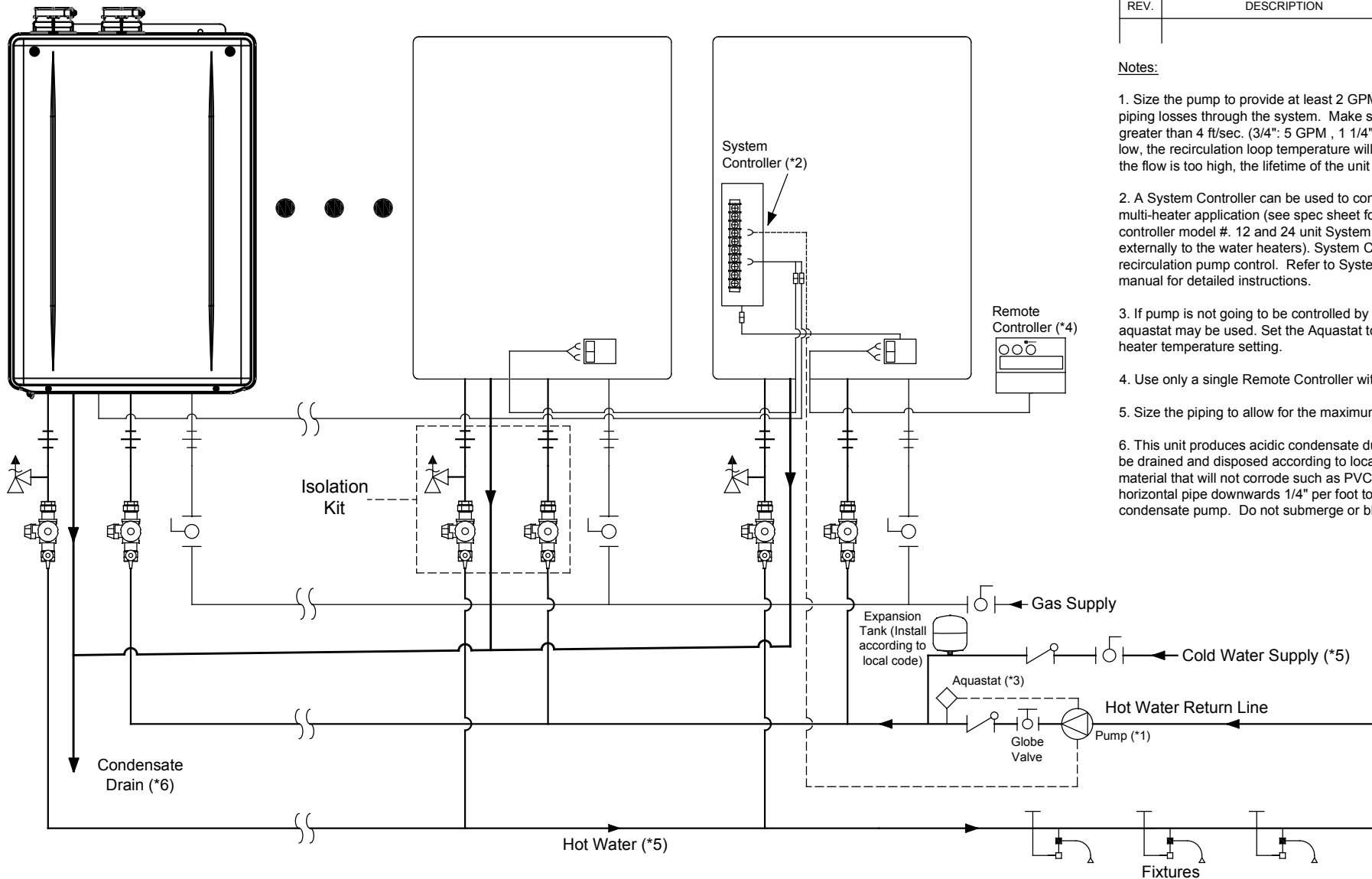


REVISIONS

REV.	DESCRIPTION	DATE	APPRVD.

Notes:

1. Size the pump to provide at least 2 GPM @ 10 feet of head + piping losses through the system. Make sure the flow rate is not greater than 4 ft/sec. (3/4": 5 GPM , 1 1/4": 13 GPM). If flow is too low, the recirculation loop temperature will not be warm enough. If the flow is too high, the lifetime of the unit will be reduced.
2. A System Controller can be used to connect up to 6, 12, or 24 multi-heater application (see spec sheet for applicable system controller model #. 12 and 24 unit System Controllers are mounted externally to the water heaters). System Controllers feature recirculation pump control. Refer to System Controller installation manual for detailed instructions.
3. If pump is not going to be controlled by the system controller, an aquastat may be used. Set the Aquastat to 10°F below the water heater temperature setting.
4. Use only a single Remote Controller with a System Controller.
5. Size the piping to allow for the maximum flow rates of the units.
6. This unit produces acidic condensate during operation and must be drained and disposed according to local code. Use pipe material that will not corrode such as PVC or CPVC. Slope horizontal pipe downwards 1/4" per foot towards drain or condensate pump. Do not submerge or block end of drain pipe.



NORITZ
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 www.noritz.com

MODEL:
 Commercial Condensing

APPLICATION:
 Domestic Hot Water
 Multi-System
 Recirculation

DRAWING NUMBER:
 NCC-MULTI-REC

DRAWING DATE:
 November 2018

Noritz Accessories

Isolation Kit w/ Pressure Relief
 3/4" (# IK-WV-200-1-[TH or SW])
 1" (IK-WV-300-1-[TH or SW])

Commercial Neutralizer
 (# NT-20A)

System Controller for
 Multi-Heater (see water heater
 spec sheet for part #)

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