

Calibrating the LBW-420 or LBW-420-1 unit. Power light, digital display...reads 0P, which means 0 PPM. Early warning light, amber lamp. Alarm light, red lamp, blinks when in alarm mode. For calibration, there's the rotary switch, a jumper, up and down buttons, and an enter button. Also, there's a service switch. We will place the unit into service mode. This de-energizes the relays so we can do the calibration without changing the relay status. Unit will flash between 0P and SEr, showing that we're in service mode. We'll place the rotary switch to number 9, it'll read a value. We will put the jumper in and that value is now zeroed out. We are ready to calibrate. For calibration, we will use a 100 PPM test bottle. This unit is set for 100 PPM on the alarm setpoint, and you calibrate to your alarm setpoint. Remove the top. Wipe off the mouth of the test bottle, and place the test bottle completely over the sensor. We will wait for the unit to stabilize. The light tree is lighting up; the digital display is going up. We want the digital display to match the 100 PPM test bottle. Pretty much stabilized right now. We need to go up. In order to go up, I will be pushing the up button. If I go over my value of 100 PPM, I will push the down button until I get to 100 PPM. At that point, I will then enter. Pushing the down button. You should try to get the unit to within 1 PPM of the 100 PPM. Enter. Remove the test bottle. We see the light tree is cleared out; we are back to 0P. Remove the jumper, turn the rotary switch to 0, and put the unit back into normal mode. This completes the calibration of the LBW-420 or 420-1.