

Winterization Procedure Must be Completed by a Licensed Plumber

Failure to properly winterize unit can result in thousands of dollars in damage.

INSTRUCTIONS FOR DRAINING & WINTERIZING SHOWER TRAILERS

AL19-1457 & AL19-1463

Note: All ball valves **NOT** charged with antifreeze need to be in the half **open** position once winterizing is complete. If valve is fully **closed** to hold pressure, open and close that valve twice to allow any trapped water to be displaced. Failure to do so may cause damage to the valve and will need to be replaced.

-The unit needs to be completely level in order for plumbing to function properly.

-To winterize you will need about 20 gallons of antifreeze.

-Be sure to disconnect the water supply to the trailer under the unit.

Drain Unit:

- Turn off the hot water heater (HWH) electrical disconnect, located on the back wall between the two hot water tanks.
- Drain the HWH by **opening** valve 8 & 9. **Close** valves 4, 5, 6, & 7 that feed the hot water heater so no antifreeze will be pumped into the tank. **Open** valve 3 for a by-pass.
- The HWH **must** be drained prior to moving the trailer.

Blow out Water lines:

- Attach an air pump or compressor to the line until 70psi is reached. Air can be connected near the pressure gauge above the HWH on the right.
- Slowly **open** the drain valves for the showers (valves 11, 12, 18, 19) by removing access cover on the wall beside the toilet. **Close** valve once all water has escaped.
- **Open** all sink faucets until water has been removed. Flush all toilets to remove water from tank.
- **Open** all drains under sinks including laundry sink and toilets (valve 10, 13, 14, 15, 16, 17)

Adding Antifreeze to line:

- With a water pump and a piece of garden hose, connect hose to spigot (valve #2) and use a pail of plumber's antifreeze to fill water lines, fill pail as needed.
- Be sure all drain valves are **closed** throughout unit. Also, valves 4, 5, 6 & 7 needed to be **closed**. **Open** valve 3 to allow antifreeze to circulate.
- With the water lines charged with plumber antifreeze run the sink and shower hot/cold taps until antifreeze is visible. Be sure to fill the sink, urinals and shower p-traps with antifreeze.
- **Open** the valves of the toilets (located at bottom of toilet near valves 10 & 17) just enough to allow the antifreeze into the toilet tank and bowl. Pour antifreeze into the standpipe in the toilet tank. Sponge out or use a shop vac to clear any water out of the toilet bowl and tank then add 4" of plumber antifreeze in toilet bowls.

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USING SHOWER TRAILER WATER & SEWER

Valve Position

NOTE: CONNECTION FOR MUNICIPAL SEWER AND WATER LINES LOCATED UNDER THE TRAILER

- VALVE 1. OPEN (WATER FEED)
- VALVE 2. CLOSED (TAP)
- VALVE 3. CLOSED (HWW BY-PASS)
- VALVE 4. OPEN (COLD WATER IN HWH)
- VALVE 5. OPEN (HOT WATER OUT HWH)
- VALVE 6. OPEN (COLD WATER IN HWH)
- VALVE 7. OPEN (HOT WATER OUT HWH)
- VALVE 8. CLOSED (HWH DRAIN)
- VALVE 9. CLOSED (HWH DRAIN)
- VALVE 10. CLOSED (FEMALE TOILET DRAIN)
- VALVE 11. CLOSED (SHOWER DRAIN LEFT SIDE FEMALE)
- VALVE 12. CLOSED (SHOWER DRAIN RIGHT SIDE FEMALE)
- VALVE 13. CLOSED (COLD WATER DRAIN)
- VALVE 14. CLOSED (HOT WATER DRAIN)
- VALVE 15. CLOSED (UNDER SINK DRAIN MALE)
- VALVE 16. CLOSED (UNDER SINK DRAIN MALE)
- VALVE 17. CLOSED (MALE TOILET DRAIN)
- VALVE 18. CLOSED (SHOWER DRAIN LEFT SIDE MALE)
- VALVE 19. CLOSED (SHOWER DRAIN RIGHT SIDE MALE)