



MicroCAT®

• F L O O D E D •



Model no. CTL-200

Battery Technology Flooded

Application Stationary

Usage Zero gassing vent for 2V cells up to 3000ah¹

ZERO WATER LOSS, ZERO GAS HYGROSCOPIC CATALYST VENTS FOR FLOODED BATTERIES



The CTL-200 catalyst, part of the MicroCAT catalyst range, is specially designed for flooded lead acid batteries used in stationary applications.

The CTL-200 efficiently recombines Hydrogen and Oxygen back into water before it leaves the cell. The result is that the battery becomes virtually maintenance free while hydrogen gas emissions are all but eliminated.

The CTL-200 features a low pressure, 2-way vent system, which seals the cell allowing gasses time to be recombined efficiently while providing overpressure and vacuum protection. This turns a standard flooded cell in to a (flooded) valve regulated cell.

The principle of hygroscopic absorption is used which eliminates the need for large external condensing surfaces. This allows the CTL-200 to be efficient while maintaining a low profile.

Safety is important so the CTL-200 is designed to be intrinsically safe in events of unintended overcharge. A combination of a self-limiting catalytic core and ultra-high temperature materials ensures the catalyst remains safe in all conditions.

- Over 99% effective to recombine gasses back into water vapour.
- Utilizing the hygroscopic environment of the cell, not condensation.
- Capable of neutralizing hydrogen sulfide, stibine, arsine and amines.
- Self-limiting catalytic design to prevent damage to the unit or the cell.
- Significant reduction in dangerous gasses and lower ventilation costs.

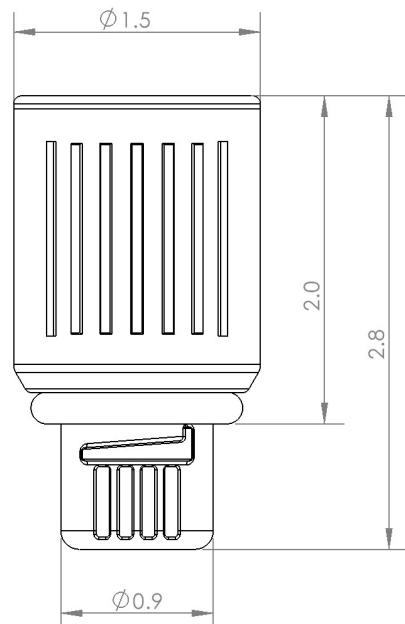




TECHNICAL SPECIFICATIONS - CTL-200

| | |
|--------------------------|--|
| Recombination Rating | 65.2 +/- 5.0 cc/min H ₂ & O ₂ |
| Max Internal Temperature | 93°C (200°F) |
| Max External Temperature | 260°C (500°F) |
| Body Materials | Non Hygroscopic, High-Impact, High-Temperature Polymer |
| Dimensions | |
| Diameter | 38.1mm (1.5") |
| Height Above Vent | 50.8mm (2.0") |

* Dependant on alloy, temperature and float volta.



FOR PRICING INFORMATION FOR THE AMERICAS PLEASE CONTACT OUR MASTER DISTRIBUTOR - BATTERY RESEARCH & TESTING INC. AT INFO@BATTERYRESEARCH.COM, OR 1+315-342-2373.



FOR PRODUCT SPECIFICATIONS, USER GUIDES AND FURTHER INFORMATION PLEASE VISIT:

[HTTPS://WWW.PHLSCI.COM/PRODUCT-LINES/MICROCAT-CATALYST/](https://www.phlsci.com/product-lines/microcat-catalyst/)

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