

UPGRADE GUIDE

Shower Valve Upgrade Standard (Non-Thermostatic) or Thermostatic?

The factory shower valve is plastic, and it sits in the wall directly in front of your coach's electronics panel. If a plastic valve body cracks, water can reach those electronics. Both upgrades replace it with an all-metal, lead-free brass valve. The real choice is how you want your shower to behave.

Both options include: an all-metal, lead-free brass valve body in place of the factory plastic valve, the same protection against a cracked valve body, and a standard ½" shower-hose connection.

WHICH IS RIGHT FOR YOU?

Choose Standard (non-thermostatic) if	You want the shower to work exactly as it does now, use a detachable hose, or connect a garden hose for outdoor rinsing.
Choose Thermostatic if	You want steady water temperature with no mid-shower adjusting, travel with kids or guests, or boondock and want to stretch your water supply.

GOOD TO KNOW

- **Same leak protection:** both valves replace the cracked-plastic risk. The thermostatic valve is a comfort and scald-protection upgrade, not extra leak protection.
- **Hot-water requirement:** the hot water must be hotter than the temperature you set, so on long showers performance depends on your water heater.
- **Winterizing:** thermostatic valves hold some water inside their internal parts, so they need their own winterizing steps.

SIDE-BY-SIDE

	Standard (non-thermostatic) Valve	Thermostatic Valve
Valve body	All-metal, lead-free brass	All-metal, lead-free brass
Fit and feel	Same hose position and quick-connect style as the factory valve	Hose connects underneath and hangs straight down
Detachable hose	Yes, quick-connect included	No, hose threads on directly
Adapters included	$\frac{3}{4}$ " garden-hose adapter and $\frac{1}{2}$ " adapter	None
Water temperature	Set by hand; can drift as the water pump cycles or the water heater cools	Holds the temperature you set
Temperature spikes	Passed through to the shower	Corrected automatically
Water use	Standard	Less water wasted adjusting temperature
Winter care	Same as the factory valve	Needs valve-specific winterizing steps

Ready to upgrade? Tell us your coach's model and year and which valve you want, and we'll confirm fitment and scope. Upgrades are done at our Arvada shop, by appointment. Email sales@overlanddesignbuild.com or call (720) 605-6169.

STANDARD (NON-THERMOSTATIC) VALVE: BENEFITS

- **Familiar:** works and looks like the factory shower, with a metal valve in place of plastic.
- **Detachable hose:** the hose snaps off for cleaning, storage or replacement.
- **Flexible:** the included adapters let you connect a garden hose or other ½" fittings for rinsing gear, pets or muddy boots.
- **Simple:** fewer internal parts and the same winterizing routine as before.

THERMOSTATIC VALVE: BENEFITS

- **Steady temperature:** RV water pumps cycle on and off and small water heaters cool as you use them. A standard valve passes those changes straight to you; a thermostatic valve corrects for them and holds your set temperature.
- **Less risk of scalding:** sudden hot surges are corrected before they reach you, which matters with kids, guests, or anyone sensitive to heat.
- **Saves water:** less time spent adjusting to find the right temperature, so fresh-water and grey-tank capacity last longer when you're off-grid.
- **Set it and forget it:** the temperature stays where you left it from one shower to the next.
- **Cleaner hose layout:** the downward outlet lets the hose hang straight, so it bends and wears less at the connection.