Critical
Environment
Technologies™

OPTIONS &
ACCESSORIES

This Splash Guard is an optional accessory that can be added to many CETCI gas detectors to make the enclosure water and dust tight in wash down or water spray environments. We recommend a Splash Guard be used to protect the sensor where spray down of equipment is a common occurrence. The Splash Guard is factory installed over the sensor vent on the front of the enclosure to protect the sensor to exposure to water, and dust. The fluted edges on the underside allow a more open area through which gas can permeate and the ridges provide a multi-step barrier through which water cannot penetrate and reach the sensor. With the Splash Guard installed, the enclosure meets IP54 standards.

During calibration, a special calibration clip (p/n: CET-SGC) is available for use with the Splash Guard to ensure a successful calibration.

The Splash Guard may slow down the response time of the sensor during calibration, however most sensors accurately detect gas with the Splash Guard installed. A few exceptions are: Chlorine (Cl_2), Chlorine dioxide (CLO_2), Ozone (O_3), Hydrogen chloride (HCl), Hydrogen cyanide (HCN), and Phosphine (PH_3) sensors. These are considered to be "sticky gases" that adhere to this Splash Guard and the enclosure vent instead of flowing freely through to the sensor. Therefore, the sensor is not able to accurately detect gas. Units with sticky gas sensors may be ordered with the Splash Guard for sticky gases (Option -SN).

KEY FEATURES

» Protects sensor and interior of enclosure from water and dust
» When installed, enclosure is IP54 rated
» Ideal for washdown, water spray, wet environments or outdoor applications
» Factory installed

APPLICATIONS

» Food Processing Plants
» Wineries and Breweries
» Wastewater Treatment Plants
» Meat Processing Plants
» ... and many more

TECHNICAL SPECIFICATIONS

MECHANICAL

Material	ABS/Polycarbonate blend, injection molded
Size	54 mm dia x 9.3 mm thick 2.13 inches dia x 0.37 inches thick

CERTIFICATION

Device is rated IP54 with splash guard installed. Provides protection from dust that may harm the equipment and protection against water spray from all directions.

CET COMPATIBLE PRODUCTS

CGAS-A and CGAS-D Gas Detector (except sticky gases, NO_2 and $CO+NO_2$)

CGAS-A-VLT-NH3-S Ammonia Vent Line Transmitter (included)

LPT Low Power Transmitter (except CL_2)

LPT-P Car Park Digital Transmitter

LPT-M Modbus® Transmitter (except sticky gases)

LPT-B BACnet® Transmitter (except sticky gases)

SCC Self Contained Controller

DCC Dual Channel Controller

ESH-A Remote Sensor

PRODUCT CODES

OPTION *(Factory installed) Add at the end of the product "Part Number".*

S	Splash Guard

ACCESSORIES

CET-715A-CK1	Calibration Kit for 17, 34, 58, 74, 100 L cylinders, 0.5 LPM flow regulator & adapter to fit 17 L cylinder
CET-SPG	Calibration clip for splash guard

Rear view

Water splash in

flow

Side view

Water splash out