Notes:

1. To achieve the highest recovery, size the storage tank circulation pump for maximum capacity (12 gpm @ 20 ft head). See "Plumbing Applications" in the water heater installation manual.

2. Storage tank aquastat should be set 10°F below the output set temperature of Noritz heater.

3. A System Controller can be used to connect up to 6,12, or 24 multi-heaters. (12 and 24 unit System Controllers are mounted externally to the water heaters.) Configure System Controller for "Storage Tank" mode, see system controller installation manual. Each rack includes a preinstalled System Controller (#SC-401-6M, for up to 6 heaters).

4. Each rack includes a remote controller.

5. Size the piping to allow for the maximum flow rates of the units.

6. These units produce acidic condensate during operation and must be drained and disposed according to local code. Use 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.

Remote Controller (*4)

System Controller (*3)

End Cap (field installed)

Gas Supply

Condensate Drain (*4)

Cold Water Supply

Fixtures

Aquastat (*3)

Globe Valve

Expansion Tank (Install according to local code)

HOT

Hot Water Storage Tank

Thermostat (*2)

Return Cold Water to Unit

Pump (*1)

Supply Hot Water to Storage Tank (*5)

MODEL: CR60-WH-2-NG CR60-WH-2-LP			

APPLICATION:
Domestic Hot Water Recirculation Multi-System Storage Tank

DRAWING NUMBER:
CR-2-ST-REC

DRAWING DATE:
April 2020

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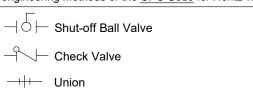
Noritz Accessories

Outdoor Vent Cap (# VC-6)

Commercial WiFi Adapter (# NWCC-ADAPTER)

Commercial Neutralizer (# NT-20A)

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