

# WHAT YOU'LL NEED TO INSTALL YOUR HEAT PUMP WATER HEATER

HOT WATER SOLUTIONS

## TOOLS

- Pipe cutter or hacksaw
- Measuring tape
- Gloves
- Plumbers pipe wrench
- Screwdrivers
- Pliers
- Level
- Step ladder
- Electrical current tester or voltmeter
- Socket wrench
- Crescent wrench
- Garden hose to drain tank
- Hand truck



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## MATERIALS

- Electrical tape
- Wire nuts
- Teflon thread tape
- Shims
- Pipe insulation
- Shutoff valve
- Earthquake straps (recommended if not required by local code)
- Condensate pump (optional)
- Stand (if required by local code)
- Strut channel or wood blocking (for wall clearance if required by manufacturer; check installation instructions)
- Foam insulation pad (you can make your own out of 1.5" rigid foam)
- Foam pipe insulation sleeves
- Tubing hangers (optional)
- Water supply pipes
  - Push-to-fit connectors do not require soldering; verify compliance with local code
  - In Oregon, you may use up to 96" of approved flexible water lines to run from the supply line to the hybrid water heater's inlet and outlet
- CPVC/copper piping and fittings for temperature/pressure relief valve
- PVC pipe and accessories for condensate lines
  - PVC connectors, threaded for condensate outlet connection (both 45° and 90° elbows)
  - Pipe hangers
  - PVC glue
  - P-trap
- Clear vinyl tubing, sized for condensate pump and of sufficient length to reach drain or clear vinyl tubing and fittings to tie into existing condensate line (optional)
- Drain pan to sit beneath unit (new unit may have a larger circumference than the existing tank, optional)
- Thermal expansion tank (required for closed plumbing systems and/or local code)
- Rags or old towels to wipe up any water spills