



400-700 CFM VERTICAL 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

9241-2220 SERIES (Domestic)

9241-7210 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*

1440 cu.ft.

MAX. ROOM SIZE* 8-FOOT CEILING

2' x 15'

UTILITIES

Domestic: 208/230V, 3-Phase, 60Hz,
22.5 FLA, 14.1 RLA
International: 230V, 3-Phase, 50Hz,
16.5 FLA, 11.8 RLA

WEIGHT

1150 lbs.

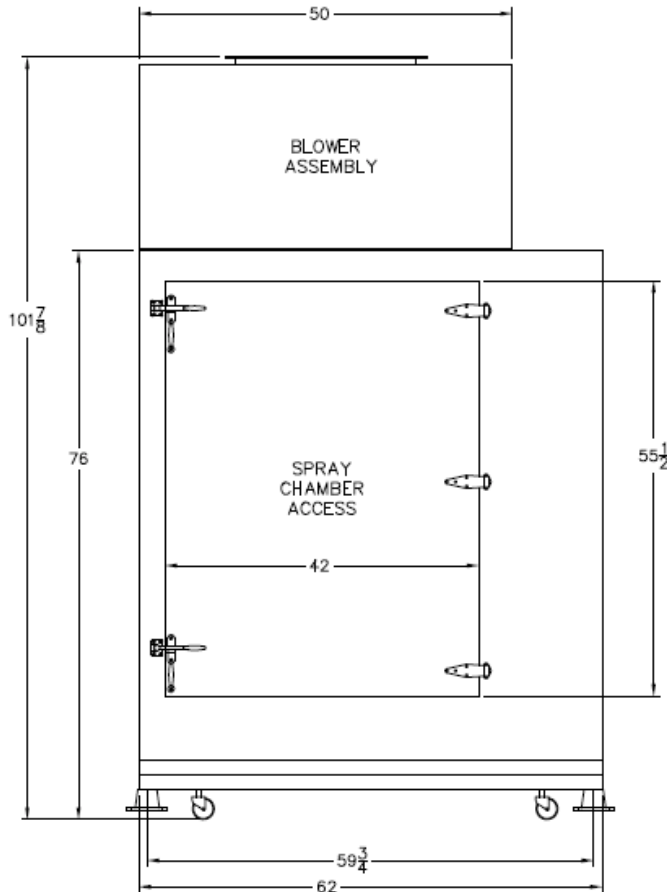
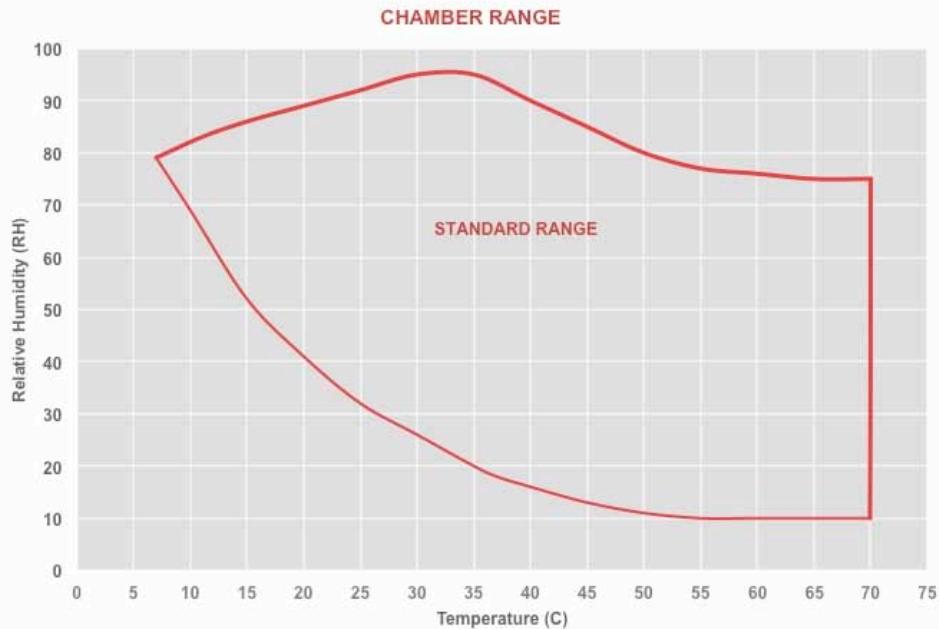
SHIPPING WEIGHT

1300 lbs.

DIMENSIONS

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.



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.

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