



PARAMETER
GENERATION & CONTROL



4-DOOR CHAMBER FOR HANGING SAMPLES

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

The Parameter Series 7254 25-cubic foot textile chamber features our unique humidity control system that enables the user to attain unsurpassed levels of RH/temperature control and uniformity.

The textile conditioning unit is specifically designed to maintain the required textile specifications for temperature and relative humidity. This system is equipped with a series of sample holders to maintain up to 72 textile samples.

Parameter's humidity generating systems are unique. By utilizing the "two temperature" method of control, Parameter is able to create an unrivaled stable environment.

Three parameters must be considered to meet key specifications: control constancy, chamber uniformity and sensor accuracy. Many companies control to $\pm 2\%$, however, they neglect sensor accuracy and chamber uniformity. Parameter takes into consideration all three variables, making the specified tolerance of $\pm 1^\circ\text{C}$ and $\pm 2\%$ RH truly attainable.

This system is constructed with durable, corrosion-resistant stainless steel. Low watt density heaters and various safety cutouts are included. A highly precise, digital hygrometer (temperature compensated) provides state-of-the-art accuracy while a user-friendly SmartPad provides optimum control. Our controller also features 60-segment programming, high/low (or deviation) alarms, and a serial communications port.

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

7304-3144 SERIES (Domestic)
7304-5144 SERIES (International)

UTILITIES

Domestic: 208/230V, 1-Phase, 60Hz
International: 230V, 1-Phase, 50Hz

WEIGHT

750 lbs.

SHIPPING WEIGHT

900 lbs.

Benefits

Extremely stable and uniform environment

Maintains superior constancy and uniformity

Security and safety

Equipment longevity; corrosion resistant

Ease of operation

Features

RH control constancy of $\pm 0.5\%$

Temperature control constancy of $\pm 0.2^\circ\text{C}$

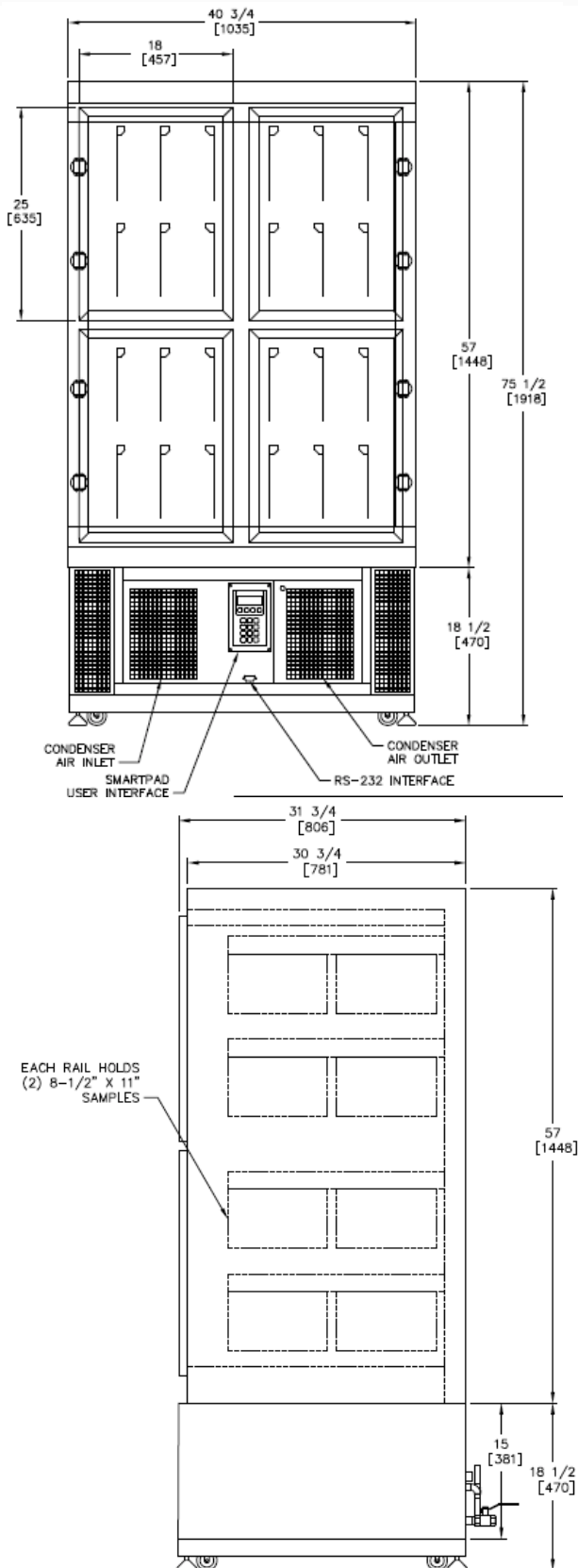
Multiple safety cut-offs

316 stainless interior chamber

User-friendly and unit-specific digital controller



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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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