

**TECHNICAL  
INFORMATION**

In the interest of continuing product improvement, we reserve the right to change models, specifications, and/or features without prejudice.

PROJECT: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 ARCHITECT: \_\_\_\_\_  
 ENGINEER: \_\_\_\_\_  
 CONTRACTOR: \_\_\_\_\_  
 DATE: \_\_\_\_\_ SALES ENGINEER: \_\_\_\_\_



# Commercial Calibration Guide



\*Gas Sold Separately\*

The Macurco 6 & 12 Series detection family requires routine testing and calibration. Each detector has a corresponding testing/calibration kit to test and calibrate the detectors in the field. Sensors may drift over time, so it is recommended to have a maintenance plan to ensure detectors responding to gas appropriately. A gas calibration is the process of exposing a sensor to a target gas at a specific concentration and then adjusting the gas detector to read that gas concentration properly. Macurco recommends testing and calibration at a least once per year at a minimum but depending on the application and risk potential of the application a greater frequency might be needed. Check with local authorities for any specific local regulations.

## Calibration Video Sensor Replacement Video

Calibration Kit	Includes
Cal-Kit	Calibration Case, Tygon Tubing (2'), Cal Hood Pack, 0.2LPM Regulator (F)

\*Must use NIST traceable gas for calibrations

Model	Gas Type	Includes	Used With
FDS-CAL-GAS-CO	Carbon Monoxide	Carbon Monoxide CO Cal Gas Aluminum Cylinder 34L 200 ppm (F) - Bump/Calibration	FDS-RS-CM-6, FDS-SA-CM-12, FDS-RS-CX-6, FDS-SA-CX-12
FDS-CAL-GAS-NO2	Nitrogen Dioxide	Nitrogen Dioxide NO2 Cal Gas Aluminum Cylinder 34L 5 ppm (F) - Bump/Calibration	FDS-RS-TX-6-ND, FDS-SA-TX-12-ND, FDS-RS-CX-6, FDS-SA-CX-12
FDS-CAL-GAS-CH4	Methane	Methane CH4 Cal Gas Cylinder 34L 10% LEL (M) - Bump/Calibration	FDS-RS-GD-6, FDS-SA-GD-12