

# Controlled Environment Room - Quote Request Form

## Contact Info:

Project: \_\_\_\_\_

Customer: \_\_\_\_\_

Contact: \_\_\_\_\_

Email: \_\_\_\_\_

Phone: \_\_\_\_\_

Site Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

## Need Help Filling Out This Questionnaire?

Please reach out to your Lab Furniture Expert or email us at [info@labbuildersinc.com](mailto:info@labbuildersinc.com)

## Basic Questions on the Location of Your Walk-in Controlled Environment Room:

Will the Walk-in be located Indoors  or Outdoors ?

Ambient Temp Range: \_\_\_\_\_ °F to \_\_\_\_\_ °F

(ambient temp is referring to the air temp surrounding the outside of the walk-in)

Ambient RH Range: \_\_\_\_\_ % to \_\_\_\_\_ %

(ambient temp is referring to the air temp surrounding the outside of the walk-in)

## Basic Requirements of Your Walk-in Controlled Environment Room:

Exterior Dimensions of Walk-In Room:

L \_\_\_\_\_ x W \_\_\_\_\_ x H \_\_\_\_\_

(2" of airspace is required between building and walk-in walls)

Walk-in will Consist of:

Single Compartment Room

or

Multiple Compartment Room

(a drawing or sketch showing walk-in layouts could be required for multiple compartment and/or multiple door locations)

Temperature required within room: \_\_\_\_\_ ° Celsius

Temperature Uniformity: Select One

(this refers to how tight you would like the temperature controlled - the tighter the uniformity the more specialized the equipment will be, this will add complexity and cost)

Relative Humidity set point (if required): \_\_\_\_\_ %

Relative Humidity Uniformity (if required): Select One

Interior Finish: Select One

Interior Color (White is standard): Select One

Exterior Finis: Select One

Exterior Color (White is standard): Select One

Floor: Select One

If floor will have heavy traffic such as carts and dollies, please describe (this will determine if a reinforced floor will be required):

## Lighting Required Inside Your Walk-in:

Lighting: Select One

Lighting total daily hours of operation: \_\_\_\_\_

**Door Info:** If there are multiple doors, please provide brief description in comments

Door Quantity: \_\_\_\_\_

Door Size: Select One

View-port: Select One

Estimated Total Door Openings in 24 Hours: \_\_\_\_\_

Estimated Average Duration of Door Openings:

Interior Kick Plate: Select One

Interior Kick Plate: Select One

Ramp: Select One

Door Comments:

## Additional Options for Your Walk-in:

- Chart recorder (records 7 days on a 10" circular, paper chart) for Temperature (and humidity if applicable)
- Electrical Receptacles (advise desired qty:\_\_\_\_\_and electrical service: \_\_\_\_\_)
- Chrome Kote™ shelving system (linear footage:\_\_\_\_\_tiers, \_\_\_\_\_width,\_\_\_\_\_length)
- Wall Panel Reinforcement (required for wall mounted shelving or casework, advise location in comments below)
- Ceiling Plenum (internal drop ceiling for improved aesthetic on rooms 9' and taller)
- Vinyl Floor Mat (mildew, inorganic acid, oil & grease resistant floor covering)

Additional Optional Comments or Requests:

**Questions About Your Product:** To better determine how best to maintain your desired temp and the control panel needed

Description of room application (provide detail if humidity range is desired):

Description of product:

Description of product (qty. and temp.) entering the room:

Product to be pulled down to chamber set point in \_\_\_\_\_ hours

Required temperature recovery time for door opening: Select One

Will electrical equipment be used in the room? If so, indicate the total watts:

Will there be staff working within the room? If so, indicate the qty. and total hours per day total:

Is ventilation required? If so, indicate the qty. \_\_\_\_\_CFM, and Temp/RH of input air \_\_\_\_\_°F / \_\_\_\_\_%

## Refrigeration Equipment Requirements and Information:

Condensing Unit:  Standard Air Cooled  Water Cooled  Other

Location of Condensing Unit:  Indoors  Outdoors

Ambient Temp Range of Refrigeration Equipment: \_\_\_\_\_°F

Humidity Equip: (if controlled)  Indoors  Outdoors

Ambient Temp Range: \_\_\_\_\_°F

Ambient RH:\_\_\_\_\_%

Electrical Service Available on Site:

Is UL Listing Required:  Yes  No

Approx. Refrigerant Line Length:

Redundant Refrigeration Systems:  Yes  No