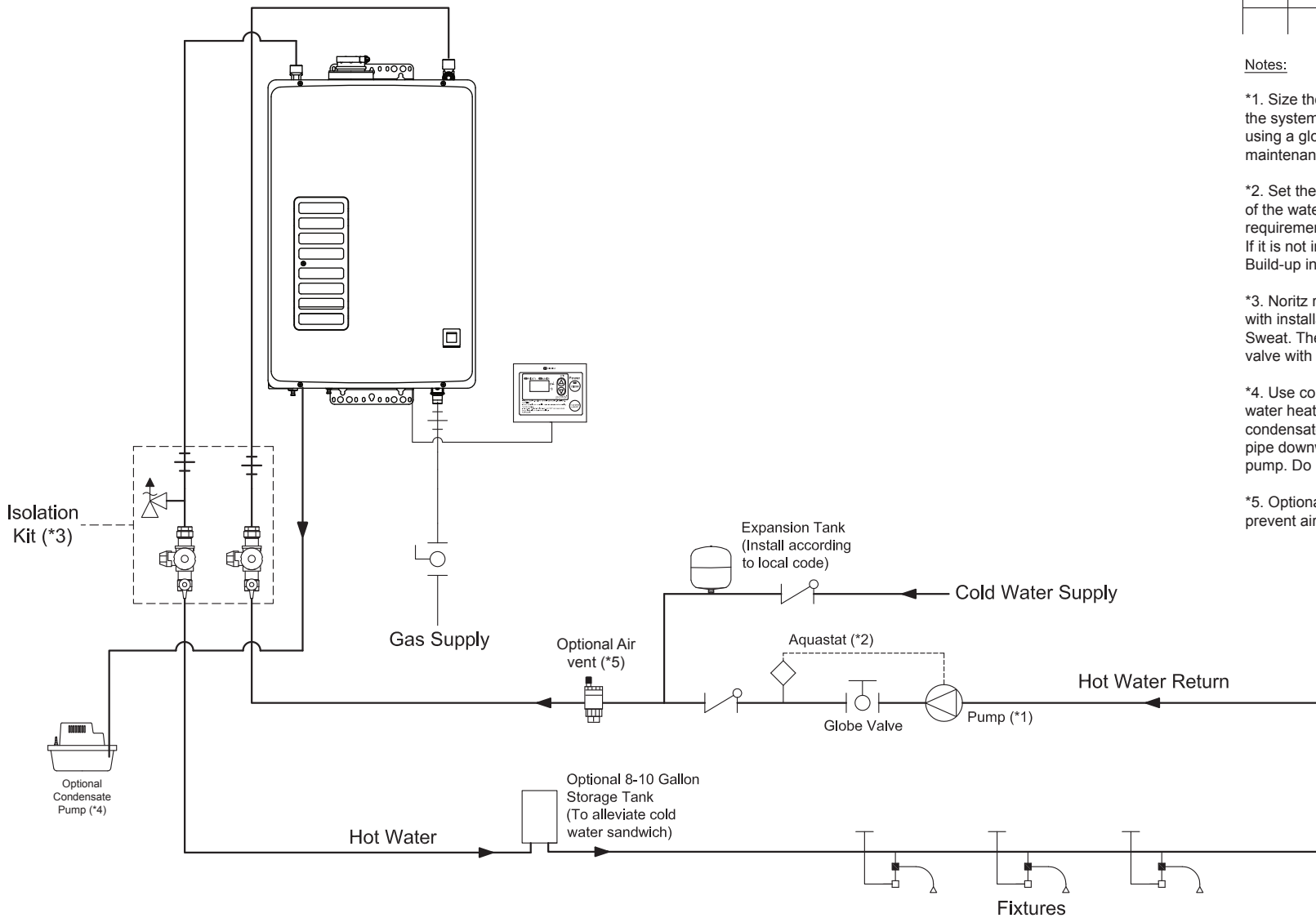


NRC663-FSV



REVISIONS

REV.	DESCRIPTION	DATE	APPRVD.

Notes:

*1. Size the pump to provide a maximum of 1.5 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. Set the aquastat to 10°F below the set output temperature of the water heater. An aquastat is the minimum pump control requirement in order to maintain the full recirculation warranty. If it is not installed, the water heater can not detect the Scale Build-up in the Heat Exchanger

*3. Noritz recommends the use of Isolation Kit (IK-WV-200) with installation. Connections are available in Threaded or Sweat. These kits include an integrated shut-off and service valve with unions and a pressure relief valve.

*4. 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.

*5. Optional Air vent. Install at highest point in system to prevent air locking.



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

MODEL:

NRC663-Series

APPLICATION:

Domestic Hot Water
Recirculation

DRAWING NUMBER:

NRC711-DHW-RECIRCULATION

DRAWING DATE:

7/23/2014

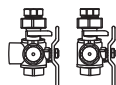
Noritz Accessories



RC-7651M (Remote Controller)



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



IK-WV-200 (Isolation Kit)

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 3L,
Zurn P1000A, Cash Acme FWL-2)

Aquastat (Honeywell Model
#L6006A or L6006C)

Pump

Mixing Valve

Thermal Expansion Tank