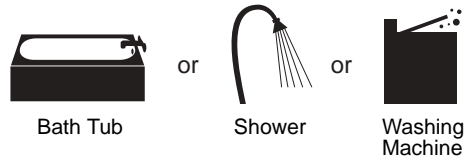




## AquaStar 125BS

Bring efficiency to your solar water heating system with the Bosch AquaStar Model 125BS. This heater is specifically designed as a backup to preheated water produced by solar-based systems or from woodstoves. Its tankless design saves floor space and will save you money, as it only operates when your preheated water needs a boost in temperature.

**Endless hot water for  
1 major application at a time.**



### FEATURES

- Delivers up to 3.5 gallons per minute
- 12-year warranty on heat exchanger – 2 years on parts
- Manufactured by Bosch – world-renowned for quality and engineering
- Standing pilot
- Provides an ENDLESS supply of hot water
- Saves up to 50% off utility costs
- Compact and lightweight
- Can simply hang on the wall from hooks (included)
- Modulating gas valve to control temperature
- Pressure relief valve included
- CSA approved



**Call us toll-free: 866-642-3199**

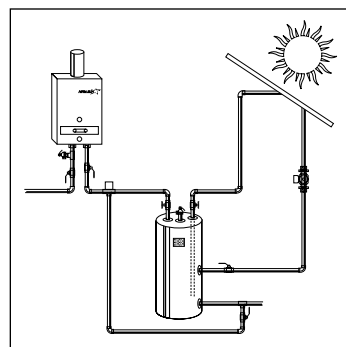
# AquaStar 125BS

## Technical Specifications

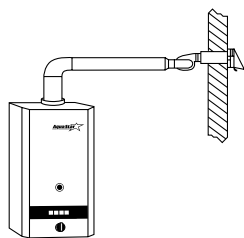
Power Input	Natural Gas: 28,000 – 117,000 Btu LP Gas: 28,000 – 117,000 Btu
Minimum Flow to Activate	0.5 gallons per minute (gpm)
Flow Rates	50°F rise @ 3.6 gpm 55°F rise @ 3.3 gpm 65°F rise @ 2.8 gpm 75°F rise @ 2.4 gpm 90°F rise @ 2.0 gpm
Energy Factor	.69
Thermal Efficiency	80%
Dimensions	Height: 29.75" Width: 18.25" Depth: 8.75"
Weight	44 lbs.
Modulating Gas Valve	Yes
Ignition	Standing Pilot
Optional Accessories	Power vent for horizontal venting (AQ1)

## Installation Specifications

Gas Connection	½" Male NPT
Water Connections	½" Male NPT
Natural Gas Pressure	Minimum: 7" WC Maximum: 14" WC
LP Gas Pressure	Minimum: 11" WC Maximum: 14" WC
Water Pressure	Minimum: 18 PSI Maximum: 150 PSI
Electrical Supply	None
Vent Size	5" (double-wall type B)
Vent Termination	Vertical



The system design demonstrates how to install a Bosch AquaStar as part of a solar-based water heating system. Check your local codes to determine if you need a tempering valve.



### Power Vent Option

Power vent option illustrating the side wall vent option that allows horizontal venting and elimination of the chimney (Part #AQ1).

With more than 25 years of experience selling tankless water heaters, *Controlled Energy Corporation* provides unmatched knowledge and service to its customers. Sales, service, installation, and technical information are just a toll-free call away. Or you can visit our web site.



**Controlled Energy Corporation**  
340 Mad River Park, Waitsfield, VT 05673 USA  
Toll-free: 866-642-3199 • Fax: 802-496-6924  
email: [sales@ControlledEnergy.com](mailto:sales@ControlledEnergy.com)  
website: [www.ControlledEnergy.com](http://www.ControlledEnergy.com)