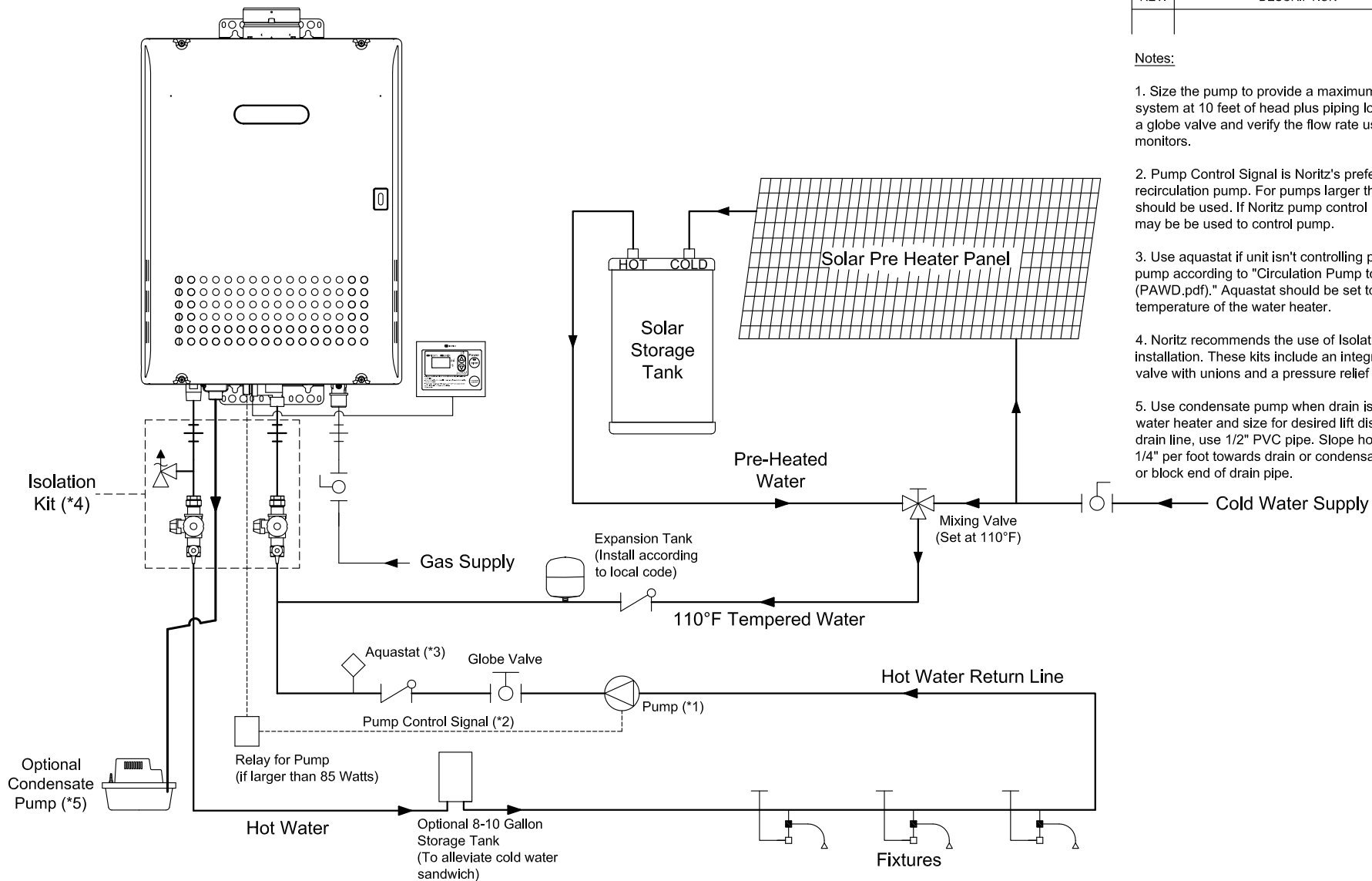


REVISIONS

REV.	DESCRIPTION	DATE	APPRVD.

Notes:

1. Size the pump to provide a maximum of 2 GPM through the system at 10 feet of head plus piping losses. Adjust the flow using a globe valve and verify the flow rate using the maintenance monitors.
2. 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.
3. 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 set temperature of the water heater.
4. Noritz recommends the use of Isolation Kit (IK-WV-4) with installation. These kits include an integrated shut-off and service valve with unions and a pressure relief valve.
5. 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:

N-0841MC

APPLICATION:

Domestic Hot Water
Solar Pre-Heat
Recirculation

DRAWING NUMBER:

(4b)N841MC

DRAWING DATE:

September 22, 2008

Noritz Accessories



RC-7649M (Remote Controller)



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



VC-4C (Outdoor Vent Cap, place on top of unit)

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