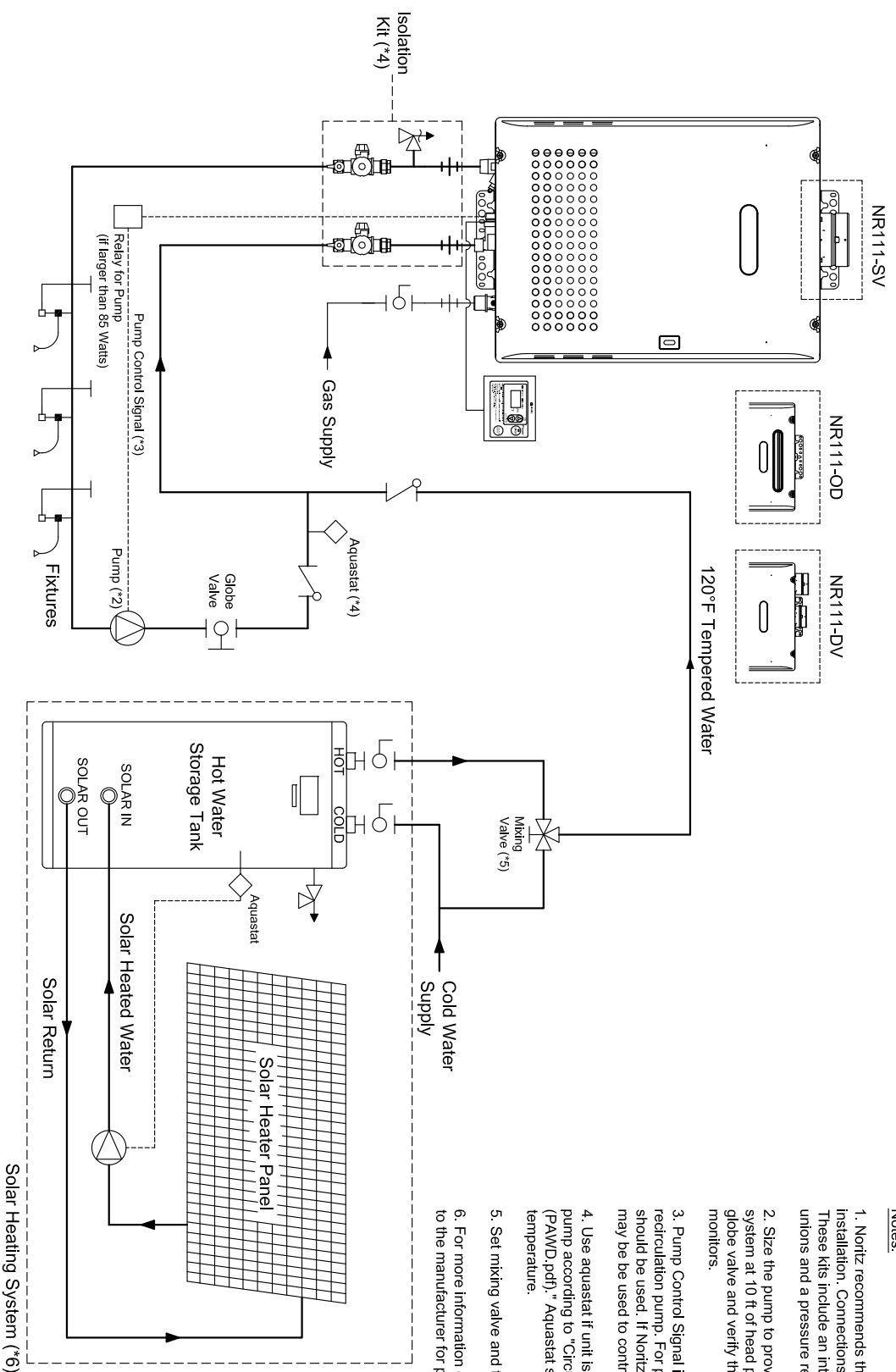


REVISIONS

REV.	DESCRIPTION	DATE	APPRD.

Notes:

1. Noritz recommends the use of Isolation Kit (IK-WV-8) 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. Size the pump to provide a maximum of 2.0 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.
3. Pump Control Signal is Noritz's preferred method to control the recirculation pump. For pumps larger than 85W, relay connection should be used. If Noritz pump control is not used, an aquastat may be used to control pump.
4. Use aquastat if unit isn't controlling pump. Wire aquastat to pump according to "Circulation Pump to Aquastat Wire Diagram (PAWD.pdf)." Aquastat should be set to 10°F below the output set temperature.
5. Set mixing valve and tankless water heater to 120°F.
6. For more information on installing a solar heating system, refer to the manufacturer for piping schemes and performance data.



Noritz Accessories

MODEL:
NR111 Series

APPLICATION:
Domestic Hot Water
Solar Pre-Heat
Recirculation

DRAWING NUMBER:
(4b)NR111

DRAWING DATE:
November 17, 2009

RC-7649M (Remote Controller)

RC-CORD10 (10' Remote Controller Cord, optional in 26')

VC-4-1 (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.



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