



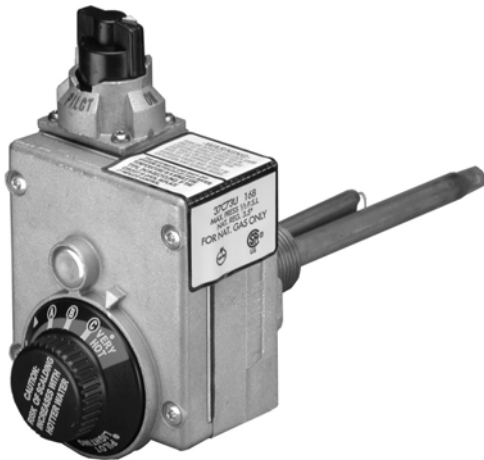
TECHNICAL SERVICE DEPARTMENT
Technical Service Bulletin
1-800-432-8373



White Rodgers Thermostat Control
Atmospheric Gas Water Heaters

Effective September 3, 2007, we transition to the White Rodgers Thermostat Control for our standard 30, 40, 50 & 60 gallon atmospheric residential gas water heaters. This change affected both natural and LP gas models. While only 30, 40, 50 & 60 gallon models are impacted at this time; the conversion from Robertshaw to White-Rodgers controls will ultimately impact all gas water heaters. Remaining models such as power vent, direct vent, mobile home, and large capacity models will take place during the 4th quarter, 2007.

White Rodgers Control



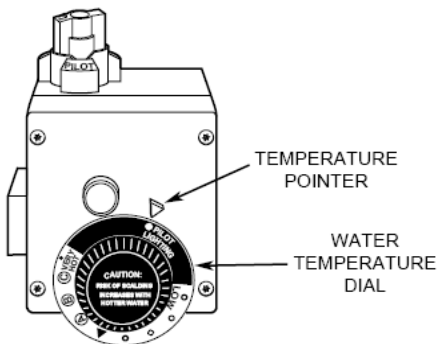
Gas Valve Replacement Instruction

1. Shut off gas to water heater.
2. Shut off water at cold water inlet.
3. Connect hose to heater drain cock. Drain water to a nearby drain. Open a hot water faucet for faster draining.
4. Disconnect gas line at union (figure 1). Remove piping from old control.
5. Disconnect the:
 - a. Thermocouple (left side).
 - b. Pilot burner (small tube on the right side)
 - c. Main burner (large tube in the middle).
6. Remove the control by turning it counterclockwise (↺). If needed, a short piece of 1/2" black iron pipe can be screwed into the control inlet to increase leverage.
7. Install White Rodgers control in reverse order.

Troubleshooting

All troubleshooting remains the same. See technical bulletins:

- 1410 How to Replace a Thermocouple
- 1413 How to Replace a Gas Valve (Thermostat)
- 1424 Pilot Outage Troubleshooting



⚠ WARNING		
The hotter the water the greater the risk of scald injury and the shorter the time to cause injury.		
SETTING	APPROXIMATE TEMPERATURE (°F)	APPROXIMATE TIME TO CAUSE INJURY
(▲)	120° ±10°	5 Minutes
A	130° ±10°	30 Seconds
B	140° ±10°	5 Seconds
C	150° ±10°	1.5 Second
VERY HOT	160° ±10°	Under 1 Second