

Calibrating a Remote CXT mounted at the ceiling

Procedure to Perform ZERO and SPAN Calibrations

1. To enter the CAL MODE from either data display, press the DOWN / CAL key and within 5 seconds press the EDIT key.
2. Attach a cylinder of ZERO gas to the tubing or be sure there is no background target gas in the monitored area. After the reading is stable, (1 to 2 minutes) press the EDIT key to perform a ZERO calibration.
3. If the ZERO calibration is successful, press the NEXT key to proceed to the SPAN check.
4. Apply the correct SPAN gas at 0.5 LPM for 1 to 2 minutes, making sure the zero air has been flushed out. After the reading is stable, press the EDIT key to perform a SPAN calibration.
WARNING: The SPAN gas used must match the Cal Span Value specified in the CXT. The Cal Span Value may be edited if it becomes necessary to apply a different SPAN gas concentration.
5. If the SPAN calibration is successful, the display flashes "REMOVE CAL GAS" and starts the CAL PURGE delay.
6. CAL MODE will be complete after the end of the CAL PURGE delay.
7. When tubing is clear of residual span gas*, attach a filter fitting to the end that was attached to the gas cylinder to protect it from clogging or other potential damage and coil or roll it up securely out of the way.



The calibration adapter is screwed onto the end of the remote sensor.

The standoffs create space for the gas to pass over the sensor.

The calibration tubing is attached to the nozzle.

