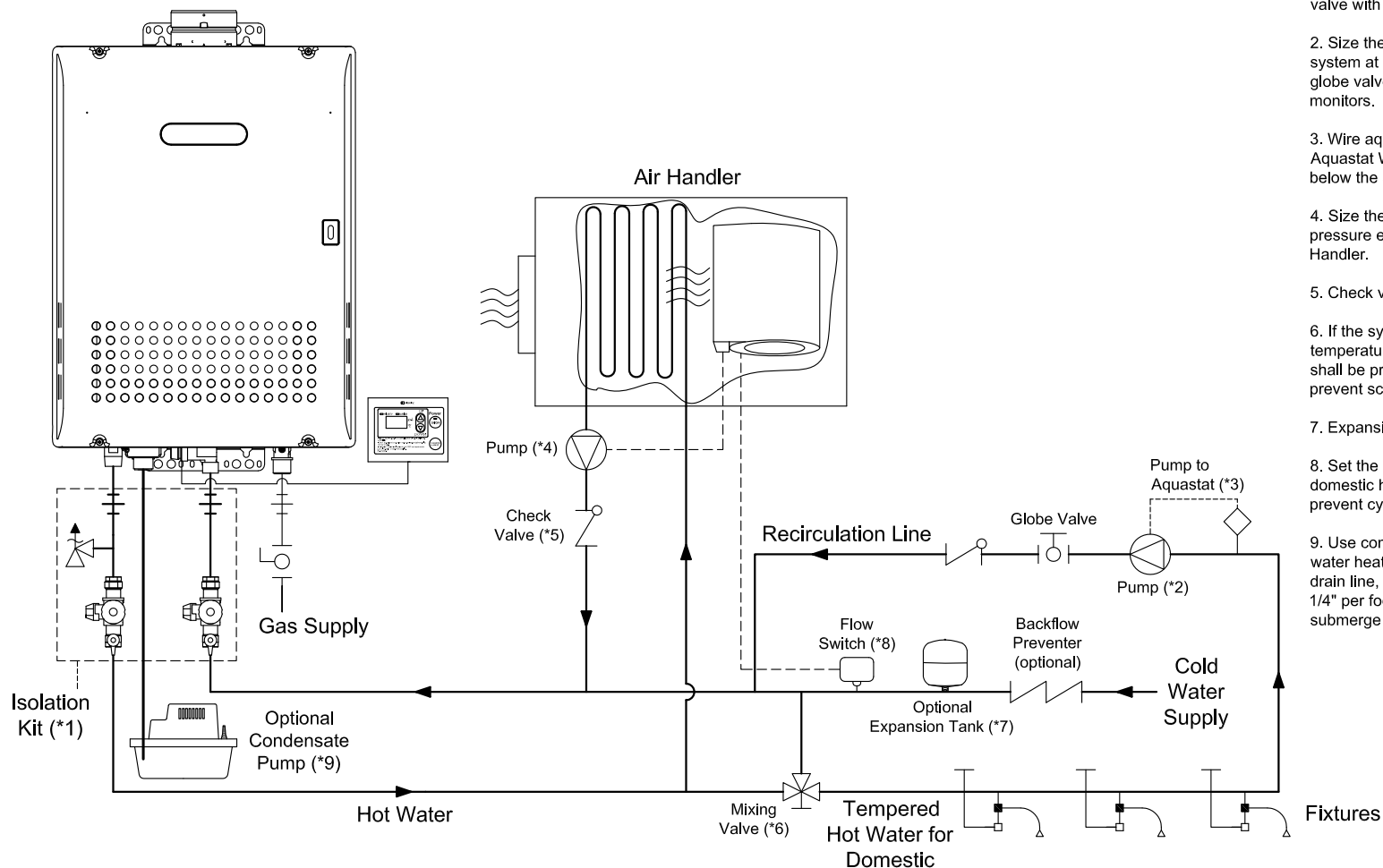


REVISIONS

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

Notes:

- 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.
- 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.
- 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.
- Size the pump to provide a maximum of 3 GPM with a head pressure equal to the loss through the water heater and Air Handler.
- Check valve required if not included with the pump.
- If the system requires water for space heating at a higher temperature than for other uses, means such as a mixing valve shall be provided to temper the water for the other uses to help prevent scalding.
- Expansion tank required if a backflow preventer is installed.
- Set the flow switch to deactivate the Air Handler when the domestic hot water flow reaches 3 GPM. Adjust as necessary to prevent cycling.
- 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:

Hydronic Heating
Domestic Hot Water
Recirculation Loop
Primary Loop

DRAWING NUMBER:

(6b1)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



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