

REVISIONS

REV.	DESCRIPTION	DATE	APPRVD.

Notes:

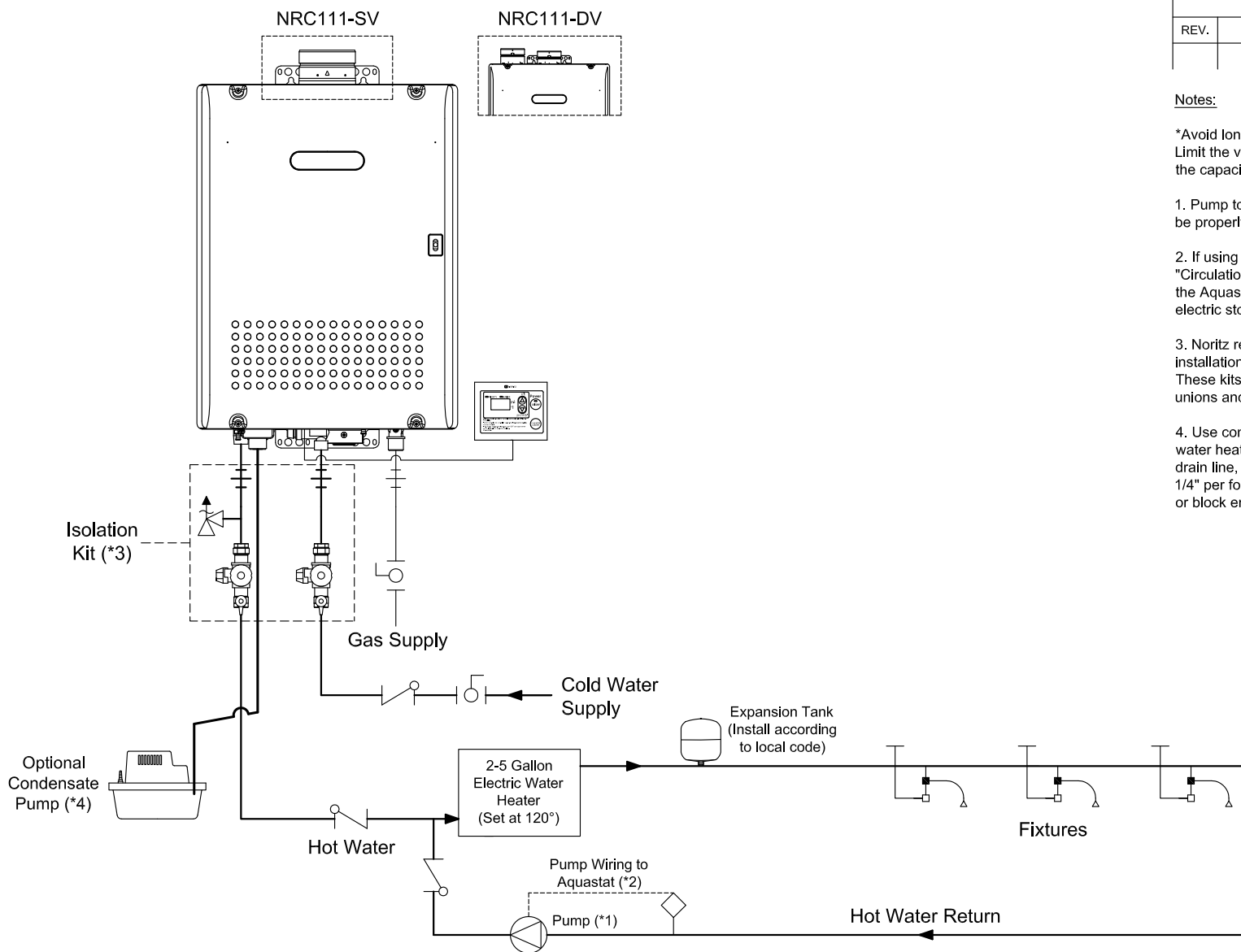
*Avoid long pipe run from Noritz heater to electric water heater. Limit the volume of the recirculation loop piping from exceeding the capacity of the electric storage tank.

1. Pump to be controlled by aquastat and/or timer. Pump should be properly sized for piping and head losses through the system.

2. If using aquastat, 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 of the electric storage tank.

3. 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.

4. Use condensate pump when drain is located far away from water heater and size for desired lift distance. For the condensate drain line, use 1/2" PVC pipe. Slope horizontal pipe downwards 1/4" per foot towards drain or condensate pump. Do not submerge or block end of drain pipe.



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MODEL: NRC111 Series
APPLICATION: Domestic Hot Water Recirculation Electric Storage Tank
DRAWING NUMBER: (2b)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		Aquastat (Honeywell Model #L6006A or L6006C)
	Check Valve		Pump
	Union		Mixing Valve
	Pressure Relief Valve (Watts 174A, Zurn P3000BR, Cash Acme F-82)		Thermal Expansion Tank