

June 7, 2017

## CETCI Calibration Clip Leaves Both Your Hands Free!

At Critical Environment Technologies Canada Inc, (CETCI), we strive to be innovative, cutting edge and creative in our endeavors to fulfill our customers' needs. Our latest testament to this is our newly designed calibration clip (or 'Cal Clip' as it is called for short). It has been an exciting few months as we have gone through different designs, prototypes, various types of plastics and calibration testing.

Remember the last time you calibrated one of our gas detectors that had a splash guard? The blue or orange calibration adapter cup that you had to hold with one hand over the splash guard while trying to open the gas cylinder with the other, flow gas and keep the cup snug up against the device? And depending on the location of the detector, acrobatics may have been involved, right? Well, those days are gone!

Our engineers have designed a device that easily clips around the splash guard and remains in place by itself, freeing up BOTH your hands to do what they need to do. Perhaps even give a high five to a coworker!



The Cal Clip is made of light, durable ABS/polycarbonate plastic and comes in our signature blue company colour. It is specially designed to allow calibration gas into the sensor vent through a small barb hose fitting attached to standard or Teflon tubing. The barb hose fitting can accommodate two sizes of hose: 1/8" (3.175 mm) ID and 3/16" (4.762 mm) ID. While stored, the tubing can be left attached or removed from the Cal Clip as desired.

The Cal Clip fits around the circular, black splash guard that is factory installed at the time of order on any of our black enclosure gas detectors or self-contained controllers. With the hose barb fitting at the bottom, pointing towards you, simply place the inside edge of the Cal Clip next to the outer edge of the splash guard and gently flex open the top of the other side outwards until it slips and clips around the entire splash guard. To remove, gently open the clip at the top while pulling one of the hooked ends towards yourself and it will slip off. If you pull the device apart too aggressively, overstretching it, the



# Product Bulletin

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circular formation of the Cal Clip may be compromised. Evidence of this results in whitish bars appearing on the blue plastic (like stretchmarks).

**NOTE:** *Because the Cal Clip is designed to prevent entry or exit of air except via the hose barb fitting, it must be removed from the splash guard during normal operation or else the gas readings will not be accurate.*

## **About Critical Environment Technologies Canada Inc.**

Critical Environment Technologies designs and manufacturers indoor air quality and fixed gas detection systems including self-contained systems, controllers and analog and digital transmitters. Applications include commercial HVAC, institutional, municipal and light industrial markets worldwide. Many of these applications are for vehicle exhaust, but areas of specialization include refrigeration applications, food processing plants, manufacturing plants, wastewater treatment plants, fisheries, wineries/breweries, pulp and paper mills, recreational facilities, bakeries, greenhouses, and many more.

For more information about our products, check out our website at [www.critical-environment.com](http://www.critical-environment.com) or to discuss a tailored gas detection solution for your application, contact us at 1-877-940-8741.

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