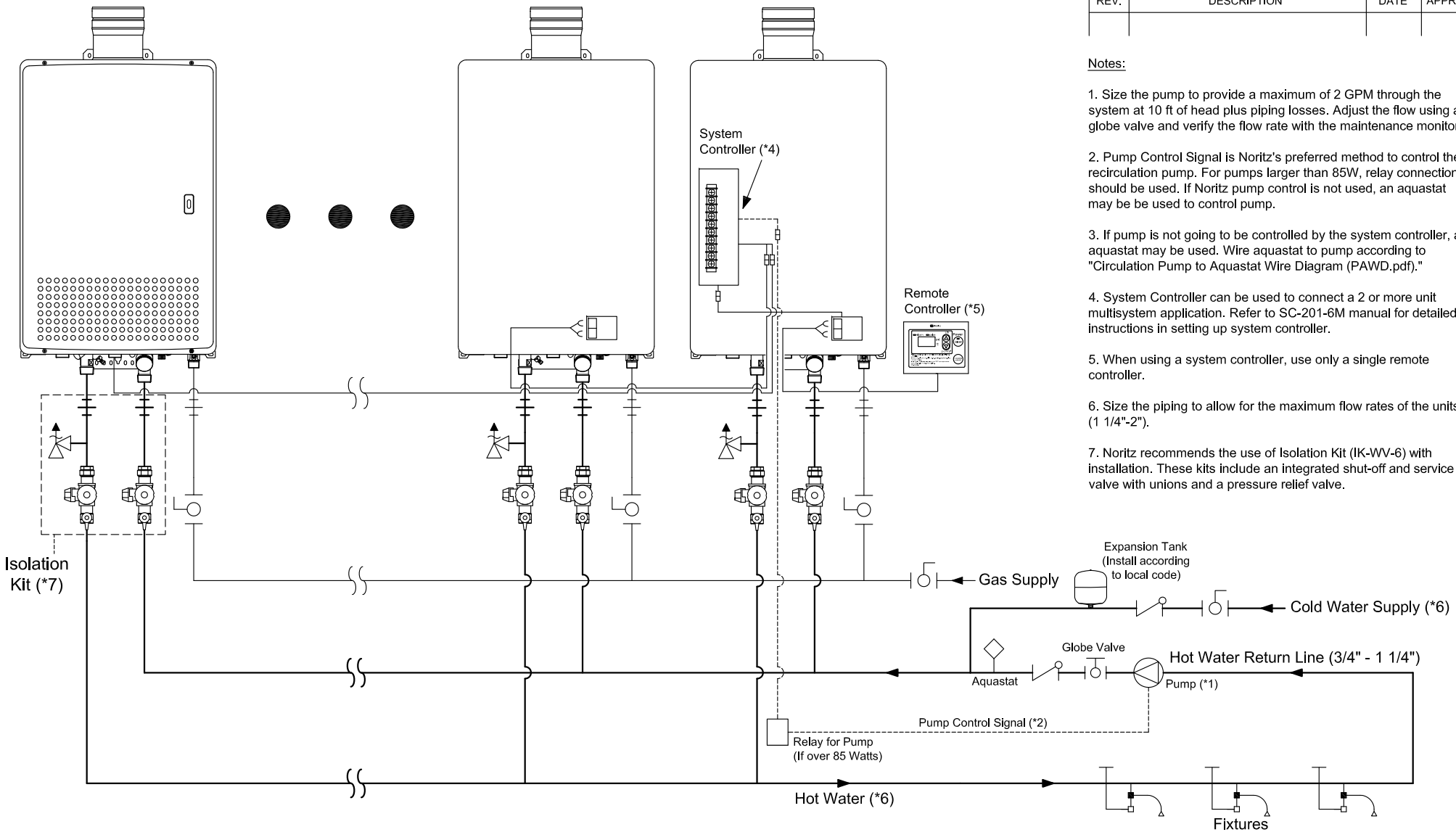


| REVISIONS |             |      |         |
|-----------|-------------|------|---------|
| REV.      | DESCRIPTION | DATE | APPRVD. |
|           |             |      |         |



- 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. If pump is not going to be controlled by the system controller, an aquastat may be used. Wire aquastat to pump according to "Circulation Pump to Aquastat Wire Diagram (PAWD.pdf)."
  4. System Controller can be used to connect a 2 or more unit multisystem application. Refer to SC-201-6M manual for detailed instructions in setting up system controller.
  5. When using a system controller, use only a single remote controller.
  6. Size the piping to allow for the maximum flow rates of the units (1 1/4"-2").
  7. 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.

**NORITZ**  
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**MODEL:**  
 N-1321M-ASME

**APPLICATION:**  
 Domestic Hot Water  
 2-6 Unit Multi-System  
 Recirculation

**DRAWING NUMBER:**  
 (2a2-6)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)
  - SC-201-6M (System Controller, for 2 or more unit Multi-System)

*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