









IT WON'T JUST MEET YOUR HOT WATER NEEDS.

It will exceed them.

When it comes to water heating solutions, the differences are clear.

				
	Fixtures/Appliances In Use	Available Hot Water	Replenish Entire Hot Water Supply	Ease of Installation
	1	21 MIN	88 MIN	STANDARD CONNECTION
ELECTRIC TANK WATER HEATER				
	1	18 MIN	36 MIN	STANDARD CONNECTION
GAS TANK WATER HEATER				
	1	CONTINUOUS	16 MIN	STANDARD CONNECTION
RINNAI RH180 HYBRID TANK-TANKLESS WATER HEATER				
	NUMEROUS	CONTINUOUS	INSTANT	SOME RETROFIT
RINNAI TANKLESS WATER HEATER				

Based on 50° F inlet supply water temperature, 40-gallon standard tank, single shower use (assumed to be 2.5 gpm mixed flow rate). Mixed temperature at showerheads to be 105° F. Appliance set point to be 120° F. Available hot water and replenished hot water supply based on industry calculation methods and Rinnai lab testing. Based on internal Rinnai testing, results may vary based on application.

Standard Hookups Make Installation Quick and Easy.

- A Gas: 1/2" MNPT\*
- B 4" B-Vent
- C Hot Water: 3/4" MNPT
- D PRV: 3/4" FNPT

\*As with all gas appliance applications, installers should check and abide by local gas-pipe size and national fuel gas codes.



RH180 HYBRID TANK-TANKLESS WATER HEATER

How it works.

The Rinnai RH180 Hybrid Tank-Tankless Water Heater is a unique combination blending the benefits of advanced technology and simple supply; it pairs an innovative, on-demand tankless system with an ample 40-gallon storage tank. By design, the system has a large capacity of hot water as well as technology to help maintain and quickly replenish the hot water supply.

Here are the basics:

1. When a hot water fixture (shower, faucet, etc.) is turned on, heated water exits the system from the top of the tank. While hot water exits the top of the tank, cold water enters the system and is directed toward the bottom of the tank.
2. Automatically sensing a change in temperature, the system activates a pump that draws cooler water located at the bottom of the tank up and through the heating components of the tankless unit.
3. The heated water exits the tankless unit and is then directed toward the top of the tank.
4. While the fixture is on and cold water continues to be directed to the bottom of the tank, the tankless technology continually replenishes the system with hot water.
5. When the hot water fixture is turned off, cold water stops entering the tank, but the tankless unit continues replenishing hot water until the selected set temperature is satisfied.

