PARAMETER
GENERATION & CONTROL

# 400-700 CFM CONDITIONER

## AN UNSURPASSED RH CONTROL OF ±0.5%

Parameter manufactures relative humidity / temperature conditioners for rooms provided by Parameter and existing rooms or enclosures. These systems are designed to provide precise temperature and humidity control.

Parameter conditioners provide:

- Extremely precise control and uniformity within the room or chamber to allow customers to easily maintain their specified conditions.
- A unique dew point control system utilizes much less energy than other stability control systems.
- Self-contained conditioners allow easy installation on-site anywhere in the world.
- On-site start-up is available.
- PC based monitoring systems that are standard with each unit. System monitors temperature, relative humidity, saturator, and mechanical outputs.
- Easy temperature / relative humidity Calibrations and simple preventative maintenance schedules.
- User-friendly controls (Parameter's SmartPad) that allow for either steady state conditioning or programmable cycling of conditions.

| RH VARIABLES | OURS | THEIRS |
|---|---|---|
| TOTAL | ± 2.5% | ± 6.0% |
| CONTROL CONSTANCY | ± 0.5% | ± 2.0% |
| CHAMBER UNIFORMITY | ± 1.0% | ± 2.0% |
| SENSOR ACCURACY | ± 1.0% | ± 2.0% |

Extremely Precise Control
Low Energy Requirements
Low Maintenance

## Specifications

**9240, 9340 SERIES**
Relative Humidity Constancy: ±0.5%
Relative Humidity Uniformity: ±1.0% at 25°/60%
Temperature Constancy: ±0.2°C
Temperature Uniformity: ±0.2°C

**MAXIMUM ENCLOSURE SIZE***

1440 cu.ft.

**MAX. ROOM SIZE* 8-FOOT CEILING**

2' x 15'

**CONDITIONER DIMENSIONS**

Horizontal:

65"w x 45"d x 37"h

Vertical:

32"w x 40"d x 81"h

* Note: Maximum size may vary depending on internal heat load, set points, ambient conditions, and make-up air requirements.

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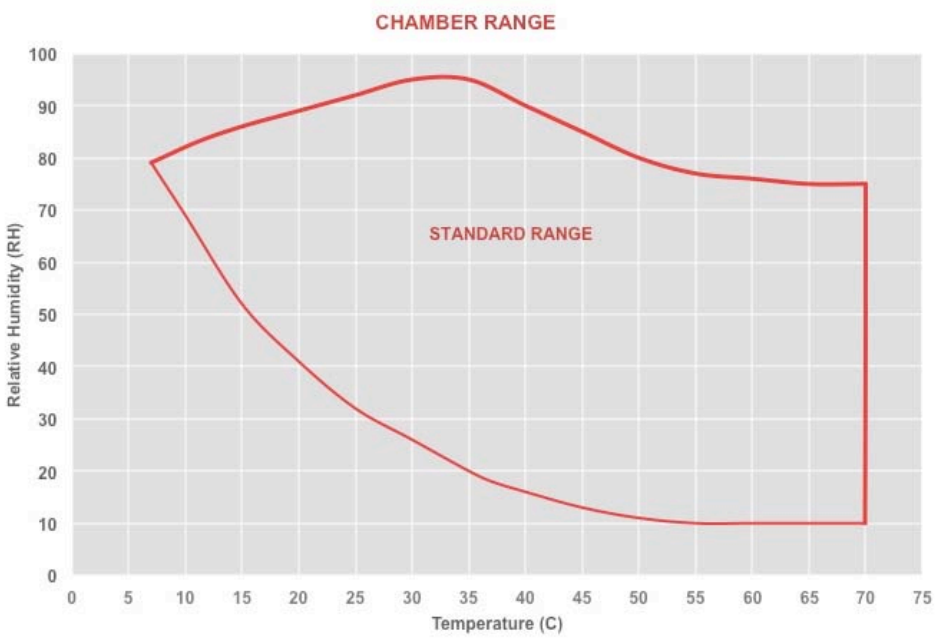


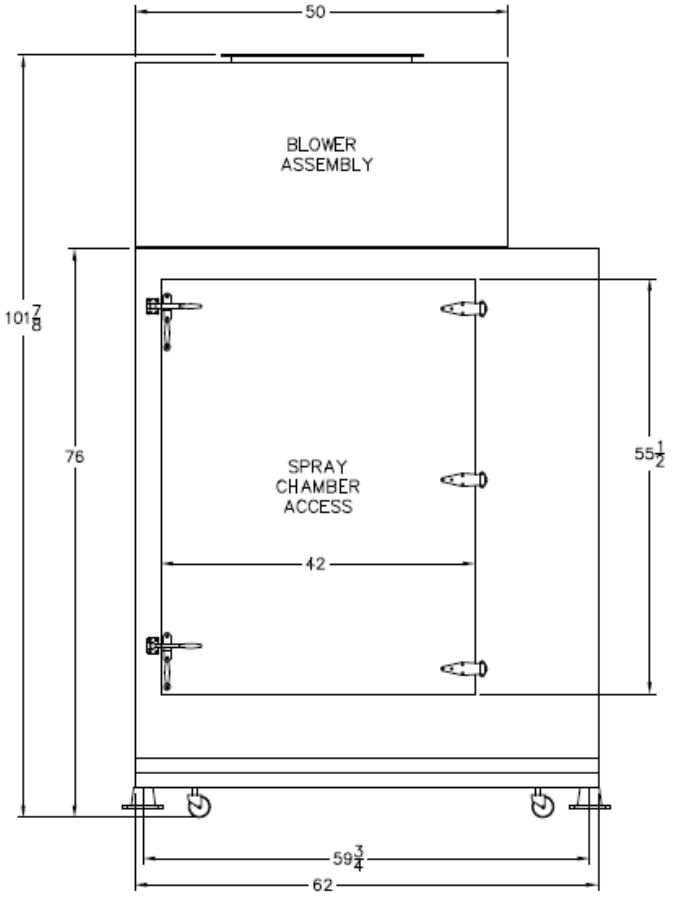


## Benefits

Consistent and accurate results
Stable and uniform environments
Unsurpassed accuracy
Security and safety
Ease of operation

## Features

RH control constancy of ±0.5%
Temperature control constancy of ±0.1°C
Relative humidity uniformity of ±0.5%
High-low or deviation alarms
316 stainless steel construction throughout the chamber

## SmartPad Microprocessor

Parameter's SmartPad microprocessor controller is a user-friendly system that provides optimum accuracy and control. The SmartPad is equipped with direct readings in both temperature and humidity. It features 60-segment programming for automatic cycling and ramping and soaking excursions. High-low or deviation alarms and digital communications ports are standard features.

**All Parameter equipment is exhaustively tested at your specified condition prior to shipping to ensure trouble-free operation.**

To see more schematics, please visit www.humiditycontrol.com.

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