

## Sizing a heat pump water heater

If you plan to replace a gas water heater with a heat pump water heater, consider upsizing the tank. While heat pumps are more efficient, they take longer to heat up. A bigger tank reduces the chance that you will run out of hot water.

The table provides size recommendations based on existing tank size and the number of bedrooms in the home.

Existing gas water heater tank size  
To ensure a similar experience, upsize the tank when electrifying a water heater.

**Recommended heat pump water heater size (gallons)**  
Houses with more occupants have more water use. Bigger tanks will make sure no one gets a cold shower.

|           | Studio | 1-br | 2-br | 3-br     | 4-br |
|-----------|--------|------|------|----------|------|
| 40 gallon | 40     | 50   | 65   | 65 or 80 | 80   |
| 50 gallon | 50     | 50   | 65   | 65 or 80 | 80   |
| 60 gallon | -      | 65   | 80   | 80       | 80   |
| 80 gallon | -      | -    | 80   | 80       | 80   |

### > Will a larger water heater fit in my space?

For reference, an 80-gallon heat pump water heater is about 2 feet in diameter and needs at least 6'-6" of ceiling height. For smaller water heaters, consider installing a thermostatic mixing valve. With a mixing valve, you can safely turn up the temperature of the water heater, which can provide more hot showers from the same sized tank.

Above are for 240V systems.  
Increase to next size for 120V, plug-and-play systems.