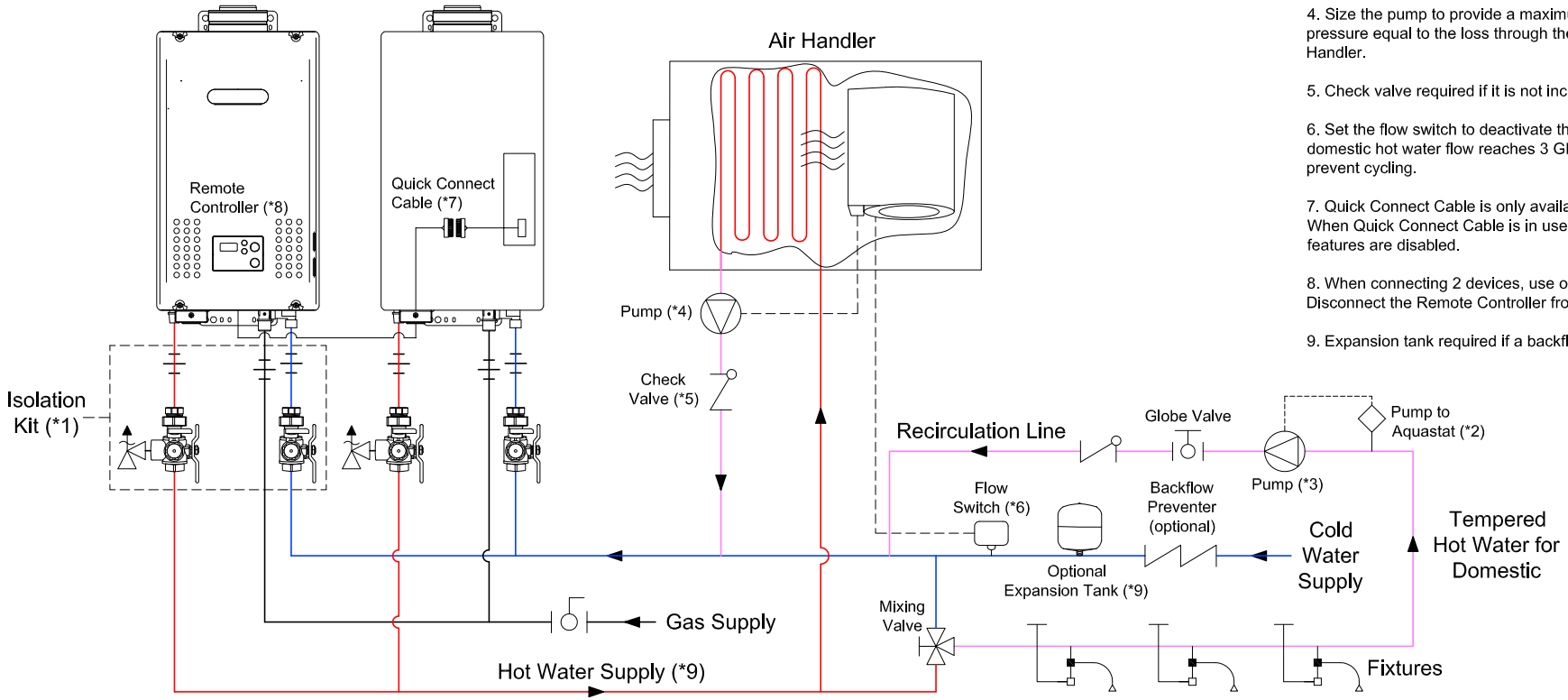
5. Check valve required if it is not included with the pump.

6. Set the flow switch to deactivate the Air Handler when the domestic hot water flow reaches 3 GPM. Adjust as necessary to prevent cycling.

7. Quick Connect Cable is only available for 2 unit Multi-System. When Quick Connect Cable is in use, pump control and tub alarm features are disabled.

8. When connecting 2 devices, use only a single remote controller. Disconnect the Remote Controller from the secondary unit.

9. Expansion tank required if a backflow preventer is installed.



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MODEL:
NR83 Series

APPLICATION:
Hydronic Heating
Quick Connect
Domestic Hot Water
Recirculation

DRAWING NUMBER:
(6b2)NR83

DRAWING DATE:
August 27, 2010

Noritz Accessories

QC-2 (Quick Connect Cable, for 2 unit Multi-System)

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