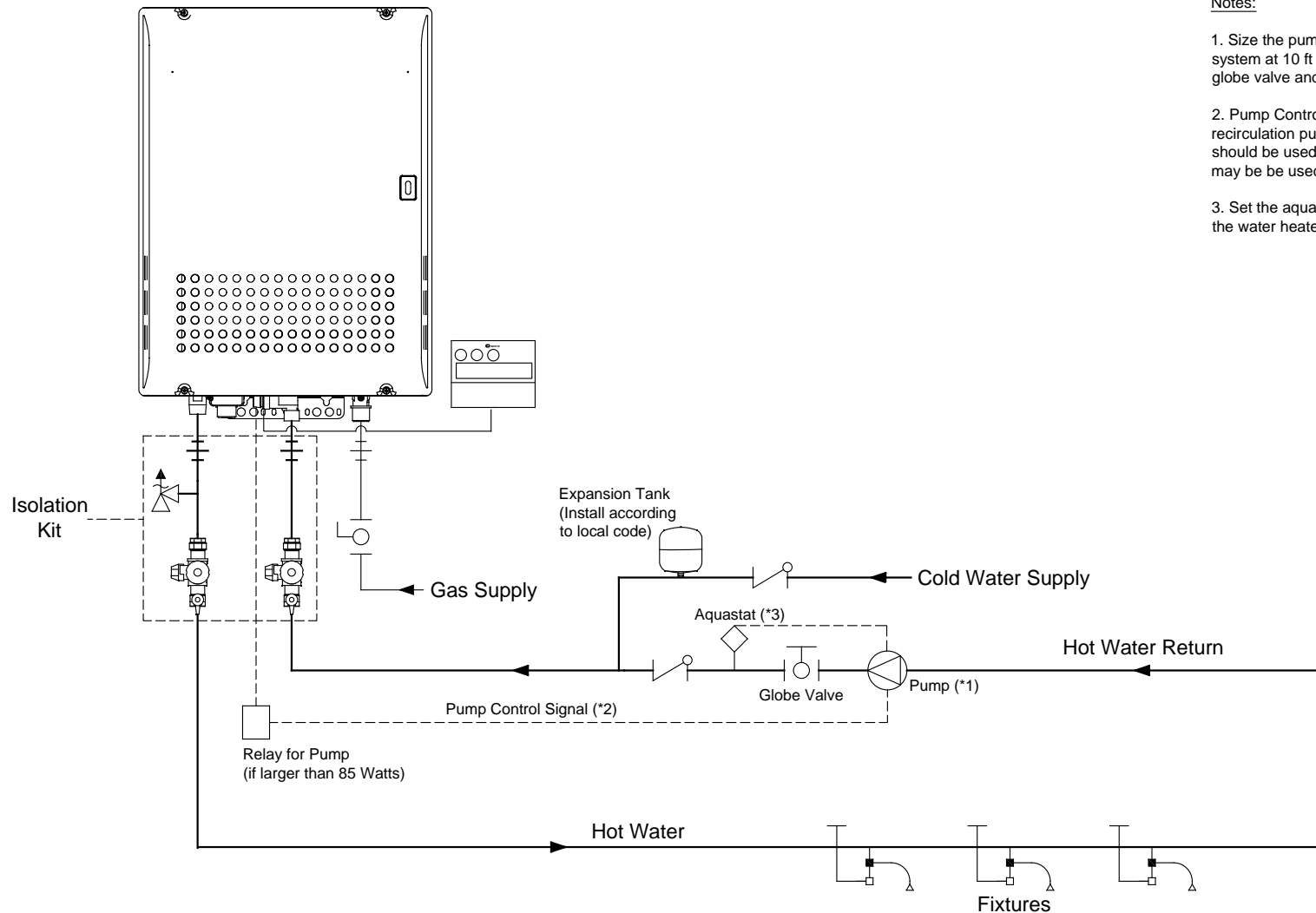


REVISIONS

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. Set the aquastat to 10°F below the set output temperature of the water heater.



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MODEL:	Commercial Non Condensing
APPLICATION:	Domestic Hot Water Recirculation
DRAWING NUMBER:	NC-DHW-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])

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		Aquastat (Honeywell Model #L6006A or L6006C)
	Check Valve		Pump
	Union		Mixing Valve
	Pressure Relief Valve (Watts 174A, Zurn P3000BR, Cash Acme F-82)		Thermal Expansion Tank