

Tankless water heater annual maintenance checklist

The annual tankless water heater service is the deep pass: the measurements, cleanings and tests a quarterly round doesn't reach. This checklist keeps the full service on record with the photos that make it defensible later. Work is commonly verified against IPC / UPC plumbing codes, manufacturer's published instructions. Confirm the edition your authority having jurisdiction has adopted.

Who runs it: The plumbing service tech on the annual service visit. When: Once a year, and sooner where the water is hard, since scale in the exchanger is what steals temperature and eventually cracks the unit.

Descale and flush

- ☐ **Heat exchanger descaled and flushed**
Isolation valves used to circulate descaling solution through the exchanger, then flushed clean, scale volume in the return noted to set the next interval. **2 photos required**
- ☐ **Inlet screen and flow verified after flush**
Inlet screen cleaned again after descaling, flow rate and delivered temperature re-checked to confirm the descale actually restored output. **1 photo required**

Burner service

- ☐ **Burner, flame sensor and igniter cleaned and serviced**
Burner assembly and flame rod cleaned per manufacturer schedule, igniter checked, flame pattern and ignition re-verified after service. **2 photos required**
- ☐ **Combustion and venting proven after service**
Combustion confirmed within the manufacturer's range after cleaning, vent and condensate path re-checked end to end, no fault codes on restart. **1 photo required**