



Manufacturers & Distributors of Electronic Heating & Smoke Controls

Smoke Watchman Calibration Setup

1. Set cell adjustment to #5.
2. Set light adjustment to #10. Then slowly move knob to a lower number until buzzer starts. Now move knob very slowly to a higher number until buzzer stops.
3. For finer adjustment, place supplied Ringlemann Filter in front of Cell Unit Photocell. Then slowly turn cell adjustment ***clockwise*** until alarm stops. Then slowly turn cell adjustment ***counter-clockwise*** until alarm starts. Remove filter and alarm should stop. The Smoke Watchman is now calibrated for #1 Ringlemann or 20% obscurity.

When the Smoke Watchman is installed as per the included manufacturers installation and calibration set up instructions, the controlled boiler will shut down when the measured smoke obscurity within the boiler's breeching reaches 20% obscurity (#1 Ringlemann Scale) or greater for 2 minutes. The Smoke Watchman will also sound a visual and audible alarm inside and outside the boiler room until the control panel is reset.