

Your answer to a **reliable** CO₂ supply



Introducing: Skytree Cumulus

Ideal for small-scale applications

Reliable and guaranteed supply

Stable pricing

Seamless integration

Emission-reducing



A **new era** of CO₂ generation

www.skytree.eu

Skytree Cumulus features

Our Skytree Cumulus uses a fixed filtration system and produces up to 20kg of CO₂ per day per unit – ideal for small-scale applications.



Clean

A clean and reliable source of carbon dioxide.

Independent

On-site solutions for securing CO₂ directly from the atmosphere.

Affordable

A low cost per ton, paired with low energy consumption.

Two ways to get involved

Buy or lease to gain all the benefits of a low price per ton paired with low energy consumption.

Buy

Own the next generation of CO₂ supplementation.

Lease

Enjoy the benefits by leasing a Skytree Cumulus system for 4 or 6 years.

Skytree Uptime Assurance

A comprehensive service and maintenance package for guaranteed uninterrupted CO₂ generation.

- ✓ Monitoring & Alerting by Skytree
- ✓ Filter replacements
- ✓ Preventive maintenance
- ✓ Corrective maintenance
- ✓ Next-gen technology upgrades



**UPTIME
ASSURANCE
GUARANTEE**

Skytree Cumulus system

1. Main unit

Captures up to 20 kg (44 lbs) of CO₂ daily from ambient air.

2. Control unit

Scale by connecting up to three main units per control unit.

3. Storage tank

Stores CO₂ and integrates with your existing system.

Skytree Cloud

Enables 24/7 monitoring and real-time insights.



System specifications

Space required	Height: 2.5 m (8.2 ft)	Width: 2 m (6.56 ft)	Depth: 2.5 m (8.2 ft)
CO₂ capture	20 kg (44 lbs) CO ₂ per day		
Energy consumption	4 kWh per kg of CO ₂		
Optimum temperature	5-30°C (41-86°F)		
Optimum humidity	10-80% relative humidity		
Rating & certificates	IP21, CE		

Main unit

Dimensions	Height: 0.87 m (2.9 ft)	Width: 1.4 m (4.6 ft)	Depth: 2.1 m (6.9 ft)
Weight	700 kg (1550 lbs)		
Peak power	40 kW		

Control unit

Dimensions	Height: 1.6 m (5.3 ft)	Width: 1.01 m (3.3 ft)	Depth: 1.5 m (5 ft)
Weight	650 kg (1450 lbs)		
Peak power	10 kW		

Storage tank

Tank size is dependent on CO₂ production. Let us know if you'd like to be referred to our preferred suppliers. Minimum storage tank requirements are as follows:

Minimum storage tank requirements¹

Capacity	1500 L (400 gal)
Pressure	Up to 10 Bar (145 psi)

1. Larger capacity tank can be selected.