

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

Walk-In Humidity (Stability) Chambers



Standard Equipment

- ▶ Chamber Operations based on Ecotronic system incorporating the principles of Dew point control as per the Psychrometric Chart
- ▶ Double walled with 60mm PUF insulated modular panels with easy on-site assembly
- ▶ SS 304 Interior & Exterior either SS 304 or Pre Coated GI
- ▶ Stainless Steel Trays
- ▶ Observation window - 300 x 300 mm
- ▶ PVC strip curtain for reducing temperature leakages
- ▶ Illuminated working area
- ▶ Flooring of Linoleum carpet
- ▶ Heater line along the door to avoid condensation
- ▶ U-shaped SS tubular heaters
- ▶ Forced air circulation for uniform temperature
- ▶ Humidity is primarily controlled through the principles of Dew point control (for capacities >8KL)
- ▶ CFC free cooling system consisting of hermetically sealed compressor coupled with evaporation coil & condenser
- ▶ System is made up of split type condenser unit in well-ventilated area to avoid throw of hot air in the room
- ▶ 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 4" 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: 230/415 volts 50 Hz main supply. Also available with 60 Hz Cycle.

SPECIFICATIONS

- Temperature Range : 20°C to 60°C
- Temperature Accuracy : ± 0.5°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
- ▶ 8 pt. Temperature & Humidity Scanner
- ▶ Stand by Cooling System with auto switch over
- ▶ 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
	CuFt.	Liter				
NLWH208SI	208	5,848	2000 X 1360 X 2150	2120 X 1480 X 2270	20	900 X 300
NLWH250SI	250	7,017	2400 X 1360 X 2150	2520 X 1480 X 2270	28	900 X 300
NLWH307SU	307	8,600	2000 X 2000 X 2150	2120 X 2120 X 2270	20	900 X 600
NLWH368SU1	368	10,320	2400 X 2000 X 2150	2520 X 2120 X 2270	28	900 X 600
NLWH543SU	543	15,216	2400 X 2000 X 3170	2520 X 2120 X 3290	42	900 X 600
NLWH679SU	679	19,020	2400 X 2500 X 3170	2520 X 2620 X 3290	42	900 X 800
NLWH1092SU1	1092	30,600	2400 X 2500 X 5100	2520 X 2620 X 5220	70	900 X 800
NLWH1787SU1	1787	50,040	3000 X 4000 X 4170	3120 X 4120 X 4290	126	900 X 600
NLWH2857SU	2857	80,019	3000 X 5100 X 5230	3120 X 5220 X 5350	162	900 X 800

*Custom Build Chambers also available | * Models with Exterior powder coated GI sheet & Interior stainless steel (304) will be available on request.
 Standard Inner Heights: 2.0, 2.4, 3.0 Mt | Standard Inner Width: 1.36, 2.0, 2.5, 4.0 Mt | Standard Inner Depths: 2.0,3.0, 4.0, 5.0 Mt

* Newtronic reserve the rights to change the product specifications without prior notice.

