



# 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 Fisher Scientific Sales Representative or email us at [FSLab@labbuildersinc.com](mailto:FSLab@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 Finish: Select One

Exterior Color (White is standard): Select One

Floor: Select One

If floor will have heavy traffic such as carts and dollys, 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

Exterior 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

Does your project require installation?

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Customer / Installation Address:

Site Contact Name:

Site Contact Phone and Email:

Where will the condensing unit be placed? And, at what distance from walk-in?

Where is the nearest access point for draining condensate in relation to the controlled environment room?

Is the project being installed on the first floor of the building or will there be a freight elevator or stairs?

Are there any delivery restrictions that would require rented equipment to unload the project from the truck?

Should we provide complete inter-wiring of all walk-in components (i.e. control panel, evaporator, lights, etc.)

Should we provide final electrical connection to the building power supply?

Does site have a three phase or single phase power system?

Does the installation team need to be union?

Estimated Date for installation?

Any other special install requirements like licensing, safety training, etc?