



PARAMETER
GENERATION & CONTROL



800-1200 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

9381-2210 SERIES (Domestic) 9381-7210 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*

2800 cu.ft.

MAX. ROOM SIZE* 8-FOOT CEILING

16' x 22'

UTILITIES

Domestic: 208/230V, 3-Phase, 60 Hz,
39 FLA, 24.4 RLA
International: 230V, 3-Phase, 50 Hz, 32
FLA, 24 RLA

DIMENSIONS

80"w x 49"d x 43"h

WEIGHT

1300 lbs.

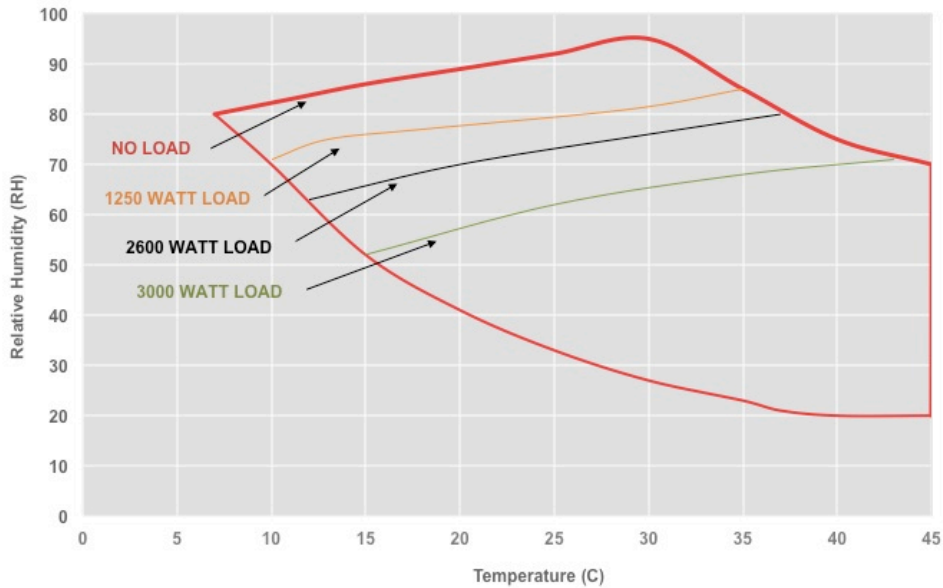
SHIPPING WEIGHT

1500 lbs.

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



800-1200 CFM PERFORMANCE CURVE



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.

