



**PARAMETER**  
GENERATION & CONTROL



## 100-200 CFM CONDITIONING UNIT

The 100-200 CFM Conditioner can be connected to a Parameter 10 or 25 cu. Ft. chamber as well as small walk-in rooms.

### PRECISE HUMIDITY CONTROL IN A COMPACT PACKAGE.

Parameter's humidity generating systems are truly unique. The sources for humidity, dehumidification, heating, cooling, and circulation are all packaged in one self-contained unit. The unit is specifically designed to provide 100-200 CFM of conditioned air to small rooms and reach-in chambers, providing very precise humidity and temperature control.

Because the unit is self-contained, it can easily be used to condition existing spaces, small walk-in rooms and custom chambers. The size of the unit allows it to set on top of existing chambers or rooms and circulate conditioned air through the contained space.

The 100-200 CFM unit is Parameter's smallest conditioner and is conveniently designed to run a 15-amp 115 volt power source. This unit does not require compressed air or ultra pure water (tap water is generally fine.) The interior and exterior are constructed of corrosion resistant stainless steel. Low watt density heaters also contribute to the unit's durability. Multiple safety cut offs are also included.

### Specifications

#### 9314-31E0 SERIES (Domestic)

#### 9314-51E0 SERIES (International)

Relative Humidity Control:  $\pm 0.5\%$

Relative Humidity Uniformity:  $\pm 0.5\%$

Relative Humidity Accuracy:  $\pm 1.0\%$

Relative Humidity Range: 22 to 83%

Temperature Control:  $\pm 0.1^{\circ}\text{C}$

Temperature Uniformity:  $\pm 0.2^{\circ}\text{C}$

Temperature Accuracy:  $\pm 0.2^{\circ}\text{C}$

Temperature Range: 8 to  $40^{\circ}\text{C}$

### UTILITIES

Domestic: 208/230V, 1-Phase, 60Hz

International: 230V, 1-Phase, 50Hz

Water: 1 gallon per day maximum (can be manually refilled without hard piping)

Drain: Condensate drain or pan required

### WEIGHT

310 lbs.

### SHIPPING WEIGHT

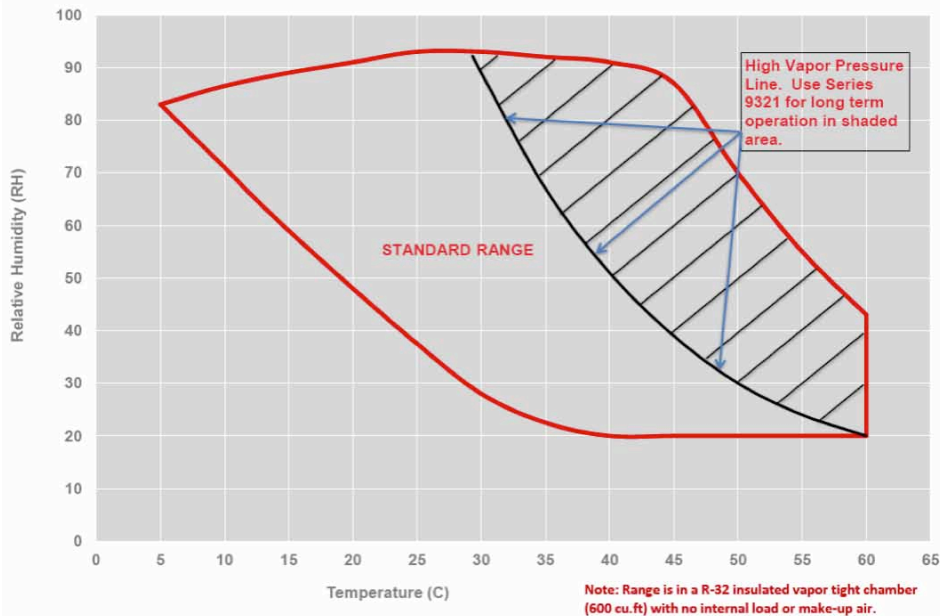
380 lbs.

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



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### Benefits

- Consistent and accurate results
- Confidence in the measured condition
- Durable
- Security and safety
- Easy to apply

### Features

- Precise temperature and humidity control
- High grade temperature compensated humidity sensor
- Stainless steel construction
- High-low or deviation alarms
- Compact package

### The SmartPad

The 100-200 CFM Conditioning unit is controlled by Parameter's SmartPad microprocessor, a user-friendly system that provides optimum accuracy and control. The SmartPad is equipped with direct readings in both temperature and humidity. It also features 60-segment programming for automatic. High-low or deviation alarms and digital communications ports (with software) are standard features.

