

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

Walk-In 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
- SS304 Interior & Exterior either SS304 or Pre Coated GI
- Stainless Steel Trays
- Observation window - 450 x 300 mm
- PVC strip curtain for reducing temperature leakages
- 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 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 & Operational 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

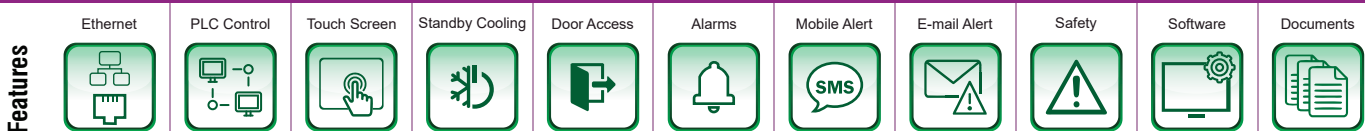
- ICADAS -A Single Software installation for all Newtronic make equipments
- 8 pt. Temperature & Humidity Scanner
- Stand by Cooling System with auto switch over
- Door Access system (Numeric or Biometric)
- Remote alarm system suitable for upto 4 nos. Newtronic make equipments
- Mobile Alert System

◆ 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

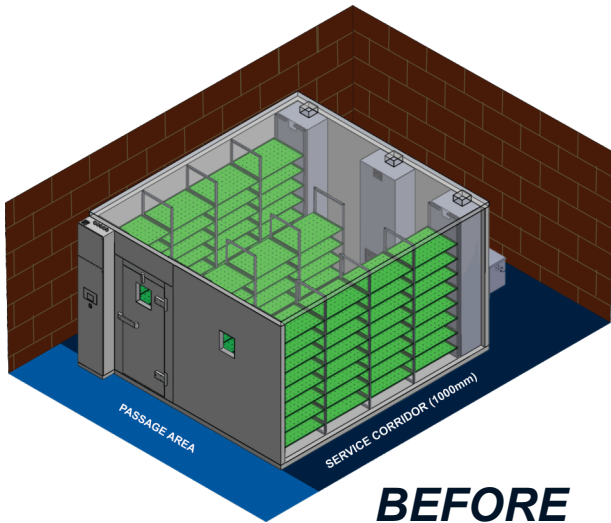
* Newtronic reserve the rights to change the product specifications without prior notice.



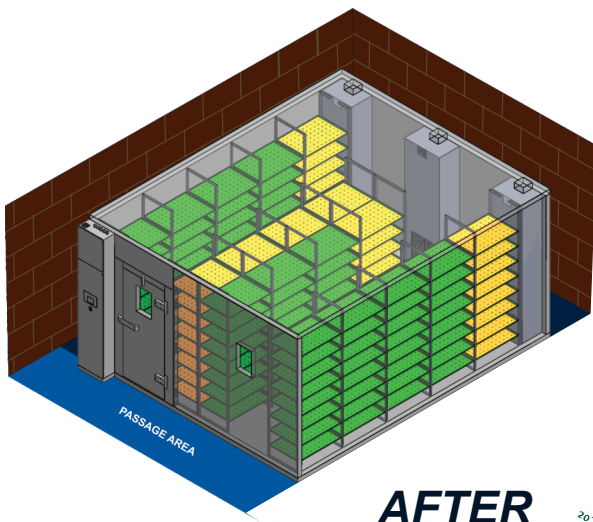
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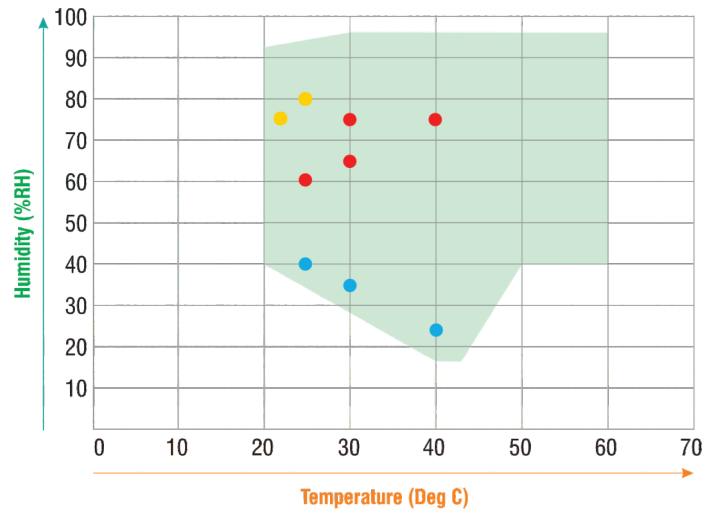
Patented Technology
 No: 398204



BEFORE

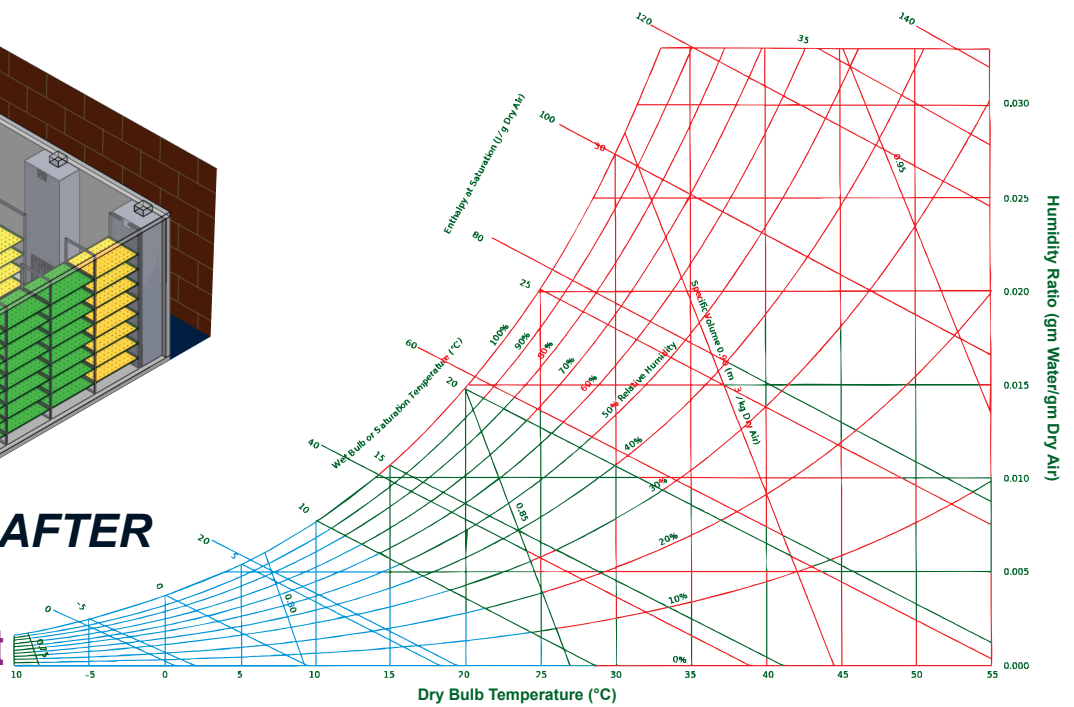


AFTER



● General Conditions ● Semi-permeable Conditions ● MVTR and Other Special Conditions

Psychrometric Chart



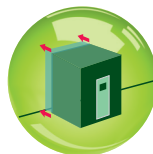
Introducing a Patented Technology for Green Mode Energy Optimization



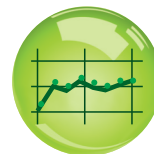
Based on Principles of Dew Point Control



Low Power & Water Consumption



More Storage Area



No short term Deviations



Less Breakdown