



## 1500-3000 CFM HORIZONTAL CONDITIONER

### AN UNSURPASSED RH CONTROL OF $\pm 0.5\%$

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	$\pm 2.5\%$	$\pm 6.0\%$
CONTROL CONSTANCY	$\pm 0.5\%$	$\pm 2.0\%$
CHAMBER UNIFORMITY	$\pm 1.0\%$	$\pm 2.0\%$
SENSOR ACCURACY	$\pm 1.0\%$	$\pm 2.0\%$

Extremely Precise Control  
Low Energy Requirements  
Low Maintenance

### Specifications

#### 9334-4210 SERIES (Domestic)

#### 9334-6210 SERIES (International)

Relative Humidity Constancy:  $\pm 0.5\%$   
Relative Humidity Uniformity:  $\pm 1.0\%$  at 25°/60%  
Temperature Constancy:  $\pm 0.2^{\circ}\text{C}$   
Temperature Uniformity:  $\pm 0.2^{\circ}\text{C}$

#### MAXIMUM ENCLOSURE SIZE\*

4800 cu.ft.

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

20' x 30'

#### UTILITIES

Domestic: 460V, 3-Phase, 60Hz, 23.9 FLA, 17 RLA

International: 380V, 3-Phase, 50Hz, 20.2 FLA, 16.7 RLA

#### DIMENSIONS

80"w x 49"d x 43"h

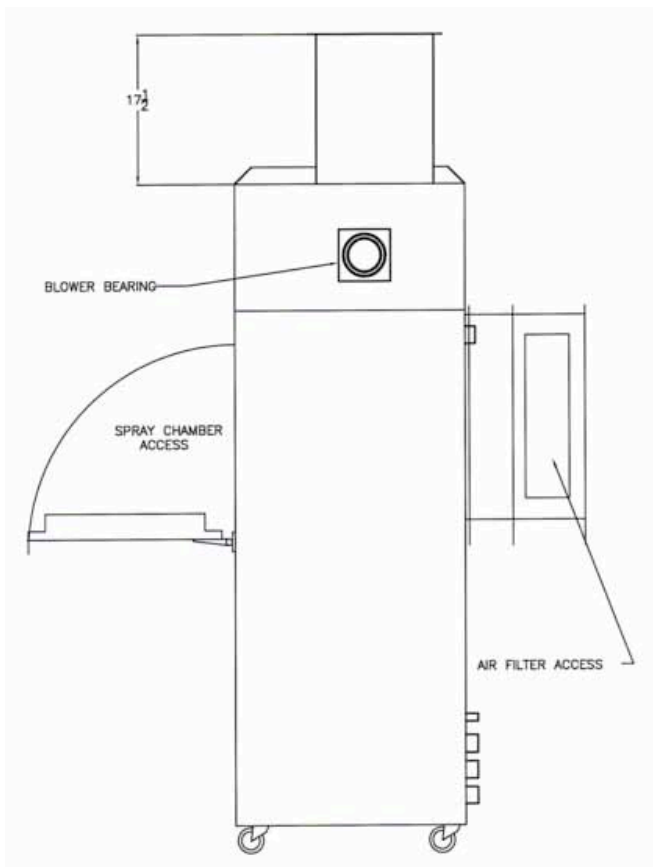
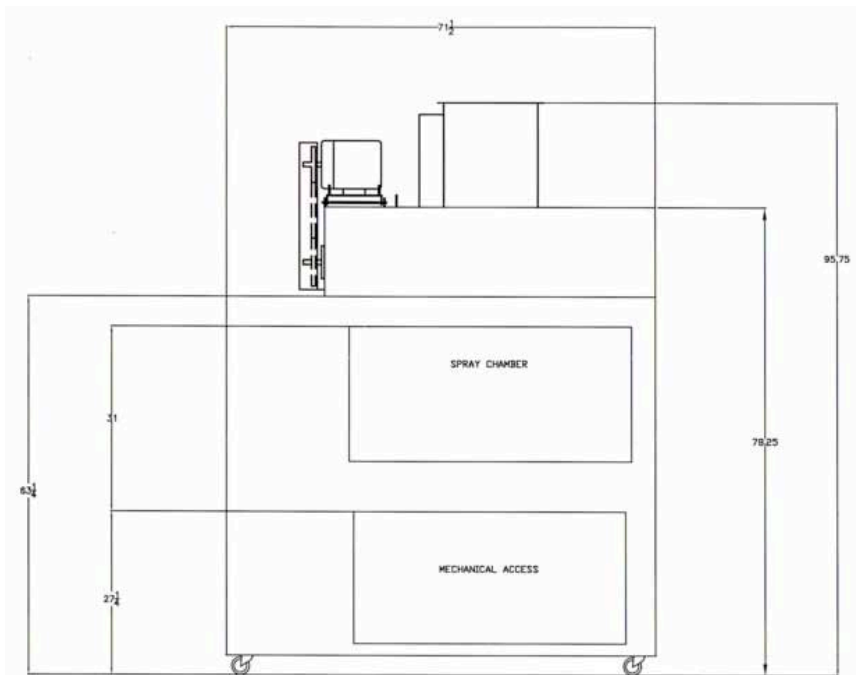
#### WEIGHT

2000 lbs.

#### SHIPPING WEIGHT

2200 lbs.

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



### Benefits

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

### Features

- RH control constancy of  $\pm 0.5\%$
- Temperature control constancy of  $\pm 0.1^{\circ}\text{C}$
- Relative humidity uniformity of  $\pm 0.5\%$
- 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](http://www.humiditycontrol.com).

PO Box 129  
1054 Old US 70 West  
Black Mountain, NC 28711  
800.438.5494 toll-free  
[www.humiditycontrol.com](http://www.humiditycontrol.com)