

# 52199 AquaSmart® / GeniSys® Combination Control R8182H Replacement Kit Installation Instructions

This control package is intended to replace the Honeywell R8182H triple acting Aquastat®. Please read the supplied literature for the GeniSys burner control (61649) and AquaSmart boiler control (61738) before beginning the installation.



## WARNING

**Explosion, Electric Shock,  
Burn and Scald Hazards**

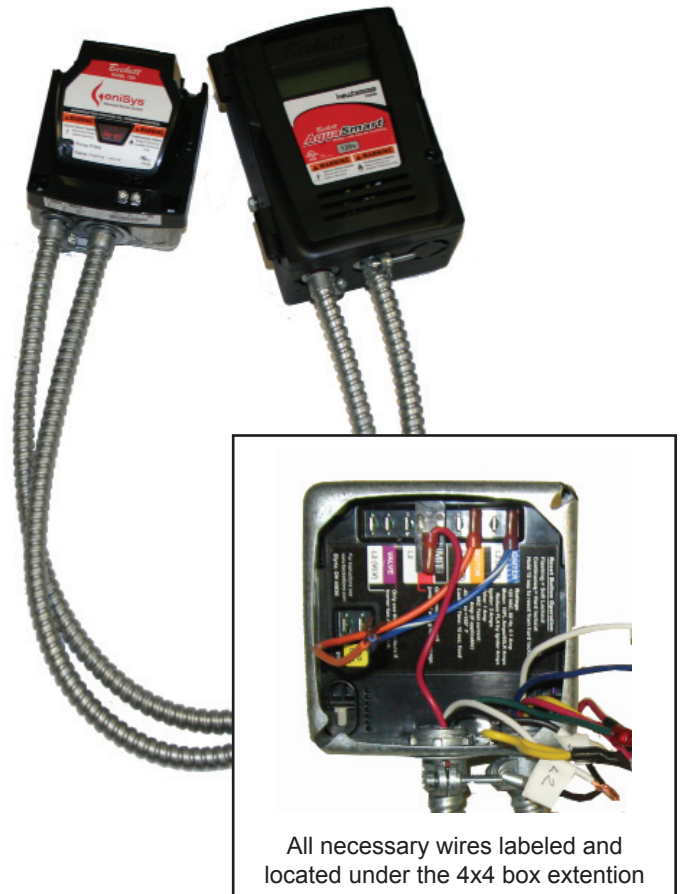
***Excessive water temperatures could cause explosion, burns, scalding, pressure relief flooding and fitting leaks.***

For proper installation, follow the steps outlined below.

## INCLUDED PARTS:

- (1) AquaSmart Control, Part No. **7600A001**
- (1) GeniSys Control, Part No. **7505A0000**
- (1) Wire Harness 1, Part No. **52193** (5 wire)
- (1) Wire Harness 2, Part No. **52194** (4 wire)
- (1) 4x4 Box Extension, Part No. **32778**
- (1) 48" Sensor Extension, Part No. **5212001**

1. Make sure power is turned off to the heating system.
2. Record all R8182H temperature limit and differential settings for reference.
3. **Remove and mark all wires** terminated in the old control.
4. Remove necessary conduit from the boiler control.
5. Carefully remove the boiler control from the immersion well.
6. Inspect and clean the immersion well, preparing it for the installation of the AquaSmart temperature sensor. (See AquaSmart literature (61738) for details)
7. Mount the AquaSmart control to the immersion well, per instructions outlined in the AquaSmart Manual.
8. Mount the 4x4 box extension with the burner control to the 4x4 box on the oil burner, or to an accessible 4x4 box near the appliance.
9. Wire the unit as appropriate for your system requirements. See the available options in the enclosed AquaSmart literature pages 12-24 and GeniSys literature for burner component wiring.
10. Turn power on. Program AquaSmart to desired temperature and differential settings.
11. Observe a complete call for heat cycle to ensure the control performs all programmed functions and shuts off at set temperature.



All necessary wires labeled and located under the 4x4 box extension

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