

Universal Temperature Limit, Boiler Reset and Low Water Cut-Off – Residential



Model 3000

for gas-fired boilers

Three Function Control

- **Universal High Temp Limit**
- **Fuel-Saving Boiler Reset**
- **Low Water Cut-Off***

*When installed on Hydrolevel Electro-Well™



- **Saves Fuel**
 - On-Board Thermal Targeting™ technology reduces boiler temperature without sacrificing comfort (see Thermal Targeting on page 3)
- **Easy Dial-Type Set-Up**
 - Simply dial in the Temperature Limit and Economy Settings
- **LED Status Lights**
 - Displays which functions are active and which function is not allowing the burner to fire
- **LWCO Test Button**
 - Allows for easy testing without draining water or removing the sensor
- **Optional Thermal Pre-Purge**
 - Enhances fuel efficiency by purging standing heat from the boiler to the zone requiring heat prior to energizing the burner
- **Easy to Wire**
 - Includes wire harnesses for connecting to common transformer-style Control Centers or Integrated Boiler Control Modules
- **Replaces Common High Limit Aquastats***
 - Install HydroStat on existing immersion well – for temperature limit and boiler reset functionality, *or*
 - Install HydroStat on an Electro-Well™ – to add low water cut-off protection

Specifications	Model 3000	Model 3000-190
Input Voltage	24 VAC, 60 HZ	24 VAC, 60 HZ
Burner Contacts	50 VA@24 VAC Pilot Duty	50 VA@24 VAC Pilot Duty
Operating Range – High Limit	100°F (38°C) - 220°F (104°C)	100°F (38°C) - 190°F (88°C)

MODEL	VOLTAGE	DESCRIPTION/OPERATION
3000	24 VAC	Universal replacement high limit control with adjustable high limit for cold start gas boilers. Replaces smaller, single-function Aquastat* models. Features built in low water cut-off (when used with Hydrolevel Electro-Well™) and fuel saving boiler temperature reset technology. (Max temp 220°F for Model 3000. Max temp 190°F for Model 3000-190)
3000-190	24 VAC	

Patent No. 7,891,572; others pending *Aquastat is a registered trademark of Honeywell International, Inc.