Sage Zone Control

Makes a condensing boiler actually condense

FUEL SAVINGS
- Exclusive HeatMatch™ software calculates zone demand, and automatically adjusts maximum firing rates starting at low fire

BOILER PROTECTION
- Reduces short cycling – Extends life of heating system components

FAST INSTALLATION
- Plug & play – snap in RJ45 cable, no extra wiring needed
- Includes factory defaults for easy setup
- Control from boiler’s touch screen display – Access settings & adjustments – Monitor BTUs and cycle history

FOR ANY HYDRONIC HEATING SYSTEM
- Controls available for either circulators or valves
- Three-temperature versatility – Supports a mix of high & low heat radiation and/or indirect water heater

ADDITIONAL FEATURES
- Advanced switching relay for non-modulating boilers
- Supports extra relays for Burnham-brand boilers
- Advanced freeze protection
- Configurable primary circulator output
- Priority protection
- DHW post-purge
- Circulator exercise
- Interconnectivity with other zone controls
- Front external indicator lights
- Sealed relays
- Fuse protection
- ZC/ZR connections also available
- Universal thermostat compatibility
- Factory tested
- UL approved

The best choice for any touchscreen-equipped Burnham brand condensing boiler
Ultimate Fuel Savings & Boiler Preservation

Less over-firing and short-cycling means less boiler wear

Summed maximum firing rates for each zone on the coldest days

and

Actual, modulated firing rates on most other days

HeatMatch™ is Easy…

Factory pre-sets provide a quick and easy out-of-the box heating solution.

Custom zone control at your fingertips. Interact with zone control and efficiency information via the touchscreen on Sage2.2 (or newer)-equipped Alpine, K2, and Aspen boilers.

Sage Zone Control – Circulator Panel (104590-01) & Valve Panel (104589-01)

RJ45 (Cat 5) cable included

<table>
<thead>
<tr>
<th>Panel</th>
<th>Zones</th>
<th>Input Voltage</th>
<th>Max Output</th>
<th>Enclosure (inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Valve Panel</td>
<td>4 W/Priority</td>
<td>120/60/1 VAC</td>
<td>24 VA per zone, 40 VA per transformer</td>
<td>Width: 12-1/4, Height: 8, Depth: 3</td>
</tr>
<tr>
<td>Zone Panel</td>
<td></td>
<td></td>
<td>20 amps combined load</td>
<td>Width: 10-3/4, Height: 7, Depth: 2-3/4</td>
</tr>
</tbody>
</table>

- Valve panel pump end switches are rated 1/6 HP, 5 amps at 120 VAC
- Circulator panel relay connections (incl. ZC/ZR) rated 1/3 HP (6 FLA, 36 locked rotor amps - LRA) at 120 VAC
- All thermostat RWC connections supply a 24 VAC class 2 output
- All boiler/EnviraCOM 123 connections supply a 24 VAC class 2 output
- Main and priority end switch connections are rated at 24 VAC, 1 amp

Requirements for high efficiency condensing boilers
- Sage2.2/2.3 controller with version 3219.4716 or newer and LCD display; GT02r07 or newer, GT02L