

Labycare-Humidity chamber (SKSS375A)



The key to uniformity in any Temperature and Humidity Controlled Stability Chamber is the airflow, which ensures all parts of the chamber are constantly supplied with conditioned air at the correct temperature and humidity. The Stability *PLUS*™ design ensures there are no hot or cold spots anywhere in the chamber, which would destroy the critical balance of temperature and humidity. Also the gentle nature of the airflow ensures that all test areas are fully conditioned, regardless of chamber loading.

Description :

The Temperature and Humidity controlled Stability Chambers are constructed from 304 Stainless Steel, with the exterior surface painted as extra protection. The interior is unpainted allowing easy cleaning and draining when used in high humidity conditions. Each unit is supplied with 4 solid stainless steel shelves which locate into 4 pilasters, and these serve to hold the shelves rigid and bear the load of the samples being tested. There are 19 available shelf positions to allow high density testing if required.

Specifications :

Modal	SKSS375A	
Chamber Volume	83 cu ft 934 Liters	83 cu ft 934 Liters
Chamber Dimensions	33"w x 27"d x 60"h 84cm x 69cm x 152cm	33"w x 27"d x 60"h 84cm x 69cm x 152cm
External Dimensions	41"w x 35"d x 90"h 104cm x 89cm x 229cm	41"w x 35"d x 90"h 104cm x 89cm x 229cm
Temperature range	-2°C to 70°C	-35°C to 70°C
Control Resolution	0.1°C	0.1°C
Humidity range	20% - 96% RH	20% - 96% RH
Control Resolution	0.1°C	0.1°C
Uniformity at 37°C	± 1°C	± 1°C
Heat-up time: Amb - 37°C	7 minutes	7 minutes

Heat-up time: 10°C - 50°C	22 minutes	
Recovery time at 37°C**	1.25 minutes	1.25 minutes
No. of shelves supplied	4	4
Max no. of shelves	19	19
Shelf area (each)	6 sq ft (0.5 sq M)	6 sq ft (0.5 sq M)
Electrical Services	220V, 1Ph, 50/60Hz 2.0kW, 16A	220V, 1Ph, 50/60Hz 2.0kW, 16A
Shipping Weight	1,600 lbs; 727 Kg	1,200 lbs; 545 Kg

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