



BrewOps

Purge installation guide
v1.2

What's included with your BrewOps Purge?

1 Purge Sensor

2 1.5" tri clamp & EPDM gasket

3 Reducing elbow adapter



Purge sensor overview

1 UV rated polycarbonate top cover with clear RGB LED lens

2 316 stainless steel base



3 Oxygen sensor membrane*



***DO NOT CLEAN USING ALCOHOL BASED SANITIZERS, PERMANENT DAMAGE WILL OCCUR. WIPE CLEAN USING 3% H₂O₂ ONLY!**

Fully assembled Purge kit



1 1.5" tri clamp connection to brite tank CIP arm

2 Reducing flange ensures positive pressure against the Purge sensor membrane without over pressurizing tank. Also acts to reduce gas turbulence for a more efficient CO₂ purge.

Purge sensor battery replacement process



1 Remove the top cover by carefully twisting off



2 Remove the battery retaining clip



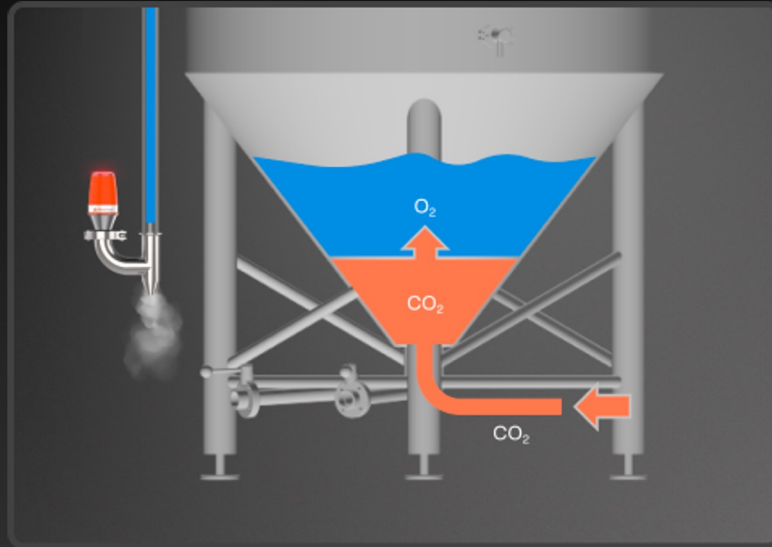
3 Remove the battery by pulling forward and down from the top



4 Insert a fresh battery¹⁾, reinstall the retaining clip and cover

1) Take care when purchasing, online distributors add significant markup and may not have fresh supplies. If you decide to purchase through BrewOps, we guarantee a full charge, at a fair price.

O₂ purge for brite tanks – Purge installed on CIP arm while CO₂ is filled from the bottom



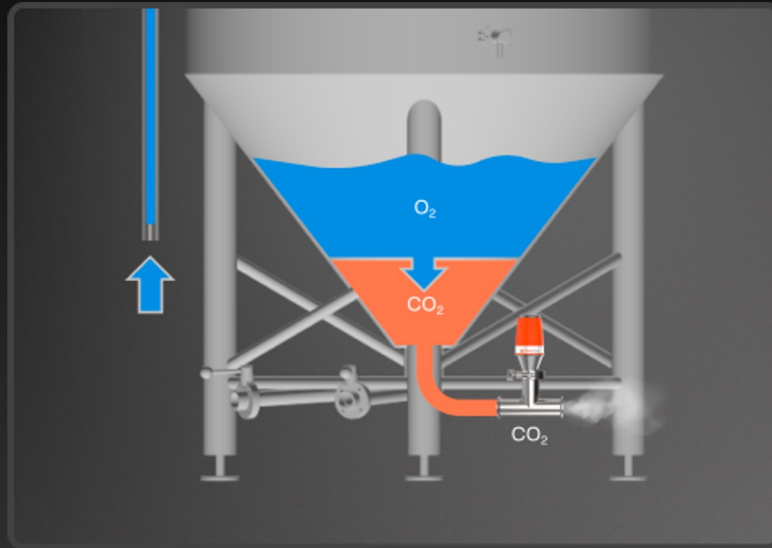
Blink Pattern

- 1x blink – O₂ > 100 ppb
- 1x blink – O₂ < 100 ppb
- 2x blink – O₂ < 30 ppb

LEDs on the purge blink according to oxygen levels

Purpose: Ensures O₂ is removed prior to brite beer transfer, decreasing chances of unwanted dissolved oxygen pickup

CO₂ purge for tanks – Purge installed on drain while compressed air is filled top down



Blink Pattern

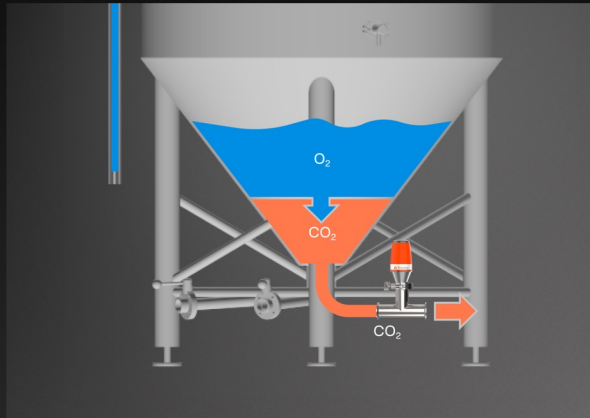
- 1x blink – O₂ < 15%
- 1x blink – O₂ > 15%
- 2x blink – O₂ > 20%

LEDs on the purge blink according to oxygen levels

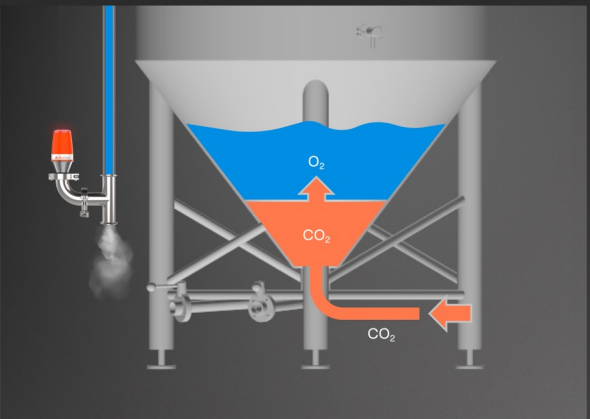
Purpose: Ensures CO₂ is removed prior to caustic cleaning, decreasing changes of dilution and tank damage

Annualized savings when including Purge into your SOP

Compressed Air Purge



CO2/Nitrogen Purge



Savings Calculator

Details	Micro	Regional	Typical ranges
Tank size (avg.)	20 bbl	80 bbl	1 to 120 bbls
CO2 purges	3 x monthly	5 x monthly	1 to 10 purges per month
Oxygen purges	2 x daily	4 x daily	1 to 4 tank CIPs per day
Savings	\$	\$\$\$	Additional benefits
Energy use reduction	\$540	\$2,592	reduced maintenance
Reduced CO2	\$33	\$360	environmental savings
Reduced caustic	\$720	\$1,440	increased cleaning efficiency
Reduced water waste	\$804	\$6,428	increased caustic effectiveness
Labor savings	\$101	\$360	increased brewer efficiency
Total Annual Savings:	\$2,197	\$11,180	

Questions?

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