

Temperature Range: 20°C to 60°C
 Humidity Range: 40% Rh to 95% Rh

Humidity (Stability) Chambers



Standard Equipment

- Double walled with PUF insulation.
- SS 304 Interior & Exterior either SS 304 or Mild Steel
- Stainless Steel trays
- Full-length inner glass door & metal door with gasket & lock on the outside
- Internal LED lights
- Forced air circulation for uniform temperature
- PU wheels for easy movement
- U-shaped SS tubular heaters
- Non condensing steam injection type humidity system with standby heater & auto switch overs
- CFC free cooling system consisting of hermetically sealed compressor coupled with evaporation coil & condenser
- Stand by humidity system with booster humidification
- Complete Operations driven through PLC with data logging capacity of upto 1000 readings
- High speed Ethernet based communication
- All operations through a single 7" Color Touch Screen
- High quality imported make T/Rh combo sensor with 4-20 mA output
- Safety devices: Low & high temperature cut-off settable thermostats
- Audio/Visual alarms for deviations
- Complete with DQ, IQ, OQ, PQ & SOP & Maintenance Manual

Power supply: 230 volts 50 Hz main supply. Also available with 60 Hz Cycle.

SPECIFICATIONS

- Temperature Range : 20°C to 60°C
- Temperature Accuracy : ± 0.2°C
- Temperature Uniformity : ± 1°C
- Humidity Range : 40% Rh to 95% Rh
- Humidity Accuracy : ± 2% Rh
- Humidity Uniformity : ± 3% Rh

Optional Accessories

- ICDAS -A Single Software installation for all Newtronic make equipments
- 4 pt. Temperature & Humidity Scanner
- Stand by Cooling System with auto switch over (430 litre & above)
- Door Access system (Numeric or Biometric)
- Remote alarm system suitable for upto 4 nos. Newtronic make equipments
- Mobile Alert System

◆ Selection Guide

Model	Capacity		Internal Size (H*W*D) mm	External Size (H*W*D) mm	Trays Qty.	Trays Size (W*D) mm	Approx. Weight (Kg)	
	CuFt.	Liter					Equip.	Ship.
NLHC7SI	7	200	800 X 500 X 500	1295 X 640 X 990	3	430 X 460	150	225
NLHC16SI	16	430	1200 X 600 X 600	1695 X 740 X 1110	4	530 X 560	250	325
NLHC26SI	26	735	1500 X 700 X 700	2050 X 840 X 1210	5	630 X 660	275	350
NLHC34SI	34	1000	1500 X 800 X 800	2050 X 940 X 1310	5	730 X 760	350	425
NLHC54SI	54	1500	1500 X 1600 X 600	2050 X 1740 X 1125	10	695 X 560	350	450
NLHC71SI	71	2000	1500 X 1600 X 800	2050 X 1740 X 1325	10	695 X 760	375	475

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