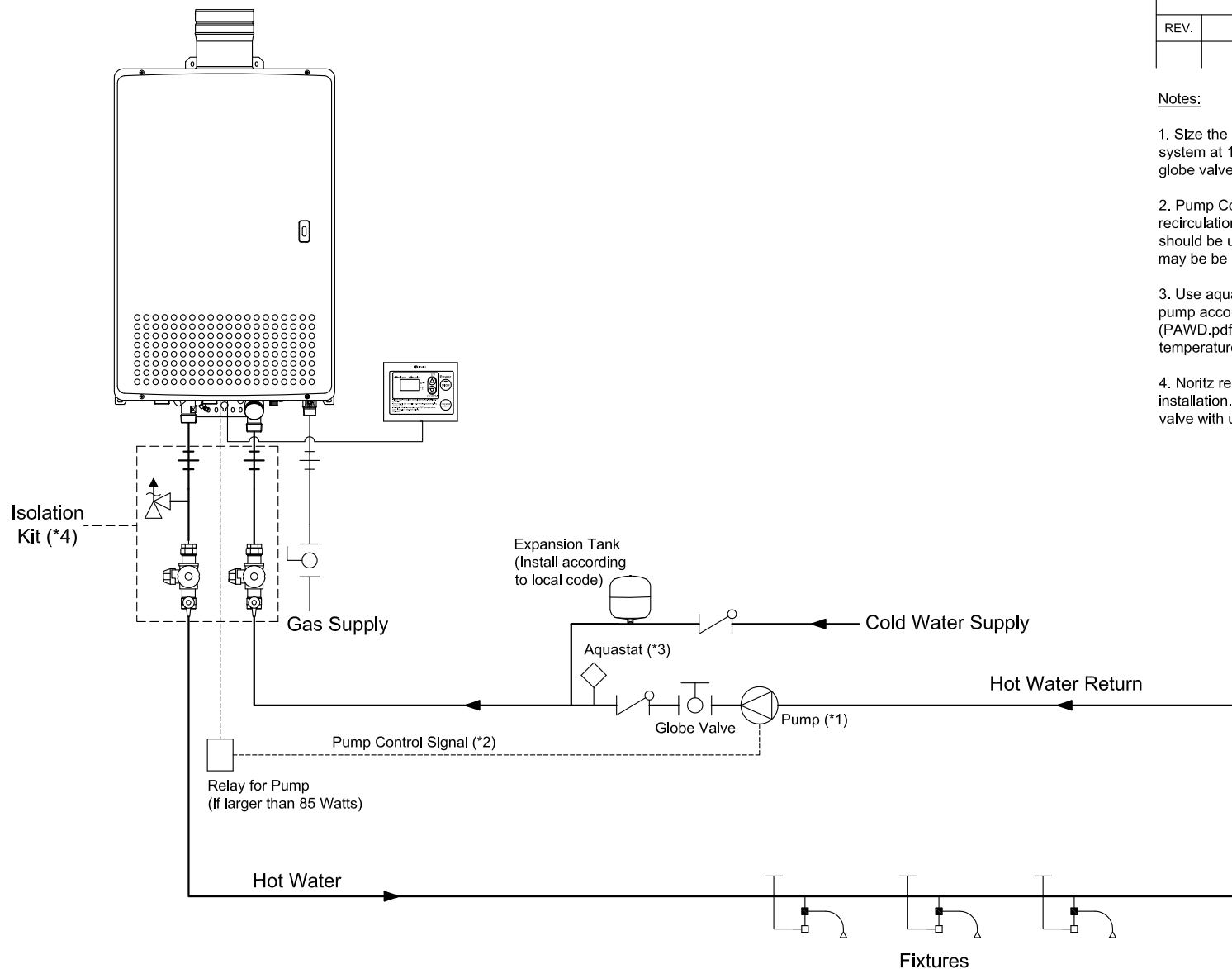


REVISIONS

REV.	DESCRIPTION	DATE	APPRVD.

Notes:

1. 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.
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)." Set the aquastat to 10°F below the set output temperature.
4. Noritz recommends the use of Isolation Kit (IK-WV-6) with installation. These kits include an integrated shut-off and service valve with unions and a pressure relief valve.



11160 Grace Avenue
Fountain Valley, California 92708
866-7NORITZ (866-766-7489)
www.noritz.com

MODEL:

N-1321M-ASME

APPLICATION:

Domestic Hot Water
Recirculation

DRAWING NUMBER:

(2a1)N1321M

DRAWING DATE:

September 22, 2008

Noritz Accessories



RC-7649M (Remote Controller)




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





VC-132 (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

 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