

Trailer Systems (Water)

Presented

At The

**2009 2010 Restoration Rally - Albuquerque,
NM**

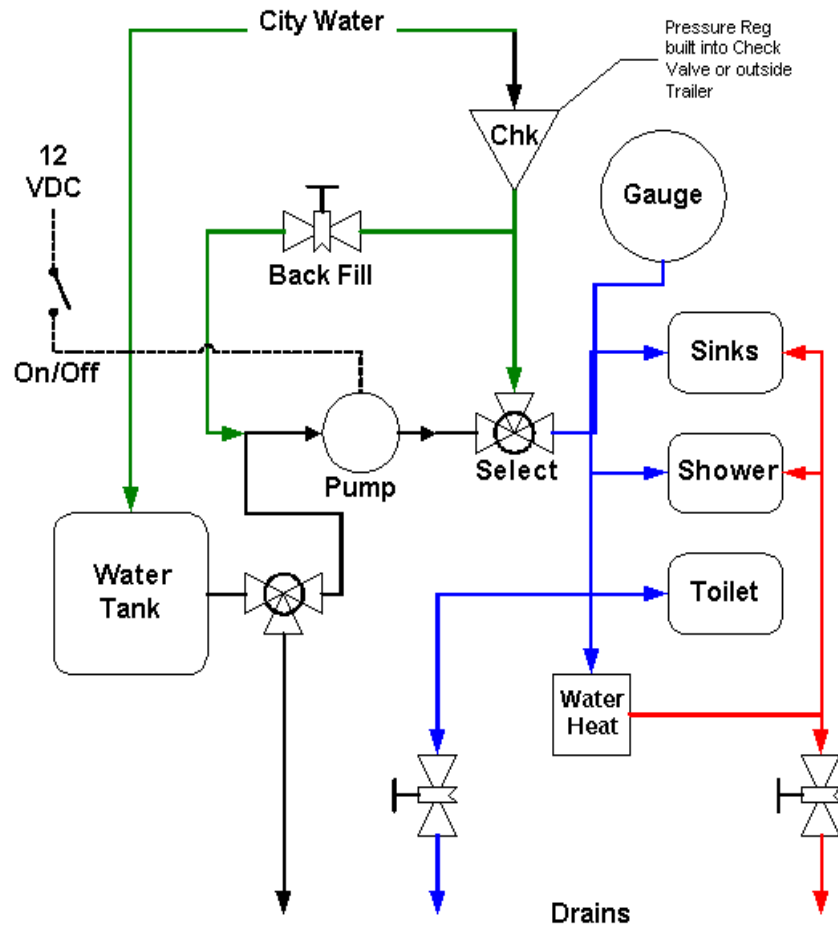
Water System Characteristics

	Propane	Water	Electric
Source	Dealer	Tap	AC Receptacle
Storage	Tank (100 psi)	Tank	Battery (+ 12 VDC)
Distribution	Cu Pipe (½ psi)	Cu or Pex Pipe (50 psi)	Cu or Al Wire
Use	Heat	Drink, Wash, Flush	Heat, Light, Rotation
Waste	Heat & Exhaust	Gray & Black water	Heat

Water Safety

- The issue is contamination
- Leaks are a danger to your RV
 - Floor rot
 - Mold

Water System Diagram



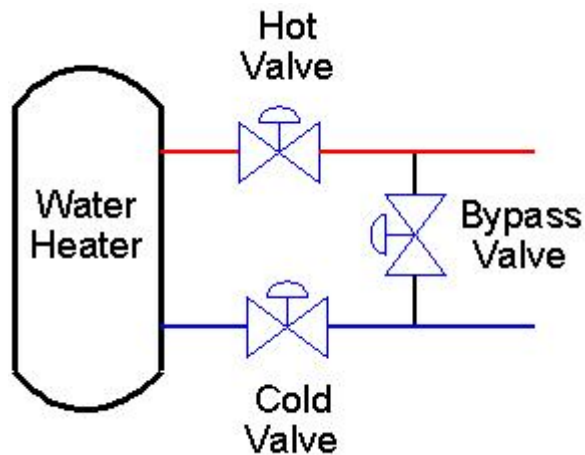
Do The Math

Water weighs 8.3 pounds / gallon

- **0.036 # / cu in**
- **62.4 # / cu ft**

Water Heater Bypass

“I get in the shower,
and the water is
hot for less than a
minute.”



The bypass valve is
open.

Water System

- Big Deals
 - Winterizing (anti-freeze or blow out)
 - Input Check Valve & Pressure Regulator
 - Hose Clamp Connections – not reliable
- Troubleshooting
 - Pressure Gage
 - If system holds pressure, no leaks.

Gadgets, Pressure Gage



Jim Cooper
June, 2010

Rocky Mountain VAC
Rally