CLIMATIC CHAMBER WITH HUMIDITY CONTROL

SolidSteel

// CABINET FEATURES:

• Expanded polyurethane thermal insulation walled including doors;

• Low levels of temperature loss to the outside environment;

• Internal chamber in stainless steel;

• External cabinet and shelves made of 1020 carbon steel with epoxy powder coating;

• Electrostatic smooth epoxy powder coating, corrosion resistant;

• Leveling rubber feet on bench incubators and swivel castors on ground

incubators;

• Blind door with magnetic seal.

// OPTIONAL:

• Calibration certificate from RBC/INMETRO for temperature control;

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• Output for software communication;

• Ramp and level's controller with 4-20 mA output for software temperature recording and monitoring;

• Humidity control and/or photoperiod;

• Internal lights;

• Osmosis inversa.

// INCLUDED ACCESSORIES:

• Shelves.

// TECHNICAL DATA:

TEMPERATURE RANGE	From -10°C up to 60°C (other temperatures under analysis)
ELECTRICAL RESISTANCE	Stainless steel shielded resistance (easy to replace)
TEMPERATURE CONTROL	PID system controller by microprocessor and auto tuning
DISPLAY	LED 4 digits
RESOLUTION	0.1°C for temperature indication on process
TEMPERATURE SENSOR	PT 100
CONTROL PRECISION	0,1 °C
UNIFORMITY	+/- 2°C
CONTROL STABILITY	+/- 0,5°C
HUMIDITY SENSOR	Honeywell with stainlees steel rod and polymer protection filter
CONTROL STABILITY	+/- 2% UR
UNIFORMITY	+/- 5% UR
WATER FEED	Automatic feed through water system or manualy
PROTECTION DUE TO LACK OF WATER	Automatic shutdown of humidty system in case of lack of water
POWER CABLE	3 pins - Brazilian Standard (NBR 14136)
HERMETIC COMPRESSOR	Compressor with CFC free R 134 A
THERMOSTAT SAFETY SYSTEM	Safety against temperature rise and automatic shutdown of the cooling system
VENTILATION	Silent system with vertical hot and cold forced airflow, to ensure homogeneity inside the chamber
POWER SUPPLY	110V ou 220V (must be defined by customer)

// MODEL DETAILS:

MODEL	CAPACITY	INTERNAL MEASURES	POWER	SHELVES
SSCCu 40L	40 liters	34X34X36cm	600 W	3
SSCCu 64L	64 liters	40X4040cm	1100 W	3
SSCCu 85L	85 liters	45X45X42cm	1100 W	3
SSCCu 110L	110 liters	53X48X42cm	1100 W	3
SSCCu 150L	150 liters	60X50X50cm	1100 W	3
SSCCu 180L	180 liters	50X60X60cm	1100 W	3
SSCCu 300L	300 liters	80x54x70cm	2000 W	2
SSCCu 340L	340 liters	145x54x44cm	2000 W	2
SSCCu 480L	480 liters	100X80X60cm	2000 W	3
SSCCu 630L	630 liters	100X90X70cm	3000 W	3
SSCCu 1152L	1152 liters	120X120X80cm	5000 W	8
SSCCu 1600L	1600 liters	160X100X100cm	5000 W	8

Notice: Any product presented can be produced according to customer's needs. All models come with English language instruction manual. 1-year warranty against manufacturing defects.