

# HEAT PUMP WATER HEATER

## RESIDENTIAL TUNE-UP SERVICE CHECKLIST



Hawai'i Energy

*We recommend that you service your heat pump water heater every 3 years.*

- ☐ Test T&P valve & verified that the water flows and flow stop.
- ☐ Visually inspect tank for leaks, damage & bulging. Annotate location of damage if applicable.
- ☐ Conduct tank pressure test if applicable.
- ☐ Remove and clean the air intake filter.
- ☐ Remove upper & lower element panels and inspect for leaks.
- ☐ Inspect condensate line & flush with a solvent.
- ☐ Close the water heater valve and open the hot water line in the residence. Confirm that the flow stopped.
- ☐ Drain water heater. Remove upper & lower elements.
- ☐ Conduct internal inspection of the tank to ensure that all sediment was removed from the bottom. Inspect the anode rod, dip tube, and check for any internal damage to the tank.
- ☐ Test heating elements for efficiency and replace as needed.
- ☐ Remove the upper shroud to clean control board and compressor with air can.
- ☐ Clean evaporator.
- ☐ Straighten any bent evaporator fins.
- ☐ Clean the condensate pan.
- ☐ Replace Anode Rod. Annotate condition, number of anode rods replaced, and type of anode rod used for replacement on application.
- ☐ Wipe down the cooling fan.
- ☐ Remove thermal expansion tank & conduct pressure test if applicable. Check for leaks.
- ☐ Reinstall air filter.
- ☐ Turn on hot water faucet and open the cold-water supply to HPWH. Conducted a visual inspection of the heater for any leaks (i.e. elements, flex lines, drain, thermal expansion tank, and relief valve).
- ☐ Turn the breaker to boot the Heat Pump Water Heater up.
- ☐ Check voltage on the upper element and replace the thermostat as needed.
- ☐ Confirm that the compressor and fan are online.
- ☐ Confirm that there are no warnings or fault codes on the screen.

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