

ET Summit 2024

Presented by



CarbinX[®] Carbon Capture Technology

CarbinX[®]

CleanO2[®]

Jaeson Cardiff
CEO/Founder
Clean O2

Anoushka Cholakath
Energy Engineer
ICF



What is CarbinX®



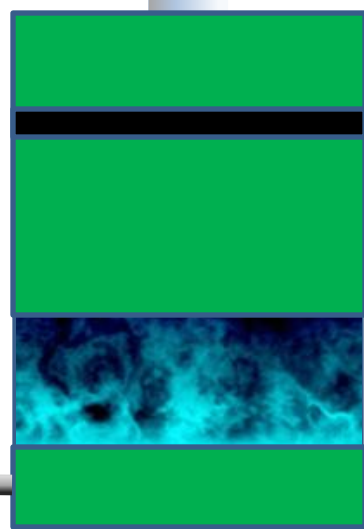
How Does It Work?

CarbinX[®]

➔ LESS

Carbon dioxide
Waste heat

- Natural gas
- Propane
- > 240,000 Btu/Hr



Boiler

Reduced water
temperature
differential

40°C/104° F

Hot
water
supply

Cold
water
return

Hot flue
gas and
carbon
dioxide

Heat and
carbon
dioxide
reduced

- Soap
- Detergents
- Commercial
cleaners
- Textiles
- Fertilizer

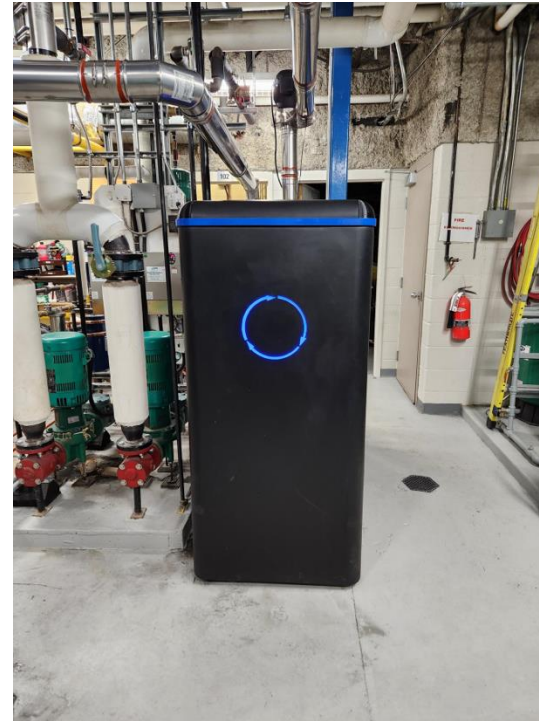


Potassium
Carbonate

A Few of the Units Currently in Operation



A Few of the Units Currently in Operation



A Few of the Units Currently in Operation

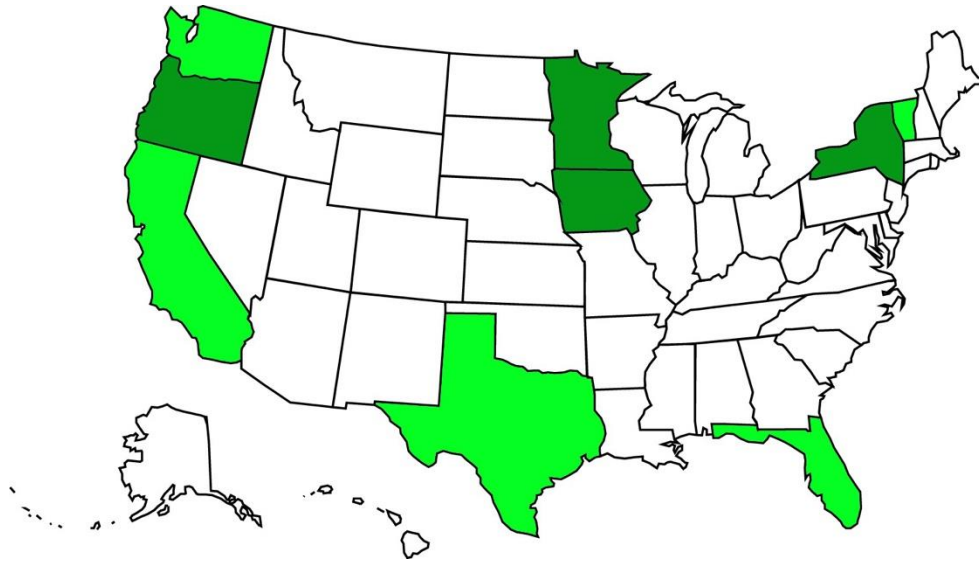


**Grayslake
Central**



Partnerships

US NATURAL GAS UTILITY PARTNERSHIPS



CANADIAN NATURAL GAS UTILITY PARTNERSHIPS



Manufacturing and Distribution



SPX group signed North American Testing and Validation Agreement and NDA; have purchased the first of four units to train employees



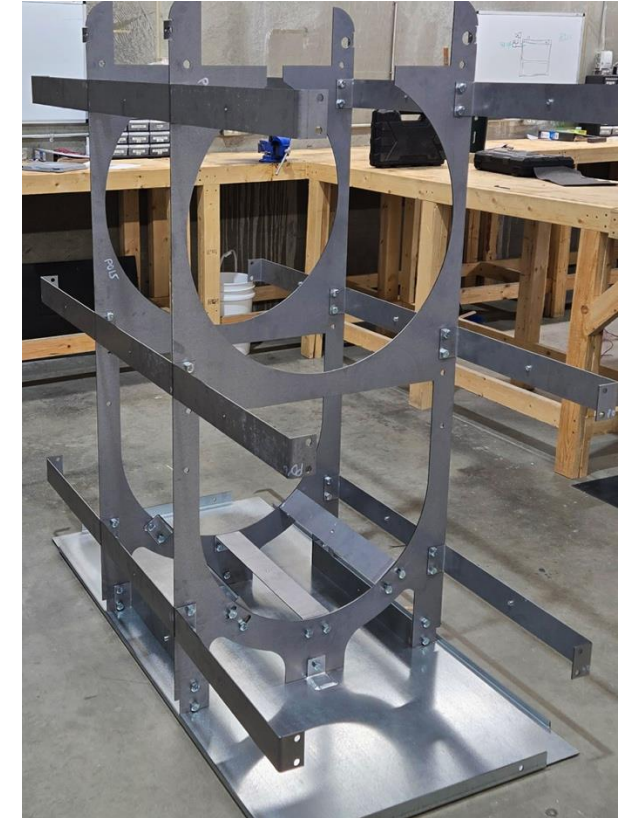
Partnered with Tokyo Gas to distribute CarbinX units and CleanO2 consumer products

Planned GET Project

- Installation of one CarbinX Version 3.4 unit, modified for outdoor use for a pool heater
- When the pool heater is not operational, the CarbinX unit will function as a direct air capture (DAC) device



Outdoor Pool Heater



Unit in manufacturing stage

This project was conducted through the ICF implemented, SoCalGas administered California Statewide Gas Emerging Technologies Program.

The project report can be found on cagastech.com

For more information, contact get@caenergyprograms.com

Jaeson Cardiff

CEO/Founder

CleanO2

Jaeson@cleano2.ca

Cleano2.ca

The logo for CleanO2, featuring the text "CleanO2" in a bold, blue, sans-serif font with a registered trademark symbol.

Anoushka Cholakath

Energy Engineer

ICF

Anoushka.Cholakath@icf.com

www.cagastech.com



Resources:

- www.Carbinx.com
- www.Cleano2.ca
- www.cagastech.com