

The image shows the interior of a custom environmental room. At the top center, a white rectangular unit with two circular perforated fans is mounted on the ceiling. The room features metal shelving on the left and right sides, and a metal table in the foreground. The floor is covered in a diamond-plate metal grating. The background is a plain, light-colored wall with a door handle visible. The entire image has a light blue tint.

**celsius**  
SCIENTIFIC

# Custom Environmental Rooms

For more than two decades, we've designed, manufactured, and implemented state-of-the-art environmental rooms in a variety of scientific industries including healthcare, pharma and biotech, agriculture, education, and aerospace.

Our unmatched expertise, budget-conscious solutions, incredible project management team, and nationwide installation network all set us apart from the rest.

We take each project up a notch by providing clients with peace of mind and a faster go-to-market solution than our competitors. From start to finish, our team oversees each detail ensuring quality control, compliance, deadlines are achieved, giving you valuable time back.

So partner with Celsius Scientific for your next environmental room project and watch the benefits come full circle. **We can do more, together.**

## OUR PROCESS

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1

### Consult

We start by defining project goals, specifications, and limitations to maximize usable space for the environmental room.

2

### Design

Our designers create and supply conceptual MEP drawings for a visual and mechanical interpretation of how the chamber functions.

3

### Quote

Once the custom refrigeration design has been approved, we provide a quote for manufacturing, installation, and smart monitoring.

4

### Implement

Our project managers ensure each component is manufactured to approved specs then assembled to code by certified technicians.

5

### Activate

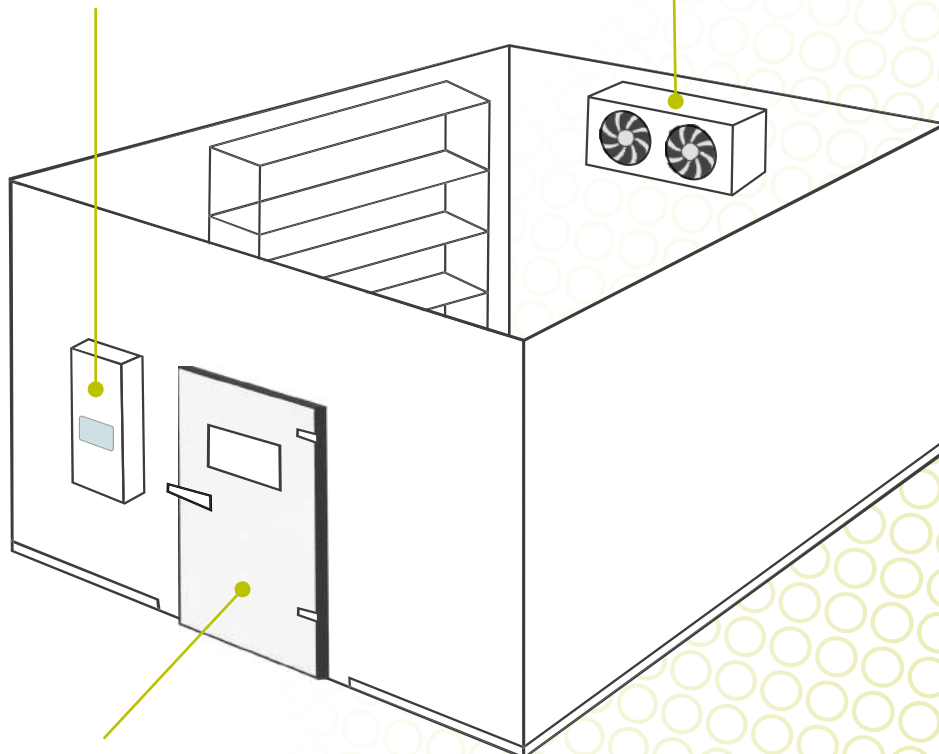
The chamber is activated and thoroughly tested to ensure the room quickly and confidently passes the validation process.

# OUR PRODUCTS

- Chambers from 75 sq ft to 100,000 sq ft
- Temperature control from  $-45^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$
- Class 1, Division 2 Explosion Proof Applications
- PLC Controls with Power Distribution, Alarms, and Data Logging
- Redundant Refrigeration Systems
- Humidity control from 10% to 95%
- $\text{CO}_2$  Refrigeration Systems for Large and Small Capacity Projects
- Large Rack Systems for Energy Efficient, Multi-Chamber Projects

**PLC CONTROL SYSTEM**  
Monitor & Maintain

**CUSTOM DESIGNED SYSTEMS**  
Maximize Temperature  
Uniformity



**MODULAR CHAMBERS**  
Utilize Space Requirements  
Efficiently

HAVE AN ENVIRONMENTAL  
ROOM PROJECT COMING UP?

WE CAN HELP

1.800.948.1721

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