



Parameter Room vs. Reach-In Chambers

Provide a huge boost in your stability capacity and stay within budget

Companies that are currently using, or considering using, reach-in chambers for their storage may benefit from switching over to a free-standing conditioned walk-in room. The move can save both space and money by maximizing your square footage and allowing for a significant increase in shelf space.

To equal the usable space of one small Parameter Room, 10 reach-in chambers would be required (750 liter.)

10 reach-in chambers would:

- Require five times the electrical of one Parameter Room
- Cost five times more than one installed Parameter Room
- Require over 2-1/2 times the floor space of one Parameter Room



Parameter walk-in storage room. Measurements: 2.4 x 3.2 x 2.2 meter / 17 cubic meters (9'2 x 9'2 x 7'3 / 600 cu.ft.)

Consider the following:

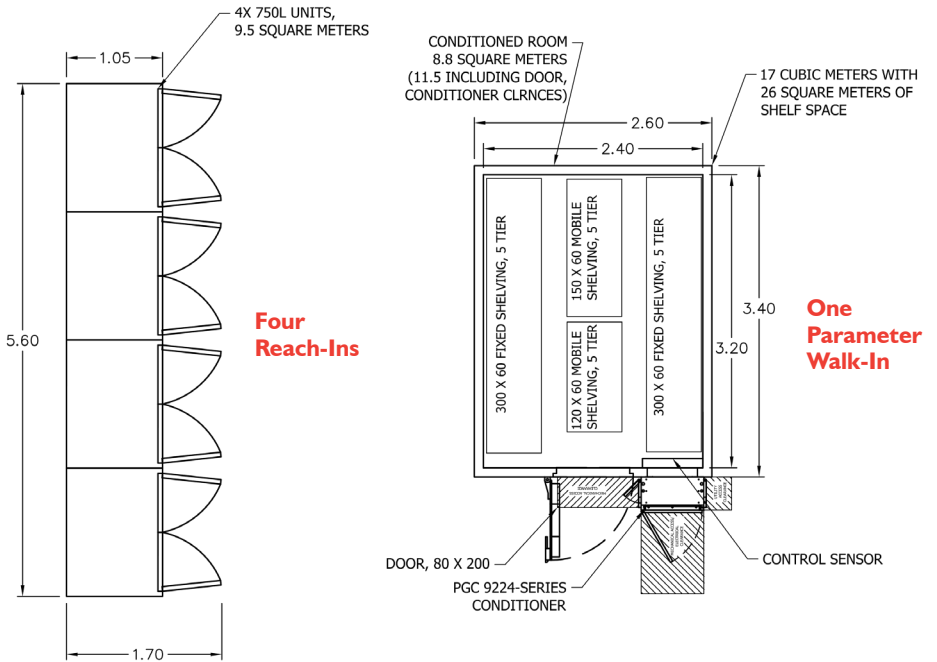
	(1) Small Parameter Room	(4) 750 Liter Reach-In Chambers
Internal Cubic Meters	17	3
Square Meters of Shelf Space	26	7
Energy Usage (watts)	2000	4000
Square Meters of Floor Space Required	9	10

Each room is capable of the following ICH conditions:

Long-Term and Intermediate storage conditions of 25°C/40%RH, 25°C/60%RH, 30°C/65%RH, 30°C/75%RH

Accelerated storage conditions of 40°C/not more than (NMT) 25%Rh, 40°C/ 75%Rh

Refrigerated storage conditions of 2°C - 8°C (5°C)

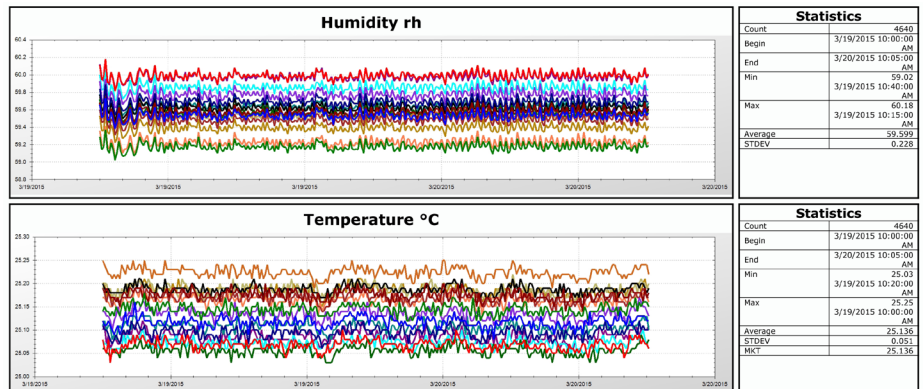


Parameter Generation & Control Is An Internationally Respected Manufacturer Of Rooms, Conditioners And Chambers For Use In Environmental Control And Stability Storage.

Parameter has been building quality stability rooms, conditioners and chambers for over 40 years. Key features of our environmental control equipment include:

- Extremely tight control and mapping – allows for quick efficient validations.
- Precise dew point saturation control method of control – eliminates problem components such as moisture injectors, boilers, and solenoid switches.
- One 17 cubic meter room uses less electricity than two 750 liter reach-in chambers.
- Self-contained conditioner allows for the complete PM and any required repair without accessing the storage area. Most PMs can be performed without the chamber going out of specification.

25°C/60% RH – Full Chamber – Room Size: 8 x 3 x 2.5 meter
RH: 59.0% to 60.2% / Air: 25.05°C to 25.25°C



This graph shows validation data performed on a large walk-in room. Each color represents a different sensor. The standard deviation rates for the entire data set indicate that the room is being controlled very tightly throughout the validation cycle.