

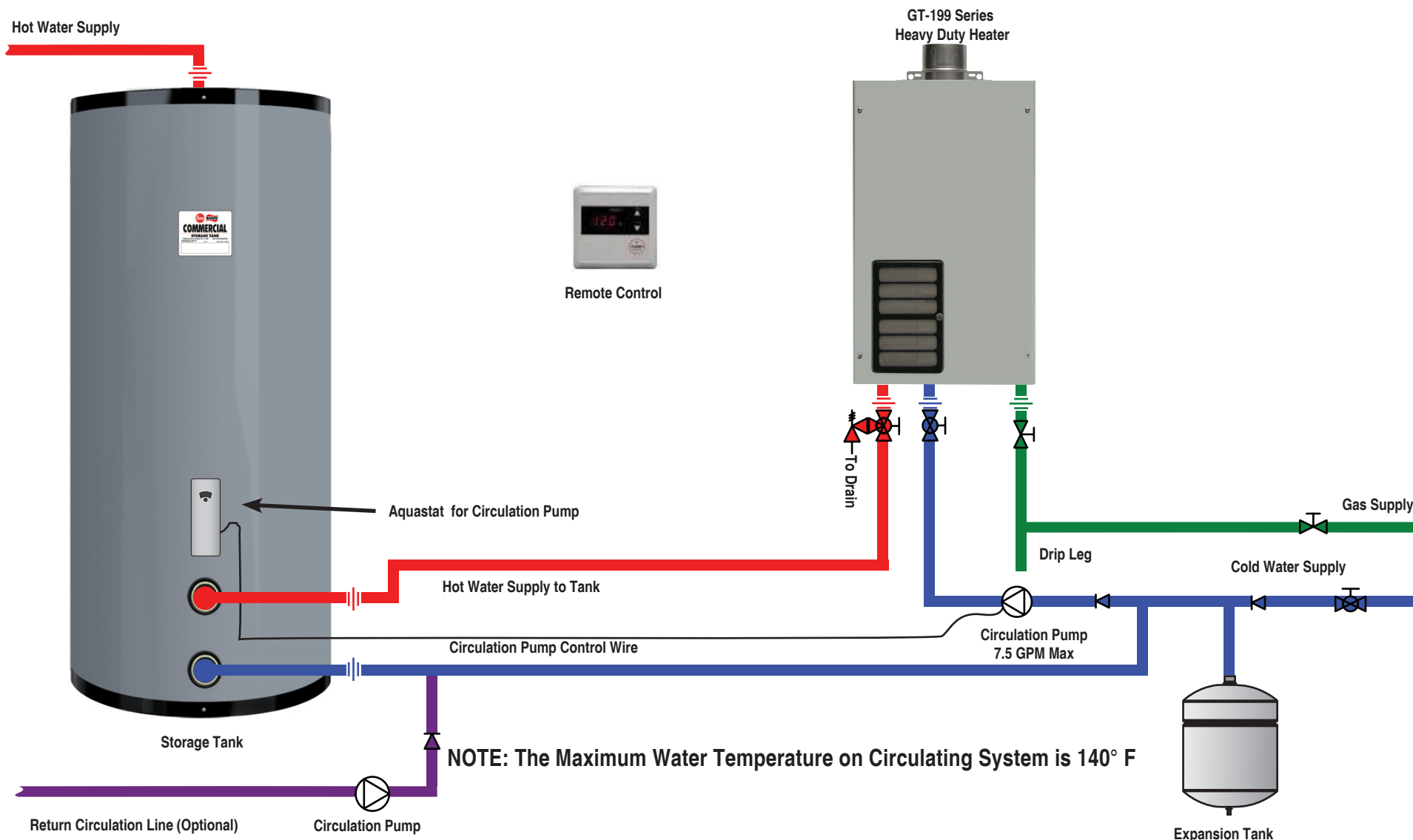
Rheem Tankless Water Heaters • Preferred Piping Installations

Storage Circulation System One Unit Installation

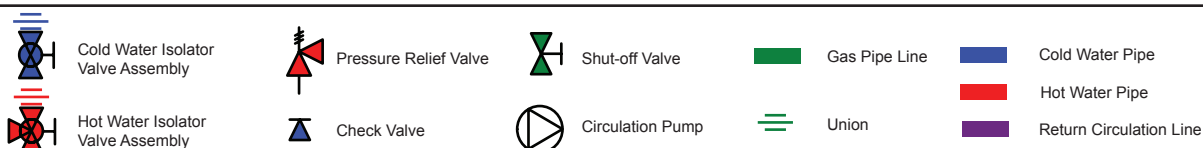
Drawing Number: RTG-11124

Drawing Date: August 2006

Drawing by: SMT



KEY



IMPORTANT

This drawing is intended as a guide only. It is not to be used as an alternative to a professionally engineered project drawing. This drawing does not imply compliance with local building codes. Installation may vary, depending on installation location, and must be done in accordance with all local building codes. Consult with local building officials prior to installation.

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Equipment Schedule

Tankless Units Manifolded	MIC-180 Controllers	MICS-180 Controllers	MIC-K* Cables	AP12993C Relief Valves	AP13892† Valve Kits	Maximum System Flow Rate (gpm)	Min. Hot Water** Header Size (in.)	Min. Cold Water** Header Size (in.)	System Total Gas Input (btuh)	Min. Natural Gas Header*** Size (in.)	Min. LP Gas Header**** Size (in.)
2	1	0	2	2	2	15	1	1	399,800	1	¾
3	1	0	3	3	3	22	1	1	599,700	1 ¼	1
4	1	0	4	4	4	30	1 ¼	1 ¼	799,600	1 ¼	1
5	1	0	5	5	5	37	1 ½	1 ½	999,500	1 ¼	1
6	1	0	6	6	6	44	1 ½	1 ½	1,199,400	1 ½	1 ¼
7	1	1	7	7	7	52	2	2	1,399,300	1 ½	1 ¼
8	1	1	8	8	8	59	2	2	1,599,200	2	1 ¼
9	1	1	9	9	9	67	2	2	1,799,100	2	1 ½
10	1	1	10	10	10	74	2	2	1,999,000	2	1 ½
11	1	1	11	11	11	81	2	2	2,198,900	2 ½	1 ½
12	1	1	12	12	12	89	2	2	2,398,800	2 ½	1 ½
13	1	1	13	13	13	96	2 ½	2 ½	2,598,700	2 ½	2
14	1	1	14	14	14	104	2 ½	2 ½	2,798,600	2 ½	2
15	1	1	15	15	15	111	2 ½	2 ½	2,998,500	2 ½	2
16	1	1	16	16	16	118	2 ½	2 ½	3,198,400	3	2
17	1	1	17	17	17	126	3	3	3,398,300	3	2
18	1	1	18	18	18	133	3	3	3,598,200	3	2
19	1	1	19	19	19	141	3	3	3,798,100	3	3
20	1	1	20	20	20	148	3	3	3,998,000	3	3

- * MIC-K cable length to be selected based upon water heater layout.
† Valve Kits are optional, Full flow ball valves should be used as a standard
** Smooth copper pipe sizes
*** Black iron pipe sizes (nominal 7 in. w.c. pressure)
**** Black iron pipe sizes (nominal 11 in. w.c. pressure)

OPTIONAL EQUIPMENT AND ACCESSORIES

MIC-180	Multiple Unit Controller - Controls up to 6 units
MICS-180	Multiple Unit Extender - Add on to the MIC-180 for control of up to 20 Units
MIC-K Cables	Multiple Unit Control Cables, available in 16, 32, and 65 ft lengths.
AP12993C	Pressure Relief Valve - 150 PSI
AP13892	Isolation Valve Kit - includes shut off valves and relief valve