

**Note:**

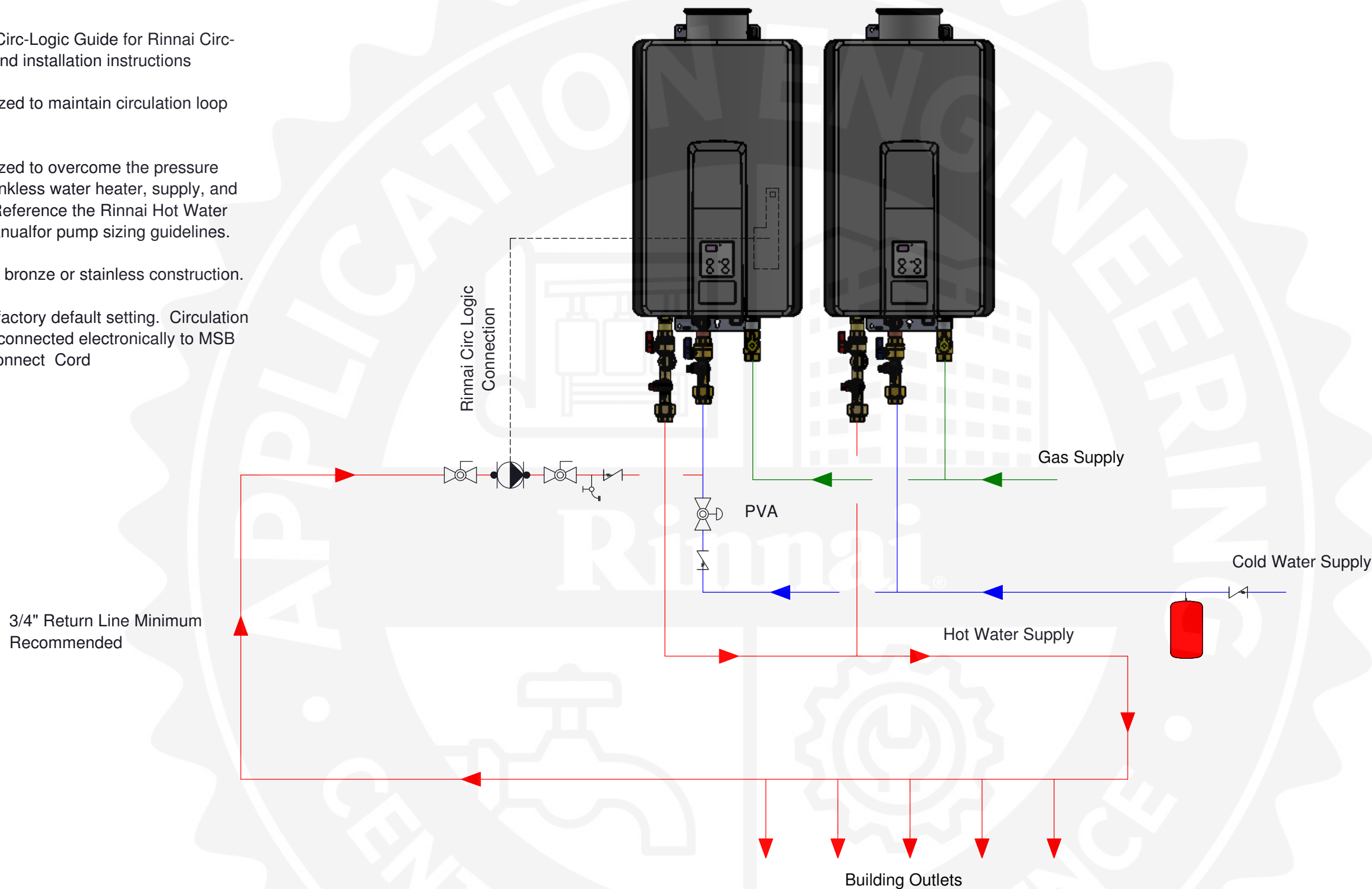
Reference Rinnai Circ-Logic Guide for Rinnai Circ-Logic description and installation instructions

Pump should be sized to maintain circulation loop temperature.

Pump should be sized to overcome the pressure loss through the tankless water heater, supply, and return plumbing. Reference the Rinnai Hot Water System Design Manual for pump sizing guidelines.

Pump should be of bronze or stainless construction.

PVA to remain at factory default setting. Circulation unit should not be connected electronically to MSB Controller or EZ Connect Cord



3/4" Return Line Minimum Recommended



**LAST REVISION COMMENTS**

This is not an engineering drawing; it is intended only as a guide and not as a replacement for professional engineering project drawings. This drawing is not intended to describe a complete system. It is up to the contractor or engineer to determine the necessary components and configuration of the particular system to be installed. The drawing does not imply compliance with local building code requirements. It is the responsibility of the engineer or contractor to ensure that the installation is in accordance with all local building codes. Confer with local building officials before installation.

**UNLESS OTHERWISE SPECIFIED:**

TOLERANCES:  
 Sheet Metal X.XX = ±0.030  
 X.XXX = ±0.010  
 Fraction = ±1/32  
 Angle = ± 1.0°  
 MACHINED X.XXX = ±0.005  
 Angle = ± 0.010°

INTERPRET GEOMETRIC TOLERANCING PER:  
 MATERIAL  
 FINISH  
 DO NOT SCALE DRAWING

	NAME	DATE
DRAWN	AB	11.16.2018
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		

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**TITLE:**  
 Systems Design Manual  
 Non-Condensing Tankless  
 Two Unit Circ Logic

SIZE	DWG. NO.	REV
B	WH-2-CL	
SCALE: NTS	WEIGHT:	SHEET 1 OF 1