

40'x12' Shower Trailer

Water System Operating Instructions

If an on-site water source is available, then the unit can be connected to it to supply water to the plumbing system. See the valve position guide below for using municipal services. The on-site water supply is connected to a water pipe protruding down under the trailer. Be sure to wrap the on-site water supply pipe in heat tape to prevent freezing. There is a plug under the trailer to plug heat tape into.

Valve Position Guide for Start-Up & Use of a Shower Trailer

VALVE 1.	OPEN (MUNICIPAL FEED)
VALVE 2.	CLOSED (WINTERIZING)
VALVE 3.	CLOSED (HOT WATER DRAIN)
VALVE 4.	CLOSED (BYPASS FOR HOT WATER)
VALVE 5.	OPEN (HOT WATER TANK HOT OUTLET)
VALVE 6.	OPEN (HOT WATER TANK COLD INLET)
VALVE 7.	CLOSED (LAUNDRY TUB DRAIN)
VALVE 8.	CLOSED (LAUNDRY TUB DRAIN)
VALVE 9.	CLOSED (SHOWER DRAIN)
VALVE 10.	CLOSED (BATHROOM SINK DRAIN)
VALVE 11.	CLOSED (BATHROOM SINK DRAIN)
VALVE 12.	CLOSED (TOILET DRAIN)

40'x12' Shower Trailer

Winterization Procedure Must be Completed by a Licensed Plumber.

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

Note: All drain valves (#1, 3, 7, 8, 9, 10, 11, 12) should be OPEN to drain the trailer, then CLOSED prior to winterizing the unit.

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.

- To winterize you will need about 20 gallons of antifreeze
- The unit needs to be completely level for plumbing to function properly
- Be sure to disconnect the main water feed located under the unit before draining

Drain Water Lines:

- Turn off the hot water heater (HWH) electrical disconnect on each tank
- Drain the HWH by **OPENING** valve (#3). Close valves (#5 and 6) that feed the hot water heater so no antifreeze will be pumped into the tank. Open valve (#4) 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.
- Slowly **OPEN** the drain valves for the showers (valve #9) by removing access covers on the wall. Close valves 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 (valves #7, 8, 10, 11, 12)

Adding Antifreeze to Lines:

- With a water pump and a piece of garden hose, connect hose to spigot (valve #2 - blue valve handle) 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 #5 & 6 need to be closed. Open valve #4 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 P-traps with antifreeze.
- Pour antifreeze into the standpipe in the toilet tanks. 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.
- **OPEN** the valve on the toilet (located under the toilet tank) just enough to allow the antifreeze into the toilet tank (roughly 2" on bottom).

40'x12' Shower Trailer

Valve Position Guide for Winterizing a Shower Trailer

- VALVE 1. CLOSED (MUNICIPAL FEED)
- VALVE 2. OPEN (WINTERIZING)
- VALVE 3. CLOSED (HOT WATER DRAIN)
- VALVE 4. OPEN (BYPASS FOR HOT WATER)
- VALVE 5. CLOSED (HOT WATER TANK HOT OUTLET)
- VALVE 6. CLOSED (HOT WATER TANK COLD INLET)
- VALVE 7. CLOSED (LAUNDRY TUB DRAIN)
- VALVE 8. CLOSED (LAUNDRY TUB DRAIN)
- VALVE 9. CLOSED (SHOWER DRAIN)
- VALVE 10. CLOSED (BATHROOM SINK DRAIN)
- VALVE 11. CLOSED (BATHROOM SINK DRAIN)
- VALVE 12. CLOSED (TOILET DRAIN)