

Water Temperature Too Hot	
Temperature dial set too high	Turn the temperature knob located on the bottom of the water heater counterclockwise for cooler temperatures.
There are restrictions in the plumbing	Obstructions in the water path can restrict the flow of water through the heater causing overheating. Verify the heater's inlet filter screen, faucet aerators, showerheads and whole house filters are clear of debris. Verify proper flow on the outlet side of the heater with the hot water pipe disconnected. Opening hot water isolation valve fully may be necessary. Maximum flow rates for each unit are as follows. AE115 - 2.3gpm, AE125 - 3.5gpm.
Inlet water temperature is too warm	Verify the heater is being feed with cold water only. This water heater is not designed for preheated water or recirculation applications. Increase flow rate where ever possible. Replacing low flow showerheads and aerators with higher flowing (GPM) ones may be necessary.

Water Temperature Fluctuates	
Cold mix, heater deactivates	If inlet water temperature is over 70°F, water may be very hot out of the tap. This requires a lot of cold water to be added in order to get a usable hot water temperature. The addition of too much cold water will overpower hot water demand from the water heater. This slows the flow within the water heater, decreasing it below the activation point, which shuts off the heater. The end result is nothing but cold water coming out of the outlet. Increase the flow rate by cleaning or replacing fixtures and lower the setting on the temperature adjustment knob. See service bulletin TWH-E2-04 at www.boschhotwater.com for further troubleshooting on this symptom.
Fluctuating water pressure	If the water pressure in the home is erratic and the water flow is not consistent while a tap is opened, then the temperature of hot water will fluctuate. The minimum water pressure for the home should be 30psi or greater. For people on well systems the minimum pressure range is 30 -50psi. The use of a pressure reducing/regulating valve is an effective way to maintain constant water pressure to the water heater. Watts brand 25AUB- ¾" or N35B-¾" pressure reducing/regulating valves or equivalent is suggested.
Changing flow rate	Major changes in flow rate can adversely affect the output water temperature of the heater. Increases from one major fixture running to multiple fixtures running at one time can cause the temperature to fluctuate. Stay within the heater's specifications. See Graph 1 on page 8.

PowerStar LIMITED 10 YEAR WARRANTY

COVERAGE

BOSCH THERMOTECHNOLOGY CORP. guarantees this water heater to the original owner of the water heater at the original installation location against defects in material and workmanship for the periods specified below.

WARRANTY PERIOD

1. The Heating Modules – If the original heating module leaks or fails within ten (10) years from the date of original installation of the water heater because of a defect in material or workmanship, Bosch Thermotechnology Corp will furnish to such an owner a replacement heater of the then-prevailing

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comparable model. *However, if the water heater is installed in other than a single family dwelling this heating modules warranty is limited to two (2) years from the date of original installation and operation.*

Note : Damage caused by exposure to freezing conditions is not covered by the warranty.

Note : Damage caused by scale formation is not covered by the warranty.

2. Any Component Part Other Than the Heating Modules – If any other component part (other than the heating modules) proves to be defective in material or workmanship within one (1) year from the date of original installation of the water heater, Bosch Thermotechnology Corp. will furnish the owner with a replacement of the defective part(s).
3. Verification of Date of Original Installation – When owner cannot verify or document the original date of installation, the warranty period begins on the date of manufacture marked on the tag affixed to the water heater.

EXCLUSIONS

1. THIS LIMITED WARRANTY SHALL BE THE EXCLUSIVE WARRANTY MADE BY THE MANUFACTURER AND IS MADE IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED (WHETHER WRITTEN OR ORAL), INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.
2. Manufacturer shall not be liable for incidental, consequential, special or contingent damages or expenses arising, directly or indirectly, from any defect in the water heater or the use of the water heater.
3. Manufacturer shall not be liable for any water damage arising, directly or indirectly, from any defect in the water heater component part(s) or from its use.
4. Manufacturer shall not be liable under this warranty if:
 - a) The water heater or any of its component parts has been subject to misuse, alteration, neglect or accident, or;
 - b) The water heater has not been installed in accordance with the applicable local plumbing and/or building code(s) and/or regulation(s), or;
 - c) The water heater has not been installed in accordance with the printed manufacturer's instructions, or;
 - d) The water heater is not continuously supplied with potable water.
5. The owner and not the manufacturer or his representative shall be liable for and shall pay for all field damages for labor or other expenses incurred in the removal and/or repair of the product or any expense incurred by the owner in order to repair the product.

SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHERS.

IMPORTANT: OWNER SHALL KEEP THIS CERTIFICATE

NOTE: A water heater must be installed in such a manner that if it should leak, the resulting flow of water will not cause damage to the area in which it is installed.

The person who initially installed the unit is the best one to contact for help. You can also call Bosch Thermotechnology Corp. at 866-642-3199. Please have this guide, model number, serial number and date of installation with you when you call.

**Bosch Thermotechnology
Corporation**

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