GEN 2000

Reach in Plant Growth Chamber

CONVIRON®

"With up to five tiers and double the growth space of the GEN1000 - the GEN2000 delivers extreme temperature and light intensity for a wide range of research."

Grow more. Discover more. All in one chamber.

NEW

Ultra High Light Intensity
Light intensity as high as 2,050 µmols/m²/sec approximating equatorial and summer maximums

NEW

Ultra Wide Temperature Range
4 to 45°C lights off and 7 to 50°C lights on - ideal for climate change research and stress tolerance

NEW

Lighting Protection
IP65 rated lights provide high resistance to dust and water - enhancing longevity and improving safety for staff

1 Tier Option

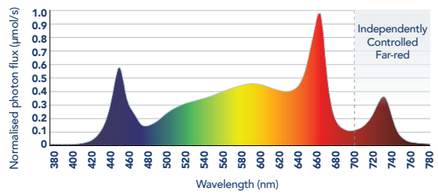
NEW

Optional Low Temperature
Conduct cold weather research to +2°C lights on/off

High Humidity
The GEN2000 features optional high relative humidity control up to 90%

NEW

Broad Spectrum
Energy saving LEDs with optional far-red



Communicate Remotely
With our latest CMP7000 controller and Conviron*Direct* - you can manage your chamber from anywhere on your laptop or phone

Need More Growth Space?

Add up to 5 tiers:

With its unique ability to adapt to different research applications, the GEN2000 offers an economical and flexible solution for extending your research possibilities.

2 Tier

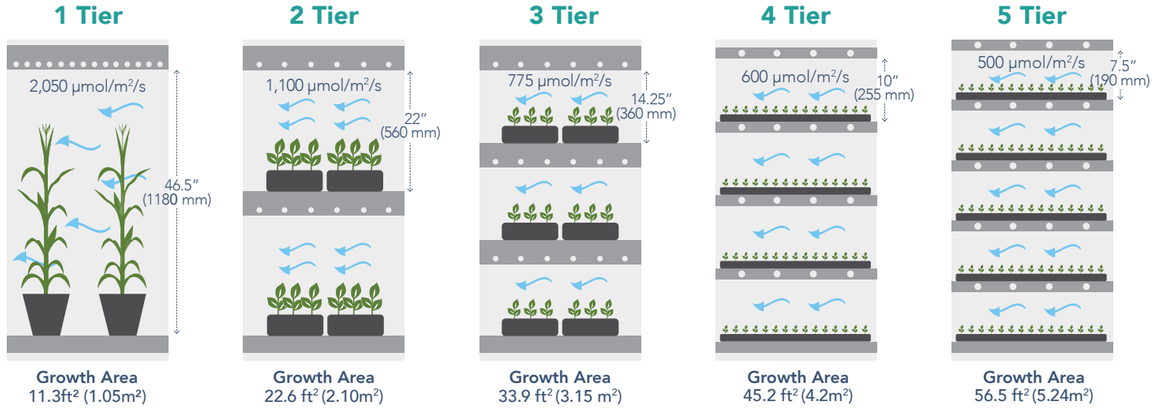
3 Tier

4 Tier

5 Tier

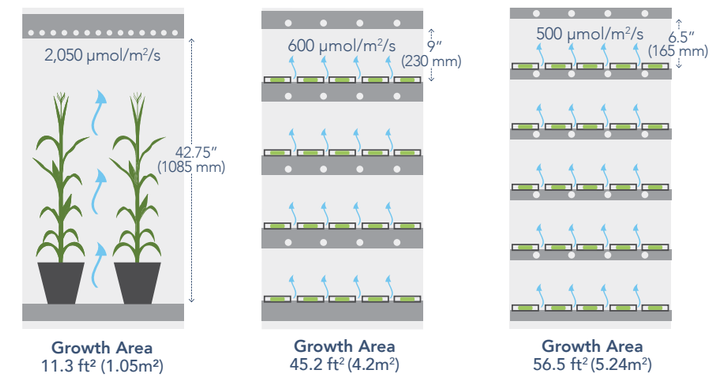
"Engineered to push boundaries, the GEN2000 delivers extreme temperature and light control across a spacious, multi-tiered chamber. Whether you're working with tall or short plants, tissue culture, seed storage, entomology, algae or phytoplankton, it adapts effortlessly to your evolving research needs."

Select up to Five Tiers



Specialized Kits

Tall Plant, Single Tier | **Tissue Culture**



Why Choose a Specialized Kit?

Also available are three specialized kits for the GEN2000. Choosing from one or more upward airflow kits can be advantageous for both tall plant and tissue culture applications.

For tall plants, upward airflow can minimize microclimates, especially around dense foliage. For enhanced tissue culture applications, upward airflow can minimize condensation on petri dishes and culture jars, supporting sterile conditions and clear visibility.

Precision Starts Here

Precision Growing Starts with your control system. The GEN2000 and every Conviron chamber comes equipped with our most advanced control system – the CMP7000. What sets the CMP7000 apart?

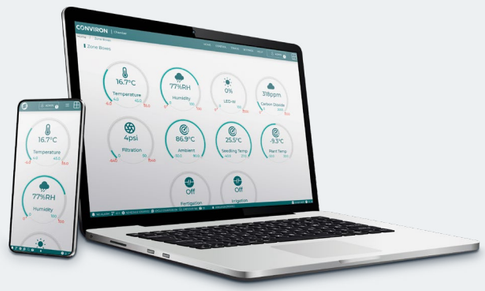
Intuitive Interface
7" full-color, high resolution touchscreen with intuitive graphic interface for easy navigation.

Easy Programming
Extended visibility of multiple timelines and processes.

At-a-Glance Monitoring
Historical trend graphs, vibrant alarm status, and easy-to-track alarm history.

Remote Connect
Option to connect from anywhere on your laptop or any LAN connected device with Conviron*Direct*.

With ConvironDirect I always have access to my chamber — from anywhere.



Extend Your Capabilities with These Options

- UPS surge protection on power supply
- Observation window to ease viewing
- Phenolic-coated refrigeration coil for entomology applications
- Dehumidification
- Condensate pump and drip pan
- Low temperature operation
- Water-cooled condensing unit
- Ultrasonic humidification to 90%RH lights off
- Additive CO_2 and control

Why Conviron?

Founded in 1964, we are the only manufacturer singularly focused on the technology and science of plant growth in controlled environments.

90+
Countries

90%
of Clients Highly Recommend Conviron

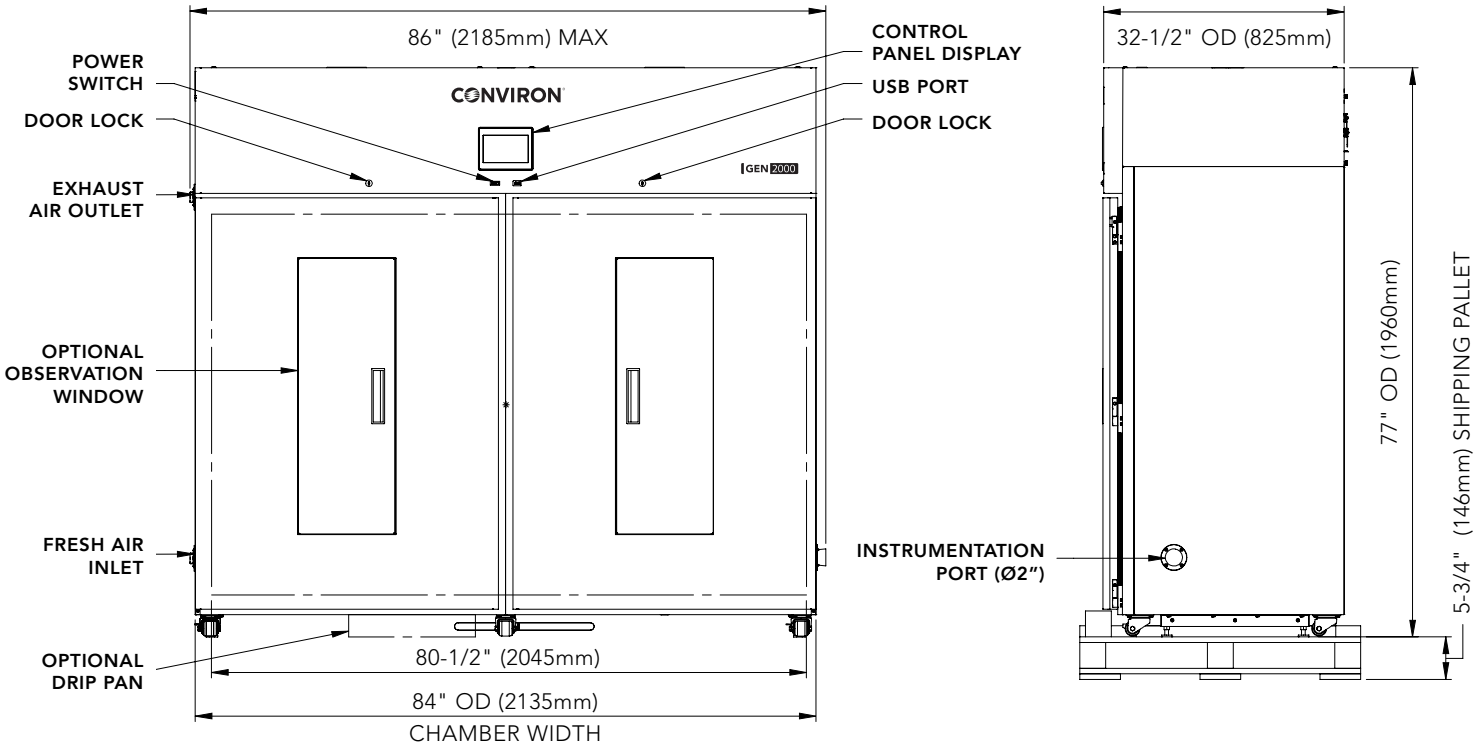
20,000+
Cabinets & Rooms Worldwide

Built for Discovery

Plant scientists around the world have come to rely on Conviron's plant growth chambers and rooms to deliver repeatable experimentation conditions, accommodate a wide variety of research applications, and drive scientific discovery.

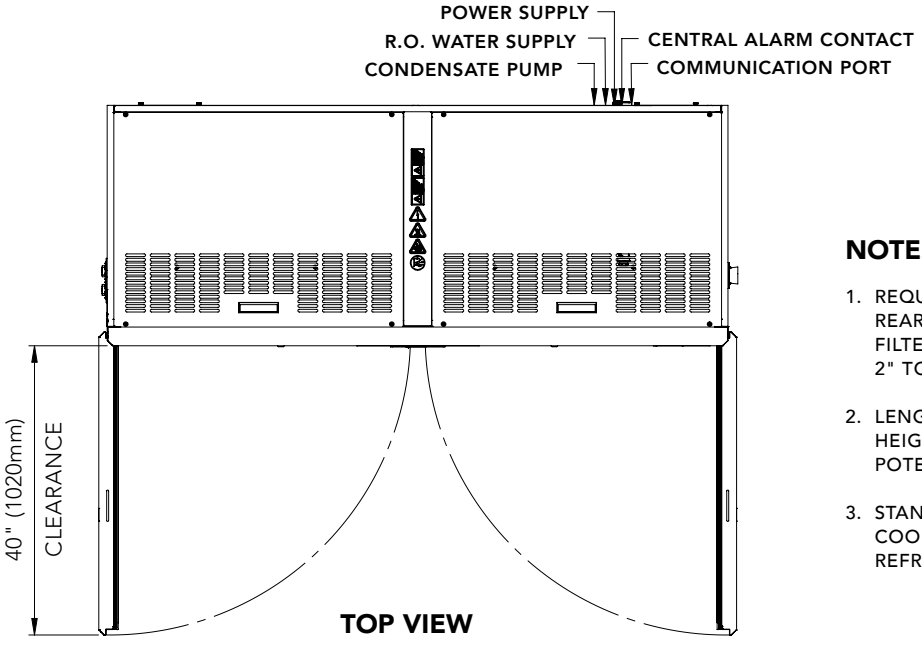
Learn more about the latest research in Conviron chambers.

GEN2000 Reach-in Chamber



FRONT VIEW

SIDE VIEW



TOP VIEW

NOTES

1. REQUIRES A MINIMUM OF 4" (102mm) FROM REAR OF THE CHAMBER TO BACK WALL. HEPA FILTER AND/OR DUCTED COLLAR OPTION ADDS 2" TO THE OVERALL WIDTH OF THE CHAMBER.
2. LENGTH AND WIDTH DIMENSIONS ±1/4" (6mm). HEIGHT DIMENSION ±1" (25mm), DUE TO POTENTIAL ADJUSTMENT OF LEVELING FEET.
3. STANDARD REFRIGERATION SYSTEM IS AIR COOLED, SELF-CONTAINED. WATER COOLED REFRIGERATION IS OPTIONAL.