

This Model  
Qualifies for  
U.S. Federal  
Tax Credit



# AquaStar 1600H

Tankless Water Heater with Hydro-generated Ignition



Who said water can't light a fire?

The Bosch AquaStar Model 1600H incorporates a revolutionary hydro-generated ignition system, allowing the water heater to operate without a standing pilot, electricity, or a battery. This innovative technology uses the energy from the flowing water to ignite the spark. The Bosch AquaStar Model 1600H is the first tankless water heater of this kind.



**BOSCH**

Invented for life

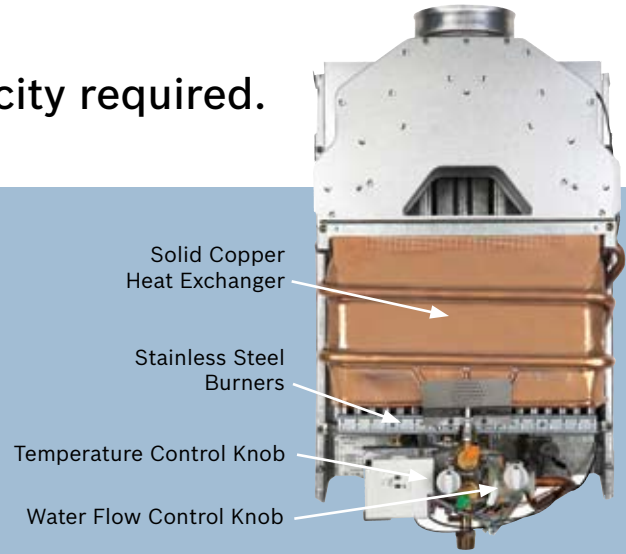
# AquaStar 1600H

Hydro-generated ignition – No electricity required.

Endless hot water for 1 major application at a time.

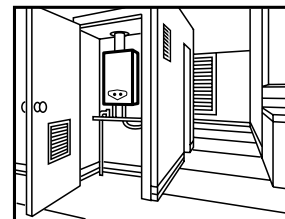
## Features

- Delivers up to 4.3 gallons per minute
- No standing pilot – no electricity needed
- 12-year warranty on heat exchanger – 2 years on parts
- Provides ENDLESS supply of hot water
- Saves up to 50% off utility costs
- Compact and lightweight
- Can simply hang on the wall
- Modulating gas valve to control temperature
- Pressure relief valve included
- CSA approved

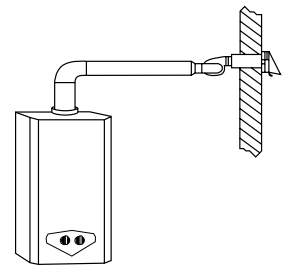
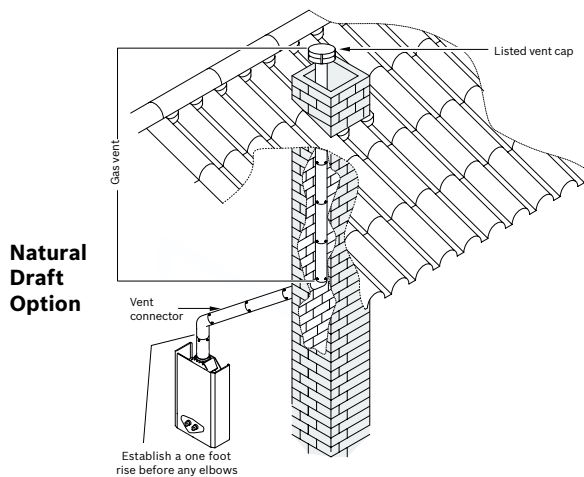


Technical Specifications	
<b>Power Input</b>	Natural Gas: 30,735 - 117,000 Btu LP Gas: 30,735 - 117,000
<b>Minimum Flow to Activate</b>	0.5 gallons per minute (gpm)
<b>Flow Rates</b>	45°F rise @ 4.3 gpm 55°F rise @ 3.4 gpm 65°F rise @ 2.9 gpm 77°F rise @ 2.4 gpm 90°F rise @ 2.1 gpm
<b>Energy Factor</b>	NG: .80 LP: .80
<b>Thermal Efficiency</b>	NG: 78% LP: 78%
<b>Dimensions</b>	H: 25 3/4" W: 16 3/4" D: 8 1/2"
<b>Weight</b>	33 lbs.
<b>Modulating Gas Valve</b>	Yes
<b>Ignition</b>	Hydro-generated (No electricity)
<b>Accessories</b>	Power vent for horizontal venting (AQ4)

Installation Specifications	
<b>Gas Connection</b>	3/4" Male NPT
<b>Water Connections</b>	1/2" Male NPT
<b>Natural Gas Pressure</b>	Minimum: 7" WC Maximum: 14" WC
<b>Liquid Propane Pressure</b>	Minimum: 11" WC Maximum: 14" WC
<b>Water Pressure</b>	Minimum: 30 PSI Maximum: 150 PSI
<b>Electrical Supply</b>	None
<b>Vent Size</b>	5" (double-wall type B)
<b>Vent Termination</b>	Vertical



Closest installation of Model 1600H with proper ventilation shown.



**Power Vent Option**  
Illustrating the side wall vent option that allows horizontal venting and elimination of the chimney (Part #AQ4).

**BBT** NORTH AMERICA CORPORATION  
Bosch Group

Bosch Water Heating  
340 Mad River Park  
Waitsfield, VT 05673

866.642.3199 • www.boschhotwater.com