

CATALYTIC CARBON MG

PFAS Capture & SuperOxy Regeneration

ADSORB

HOLD

DESTROY & REGENERATE*



01 ADSORB

PFAS are captured on Catalytic Carbon MG.



02 HOLD

Captured PFAS remain on the media until regeneration.



03 REGENERATE

SuperOxy treats the saturated media during the regeneration cycle.



THE CATALYTIC MEDIA

- Carbon substrate
- Zero-valent iron coating
- Magnesium-containing outer coating

Coating architecture described by Watch Water.



SuperOxy

- Regeneration of saturated media
- Used with Catalytic Carbon MG
- Advanced Oxidation Process

Watch Water regeneration technology.



WATCH WATER-REPORTED LABORATORY RESULT

UP TO 100% PFAS DESTRUCTION*

Reported following SuperOxy regeneration of PFAS-saturated Catalytic Carbon MG.

*Manufacturer-reported result. Analytical report and fluorine mass balance have not been reviewed for this concept poster. Not a guarantee for every PFAS or water composition.



PERFORMANCE TO DOCUMENT

PFAS loading • Residual PFAS • Fluoride balance
Regeneration conditions • Recovered adsorption capacity

WATCH WATER® TECHNOLOGY INSIDE THE VESSEL

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