



7000 SERIES REACH-IN CHAMBERS

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

The Parameter 7000 Series chambers feature our unique humidity control system, which enables the user to attain unsurpassed levels of RH/temperature control and uniformity. Parameter's test chambers are designed to accurately produce temperature and humidity conditions required for applications including stability studies, package testing, TAPPI, MIL-SPEC, and vapor transmission.

Applications for the 7000 Series units include diverse industries, such as pharmaceutical development and manufacturing, electronic components, food, semiconductor, paper and pulp, and anywhere precise humidity control and temperature replications are required.

The interior chamber of each unit is constructed of a very durable, corrosion resistant 316 stainless steel. Low watt density heaters are used that also contribute to the unit's longer life.

Depending on the application, the chamber airflow can be factory configured from the standard horizontal flow to a vertical flow. Additional options include extended ranges, chart recorders, outer door window, or clear inner door with optional iris opening. The 7000 Series system includes free logging software.

Specifications

SERIES 7000

Relative Humidity Range: 22 to 83%
(limited by a 5° dew point)

Relative Humidity Constancy: $\pm 0.5\%$

Relative Humidity Uniformity: $\pm 1.0\%$ at
25°/60%

Temperature Range: 8 to 40°C

Temperature Constancy: $\pm 0.2\%$

Temperature Uniformity: $\pm 0.2\%$

UTILITIES

115v, 12 FLA, 1 phase, 60 Hz

220v, 8 FLA, 1 phase, 50 Hz

Refrigeration Unit: Fractional HP
utilizing non-ozone depleting gas

Maximum heat of rejection: 4,200 BTU
per hour

WEIGHT

6 cubic foot: 220 lbs.

10 cubic foot: 450 lbs.

30 cubic foot: 500 lbs

SHIPPING WEIGHT

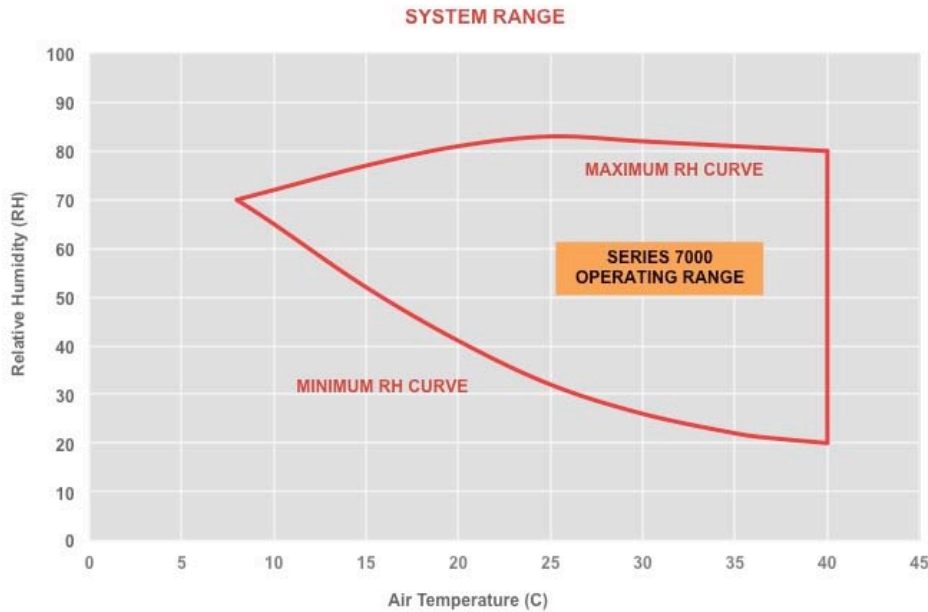
6 cubic foot: 280 lbs.

10 cubic foot: 450 lbs.

30 cubic foot: 500 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



Range Chart is for 230 volt system.

CHAMBER MODELS AND SIZES

Size	7064 6 cu.ft.	7104 10 cu.ft.	7304 30 cu.ft.
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Exterior (inches)

Height	41	54	83
Width	30	30	41
Depth	32	32	32

Interior (inches)

Height	18	30	56
Width	24	24	28
Depth	24	24	32

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

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 40-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.