

Carbon Dioxide Scrubber

High Efficiency • Made in USA



TUFF CO₂ Scrubbers are built to take the demands of your Controlled Atmosphere storage.

Key Features

- 2 – 3 year pay back over the use of Hydrated Lime
- Scrubbers come in a wide range of sizes but can also be custom sized per application
- CA Storage Rooms can be individually programmed for optimal fruit storage conditions
- Virtually zero oxygen feedback

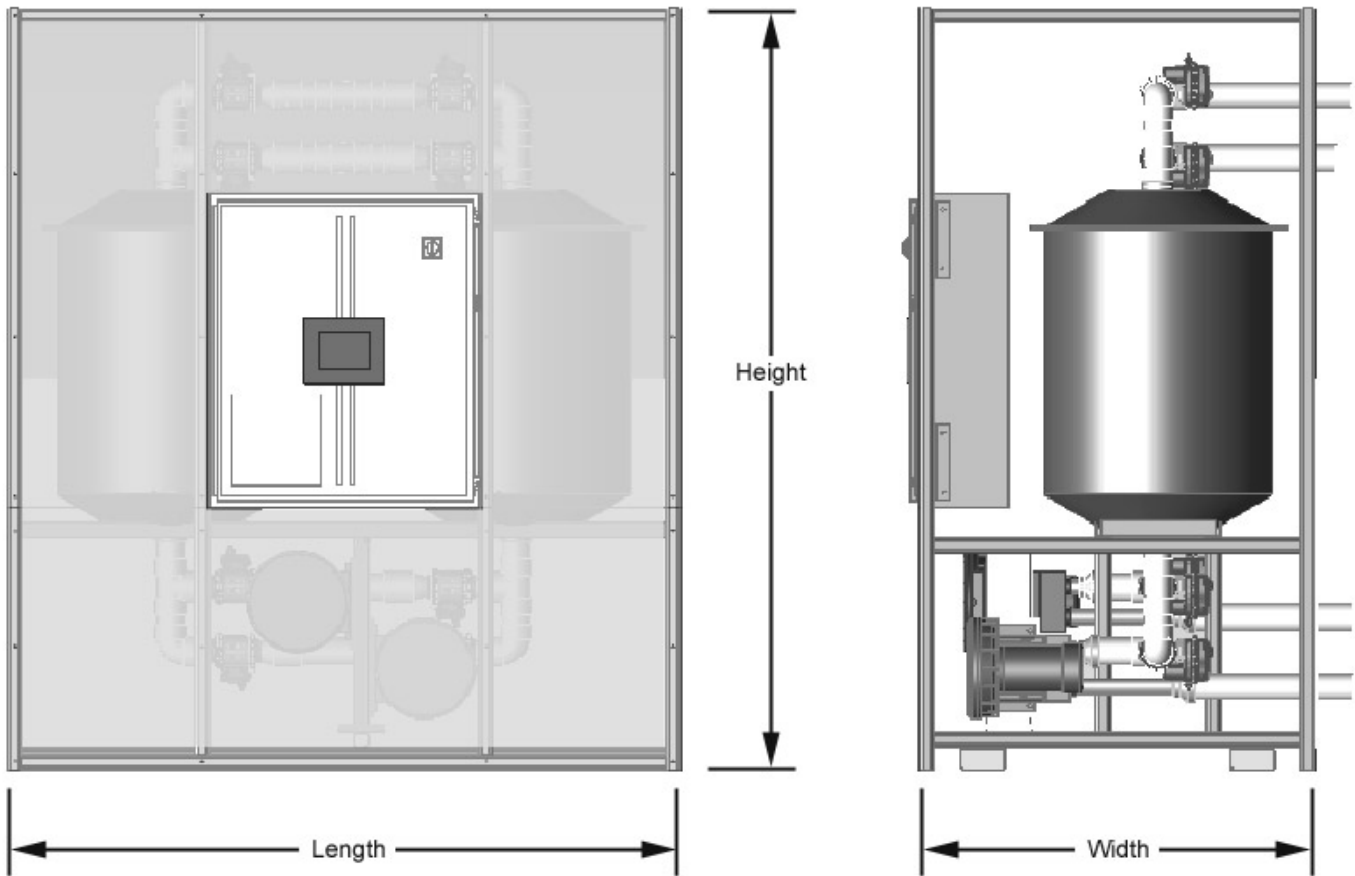
Benefits of a Tuff CO₂ Scrubber:

- Energy efficient, with VFD controlled blowers that maintain an optimal flow rate through twin optimized activated carbon beds
- Custom designed “Y” and “Y-90” fittings to improve flow rates that also reduce head pressure on the blower, thus reducing energy consumption
- Room Pressure Testing capabilities
- Capable of controlling O₂ and interfacing with a nitrogen generator
- Designed to provide an unnoticeable rise in O₂ levels as it runs
- Scrubber automatically adjusts cycle times based on CO₂ concentrations to improve energy efficiency and make it easier to control CA set points
- Uniform absorption through entire carbon bed
- Color operator interface
- Internet accessible with the ability to remotely monitor, change set points, and troubleshoot
- History logging of CO₂ and O₂ levels, run time, alarms, and capacity ratio
- Custom controls can be customer specified and interfaced to any existing equipment
- UL approved electrical panel
- Fast delivery
- Unbeatable quality yet competitively priced
- 24-hour technical phone, on site, and internet support
- Designed and built in the USA

Other Tuff Products Available:

- Water Meters
- Pressure Reliefs
- Service
- Specialty Equipment
- Nitrogen Generators, PSA and Membrane
- Gas Analyzers, O₂, CO₂, Ammonia
- CA controllers (Atmosphere and Temperature)
- Installation





Model	Scrubbing Capacity	Length x Width x Height	Weight
TCS-200	300Kg CO ₂ /24Hrs @ 3% 200Kg CO ₂ /24Hrs @ 1.5%	90" x 55" x 87"	3,400 lbs
TCS-400	550Kg CO ₂ /24Hrs @ 3% 400Kg CO ₂ /24Hrs @ 1.5%	90" x 55" x 95"	4,000 lbs
TCS-600	800Kg CO ₂ /24Hrs @ 3% 600Kg CO ₂ /24Hrs @ 1.5%	102" x 64" x 96"	5,500 lbs
TCS-700	900Kg CO ₂ /24Hrs @ 3% 700Kg CO ₂ /24Hrs @ 1.5%	126" x 71" x 92"	6,700 lbs
TCS-900	1100Kg CO ₂ /24Hrs @ 3% 900Kg CO ₂ /24Hrs @ 1.5%	155" x 68" x 101"	7,900 lbs

Notes:
