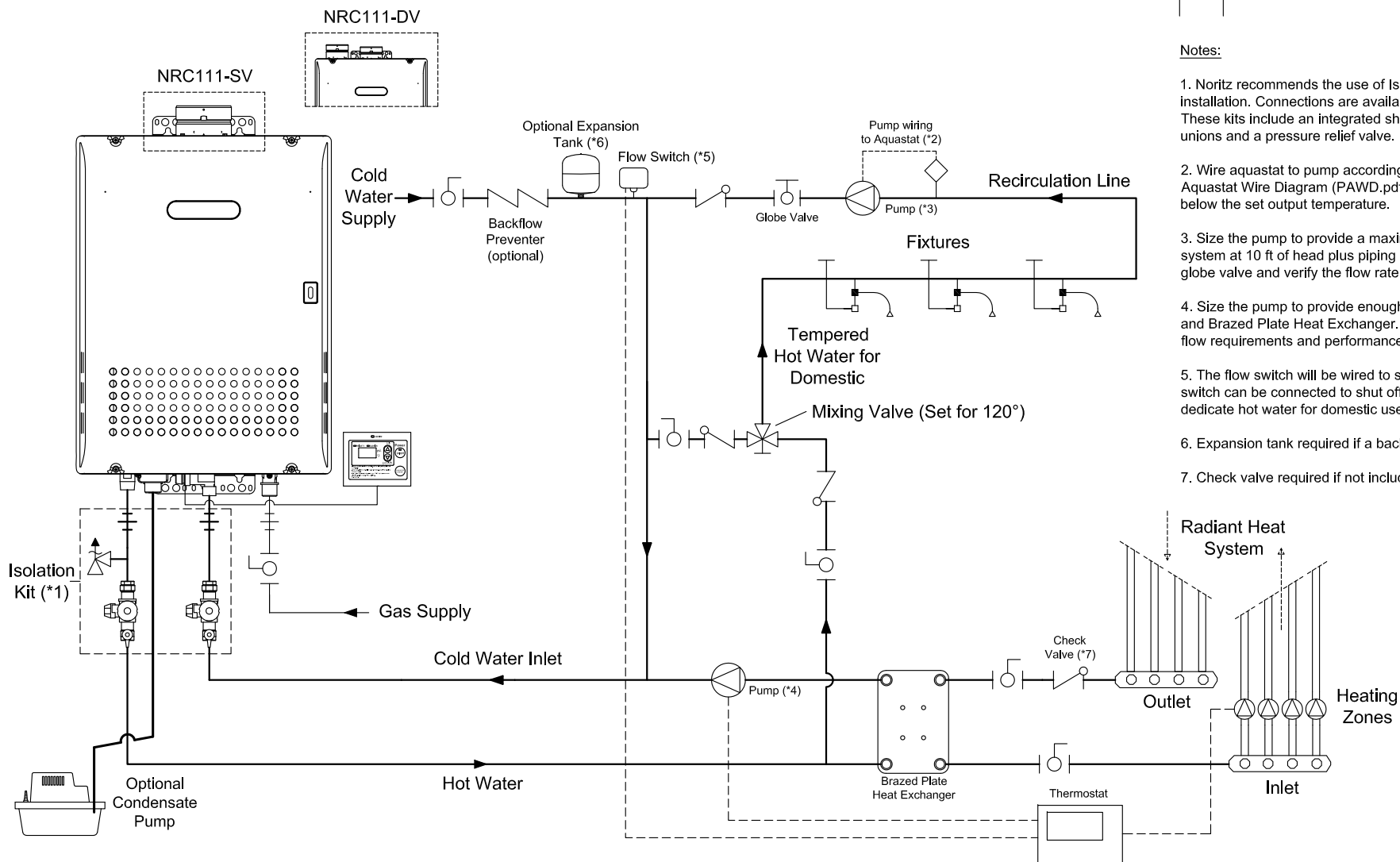


REVISIONS

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.
- Wire aquastat to pump according to "Circulation Pump to Aquastat Wire Diagram (PAWD.pdf)." Set the aquastat to 10°F below the set output temperature.
- Size the pump to provide a maximum of 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 with the maintenance monitors.
- 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 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 not included with the pump.



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 www.noritz.com

MODEL:

NRC111 Series

APPLICATION:

Radiant Heating
 Domestic Hot Water
 Recirculation Loop

DRAWING NUMBER:

(7b1)NRC111

DRAWING DATE:

November 17, 2009

Noritz Accessories

- RC-7649M (Remote Controller)
- RC-CORD10 (10' Remote Controller Cord, optional in 26')
- VC-4C (Outdoor Vent Cap for -SV model only)

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 174A, Zurn P3000BR, Cash Acme F-82)
- Aquastat (Honeywell Model #L6006A or L6006C)
- Pump
- Mixing Valve
- Thermal Expansion Tank