

Sage Zone Control Circulator Panel

The key to making a condensing boiler actually *condense*



In most heating systems, standalone condensing boilers don't condense all the time. They operate at higher temperatures than necessary, and use more fuel than they need to.

The Sage Zone Control is an innovative product that lowers system operating temperatures and raises efficiency by constantly analyzing zone demand and adjusting boiler output accordingly.



Saves Fuel

Includes **EXCLUSIVE HeatMatch™** software

which calculates zone demand, measures supply water temperature, and automatically adjusts maximum firing rates starting at low fire (instead of high fire).

Protects the Boiler

Reduces boiler “short cycling” to extend the life of the heating system.

Three-temperature versatility is perfect for buildings with a mix of high and low heat radiation and/or an indirect water heater.

Installs Faster

Plug & play – Snap-in RJ45 cable eliminates labor for boiler wiring. Includes factory settings for easy setup.

Touch Screen (on the boiler) controls settings and adjustments and monitors BTUs and cycle history.

Easy setup! No high voltage (120V) wire prep needed for domestic hot water priority.

Additional features include:

- 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
- 4 zones, expandable to 16 zones with 4 zone controls
- Universal thermostat compatibility
- Factory-tested
- UL approved

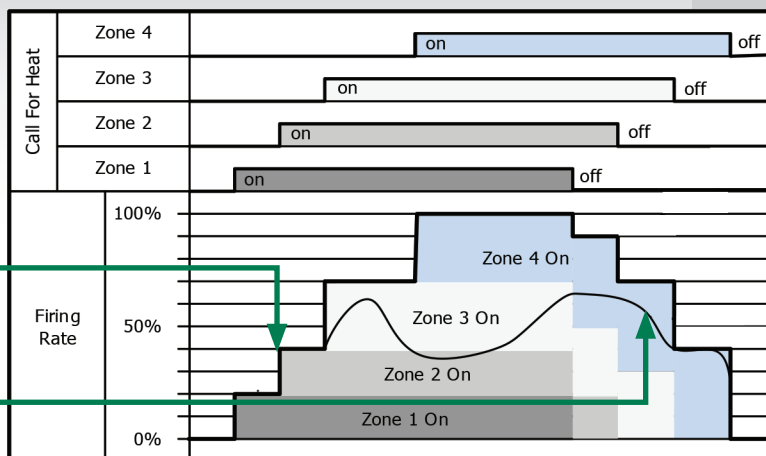
Immediate fuel savings & boiler preservation

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

Summed maximum firing rates for each zone on the coldest days

and

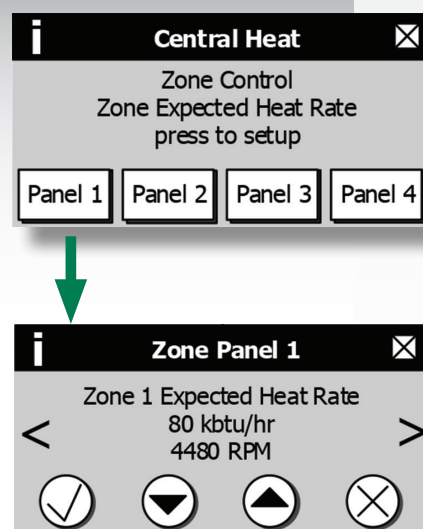
Actual, modulated firing rates on most other days



HeatMatch™ is easy...

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

Full zone control at your fingertips giving full custom control over the heating system. Interact with zone control and efficiency information via the touchscreen on Sage2.2-equipped Alpine and K2 boilers.



104590-01: Sage Zone Control Circulator Panel

RJ45 (Cat 5) cable included

Specifications

Number of zones: 4 with priority, expandable
Combined Load: 20 amps

Input Voltage: 120/60/1VAC

Type 1 Enclosure Dimensions: 10.75"W x 7"H x 2.75"D

- UL listed, file E160793 (model SR504-EXP-SS-4)
- All circulator relay connections (inc. ZC/ZR) rated 1/3 HP (6 FLA, 36 locked rotor AMPS-LRA) at 120 VAC
- End switch connections are rated at 24 VAC, 1 amp
- All thermostat RWC connections supply a 24 VAC class 2 output
- Boiler/EnviraCOM 123 connections supply a 24 VAC class 2 output

Requirements for high efficiency condensing boilers

- Sage2.2 controller: Version 3219.4716 or newer and LCD display, GT02r07 or newer