



**The key to integrated boiler control.** Honeywell's SOLA Control integrates up to fifteen control functions into a single compact device. Reduced installation, wiring and maintenance, along with features such as setback, outdoor reset and fan and burner modulation save you money and reduce your carbon footprint. Unlock the door to programming flexibility with features such as flame safeguard, pump control, on-board igniter, central heating/domestic hot water high limits, PID load control and operating controls. For flexible integrated boiler control – backed by Honeywell reliability – turn to the Honeywell SOLA Boiler Control.

# SOLA Boiler Control

## Efficient Boiler Control

Honeywell's SOLA Boiler Control helps save time, money and the planet! With SOLA, less fuel is used, meaning less CO<sub>2</sub> and other greenhouse gases are released into the atmosphere. The SOLA Boiler Control offers energy saving features:

- Setback / Time of day
- Outdoor reset
- Fan and burner modulation
- Multiple boiler control

Plus, the SOLA Boiler Control integrates up to fifteen control functions into one compact device, reducing wiring and installation time and control count. Honeywell's SOLA Boiler Control is your boiler efficiency solution!

## 15 Integrated Control Functions

1. Primary flame safeguard control
2. Igniter / Spark generator
3. Central heat operating control
4. Central heat high limit control (R7910A models)
5. Central heat PID load control
6. Outdoor reset control (R7910A models)
7. 3 Pump outputs, 5 assignable functions (R7910A models)
8. Domestic hot water operating control (R7910A models)
9. Domestic hot water high limit control (R7910A models)
10. Domestic hot water PID load control (R7910A models)
11. Stack temperature high limit control
12. Multiple boiler lead lag control
13. Building automation system router
14. Remote firing rate interface
15. Stack temperature high limit control

## Safety/Boiler Protection

Frost protection, slow start, anti-condensation, 3 Delta-T functions, outlet and heat exchanger T-rise, stack limit, boiler limit, domestic hot water limit

### Learn More

For more information please contact your Honeywell distributor. Or visit <http://customer.honeywell.com>.

### Automation and Control Solutions

In the U.S.:

Commercial/Industrial Combustion Controls  
Honeywell  
1985 Douglas Drive North  
Golden Valley, MN 55422-3992

In Canada:

Honeywell Limited  
35 Dynamic Drive  
Toronto, Ontario M1V 4Z9  
[www.honeywell.com](http://www.honeywell.com)



## Choose Your SOLA Boiler Control

Item	HYDRONIC					STEAM	
	R7910A 1001	R7910A 1019	R7910A 1118	R7910A 1027	R7910A 1084	R7911A 1000	R7911A 1026
24Vac Control Circuit	•	•	•	•	•	•	•
24Vac Demand Input	•	•	•	•	•	•	•
24Vac Load Circuit	•		•				
120Vac Load Circuit		•		•		•	•
Modulation Output: PWM	•	•	•	•	•	•	•
Modulation Output: 4-20mA or 0-10Vdc	•	•		•	•	•	•
High/Low Fire Switch Inputs		•					•
Flame Rod Flame Detection	•	•	•	•	•	•	•
UV Flame Detection	•	•		•		•	•
Thermostat Input /Heat Anticipator			•		•		

## Interface Options

### S7999B1026, S7999B1067 System Operator Interface

Touchscreen interface for individual and multiple SOLA local/remote configuration, control, monitoring, diagnostics, trend analysis and building automation system router.

### S7999C1008, S7999C1016, S7999C1040 Local Operator Interface

Touchscreen interface for individual SOLA local/remote configuration, control, monitoring and diagnostics.

### S7910A1008 Local Keyboard Display Module

LCD interface for monitoring and setpoint adjustment of an individual SOLA control.

## Other Components

Connectors: 50032893-001 Connector Bag Assembly

Sensors: 10KOhm or 12KOhm NTC Temperature Sensors

Flame Detectors: Flame Rod or UV C7027, C7035, C7044

Control Transformers: AT72D, AT88A

## Typical Applications

The SOLA Boiler Control works with low mass and commercial boilers. Typical applications include apartment buildings, hospitals, retail complexes, schools, universities and office complexes.