

Reset entire form to
Defaults



For your records or to
submit by Fax

Request for Applications Assistance with Check List

Name	<input type="text"/>	Title	<input type="text"/>
Company	<input type="text"/>		
Street	<input type="text"/>		
City	<input type="text"/>		
State, Province	<input type="text"/>		
Zip Code	<input type="text"/>	Country	<input type="text"/>
Telephone #	<input type="text"/>	<input type="checkbox"/>	Contact me by Phone
Fax #	<input type="text"/>	<input type="checkbox"/>	Contact me by Fax
Email	<input type="text"/>	<input type="checkbox"/>	Contact me by Email
Business Type	<input type="text"/>		
Company Web Site	<input type="text"/>		
Description of your Application or your Question. Please outline the desired equipment in full. Please provide as much detail as possible. Details such as size of workspace, and temperature, humidity, altitude, pressure, and vacuum levels required are helpful. Text may be inserted without limit.	<input type="text"/>		
Inquiry Type	<input type="text"/>	Priority	<input type="text"/>
Date Submitted	<input type="text"/>	Format: YYYY-MM-DD	

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2255 Union Place, Simi Valley, California 93065
805-583-4970 telephone, 805-583-5033 fax
<http://www.bemcoinc.com>
applications@bemcoinc.com Email

Combined Environments: Temperature, Humidity, Altitude, Vibration, Vacuum, Rain, Sunshine, Salt Spray, Sand and Dust, and Gasses. Space simulation Systems, Walk-in Chambers, Drive-in Rooms, PAO Fluid Chillers, and Air Servos.



Request for Applications Assistance, Check List

Required Temperature Performance

Temperature Required

Temperature Range Typical ranges are -20 to 60 C, -73 to 177 C, -35 to 177 C, -185 to +177 C, -185 to +315 C & +538 C.

Maximum Temperature Minimum Temperature Control Cal.

Cooling Rate Per Unit Time

Start Temperature End Temperature Time, Hours

Heating Rate Per Unit Time

Start Temperature End Temperature Time, Hours

Temperature Change Rate Enter these values instead of Cooling and Heating Rate Per Unit Time if desired.

Heating Rate / Minute Cooling Rate / Minute

Product or Specimen Load Specifications

Live Load Energy Live Load On

Product Mass Exposed Area

Specific Heat Temperature Uniformity Required

Product Height

Product Width Product Notes

Product Depth

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Request for Applications Assistance, Check List

Required Humidity Performance

Humidity Required

Desired Humidity Range

Standard maximum is 95%Rh. Normal specified minimums are 5% RH, 10% RH and 20% RH.

Highest Humidity Lowest Humidity Control Cal.

Humidity Temperature Range

Standard Highest temperature is 85 C. Lowest temperatures are 5 C, 2 C, and -20 C.

Highest RH Temperature Lowest RH Temperature

Actual Humidity Test Conditions, Increasing Humidity

Start Temperature End Temperature Time, Hours

Start Humidity End Humidity Control RH

Actual Humidity Test Conditions, Decreasing Humidity

Start Temperature End Temperature Time, Hours

Start Humidity End Humidity Control RH

Humidity Chamber Installation Information

Required to compensate for outside chamber ambient conditions.

External Room Ambient Temperature Maximum Country of Installation

External Room Ambient Temperature Minimum Nearest Large City *

* For "Nearest Large City," enter a large city, large airport, or a large military installation near the chamber installation with approximately the same weather conditions. This information allows us to look up historical weather information for your facility.

For " External Room Ambient Temperature, enter either inside room conditions if your laboratory is air conditioned or inside a building or structure or expected outside conditions if your equipment will be located outdoors or is exposed to the elements.

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Request for Applications Assistance, Check List

Required Altitude Performance

Altitude Required

Desired Altitude Range

Standard maximum is 200,000 feet. Normal standard range is site to 100,000 feet.

Highest Altitude Lowest Altitude Control Cal.

Below Site Level Operation

Requires a positive pressure vessel. Caution, increases system cost. Hyperbaric Chamber.

Highest Altitude Lowest Altitude

Actual Altitude Test Conditions, Increasing Altitude

Start Temperature End Temperature Time, Hours

Start Altitude End Altitude

Actual Altitude Test Conditions, Decreasing Altitude

Start Temperature End Temperature Time, Hours

Start Altitude End Altitude

Altitude Chamber Installation Information

Required to compensate for outside chamber ambient conditions.

Altitude of Installation Location (If Known) Country of Installation

Nearest Large City *

* For "Nearest Large City," enter a large city, large airport, or a large military installation near the chamber installation with approximately the same altitude as your facility. This allows us to lookup historical hyperbaric pressure information.

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Request for Applications Assistance, Check List

Chamber Design

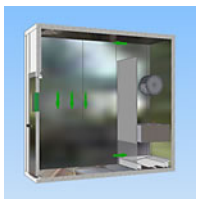
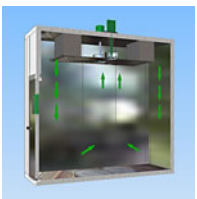
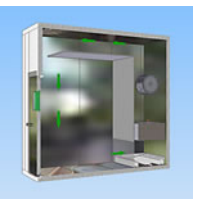
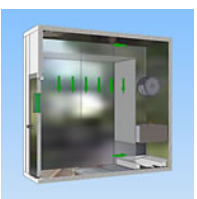
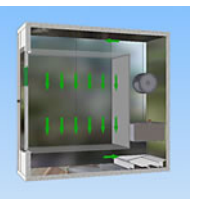
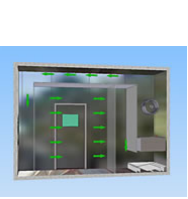
Workspace Dimensions Workspace is the clear working area required to house your produce with clearances needed.

Workspace Height	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	Workspace Notes	<div style="border: 1px solid black; height: 100px;"></div>
Workspcae Width	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>		
Workspace Depth	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>		

External Dimensions Indicate critical dimension such as doors that must be passed, ceiling height, and etc.

Maximum Height	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	External Layout Notes	<div style="border: 1px solid black; height: 100px;"></div>
Maximum Width	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>		
Maximum Depth	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>		

Air Flow Pattern For large, walk-in sized systems, please select the desired air flow pattern. Select only one.

					
<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6

Desired air flow pattern description codes are: 1 - Side Plenum Flow; 2 - Ceiling Split Flow; 3 - Diagonal Flow; 4 - Ceiling Plenum Flow; 5 - Horizontal Flow; and 6 - Vertical Flow. See the Bemco FLSeries Walk-in Chambers Brochure for additional explanations of the advantages and disadvantages of each air pattern. For smaller systems, Bemco selects the pattern based on your other specifications.

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Request for Applications Assistance, Check List

Instrumentation

Enter quantity desired next to Item. Replace Zero (0).

Recorder, 12 inch Circular	<input type="text"/>	Custom Instruments including Programmable Logic Controls (PLC's), Human Machine Interfaces (HMI's), readouts, process displays, process automation or automated test sequencing.	
Recorder, Digital Strip Chart	<input type="text"/>		
High Temperature Safety	<input type="text"/>		
Hi-Low Temperature Safety	<input type="text"/>		

Facility Requirements

Electrical Power Available	<input type="text"/>	Explosion Proof or special electrical needs. Describe Class, Division, materials in or around chamber.	<input type="text"/>
Custom Power Source	<input type="text"/>		
<input type="checkbox"/> Liquid Nitrogen Cooling, No Mechanical	LN2 Supply Pressure	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Mechanical Cooling Air Cooled, Local Mount	Local Ambient Temp.	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Mechanical Cooling Air Cooled, Remote Mount	Remote Ambient Temp.	<input type="text"/>	<input type="text"/>
	Remote Distance	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Mechanical Cooling Water Cooled	Average Water Temperature	<input type="text"/>	<input type="text"/>
Floor loading, pilars, ceiling height notes.	<input type="text"/>		

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Request for Applications Assistance, Check List

Accessories Desired

Enter quantity desired next to Item. Replace Zero (0).

Window	<input type="text"/>	Standard Sizes	<input type="text"/>	Custom Width	<input type="text"/>	<input type="text"/>
Light	<input type="text"/>	Light required with Windows.		Custom Height	<input type="text"/>	<input type="text"/>
Shelf Pilasters	<input type="text"/>	Pilasters required for Shelf support.				
Shelves	<input type="text"/>	Standard shelves are wire type, stainless steel.				
Access Port, 2 in. ID	<input type="text"/>	<div style="text-align: center;"> <p>Custom Fixturing or Accessories Required Notes</p> </div>				
Access Port, 3 in. ID	<input type="text"/>					
Access Port, 4 in. ID	<input type="text"/>					
Access Port, 6 in. ID	<input type="text"/>					
Custom Port	<input type="text"/>	<input type="text"/>				
GN2 Purge, Manual Injection with Rotameter	<input type="text"/>	<div style="text-align: center;"> <p>Custom Product or Specimin Fixturing including cabling, connectors, power supplies, monitoring, programming, load boards, supports, heat exchangers.</p> </div>				
GN2 Purge, Automatic under Process Control	<input type="text"/>					
LN2 Boost, Direct Injection into Workspace	<input type="text"/>					
LN2 Boost, with Heat Exchanger, Air Environment	<input type="text"/>					

Thank you for completing this form. Please return to the first page and either submit this form to us by Email or Print and Fax this form to us. If you need help filling out the form, please call us at (805) 583-4970 or Email us at applications@bemcoinc.com.

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