PARAMETER
GENERATION & CONTROL

5500-7000 CFM VERTICAL 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

9274-4230 SERIES (Domestic)
9274-6230 SERIES (International)

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*

16,800 cu.ft.

MAX. ROOM SIZE* 8-FOOT CEILING

35' x 60'

UTILITIES

Domestic: 460V, 3-Phase, 60Hz, 31.2 FLA, 21 RLA
International: 380V, 3-Phase, 50Hz, 31.2 FLA, 21 RLA

WEIGHT

2400 lbs.

SHIPPING WEIGHT

2700 lbs.

DIMENSIONS

62"w x 52"d x 105"h

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

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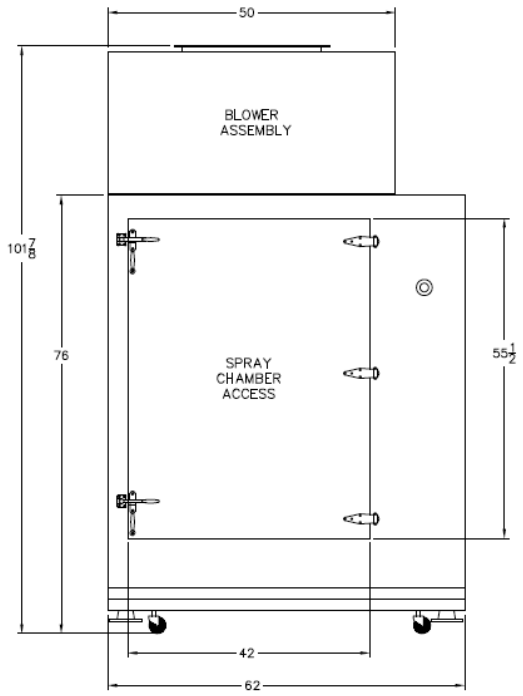

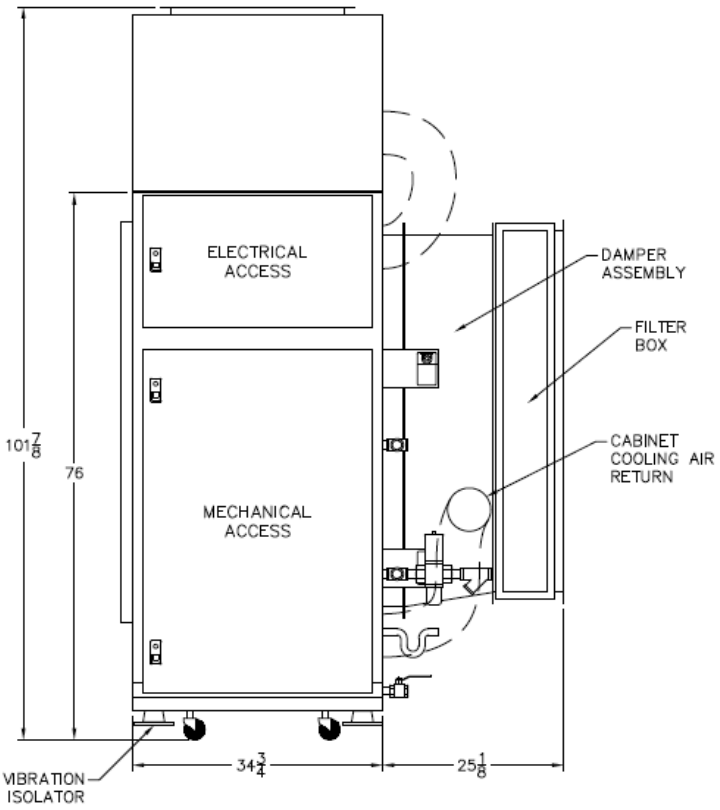

Benefits

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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