



CAVALLO s.r.l.
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CLIMATIC TEST CHAMBER



Technical characteristics:

Temperature light and Humidity control
Temperature range: +5°C/+50°C with Humidity OFF
Temperature range: +15°C/+50°C with Humidity ON
Construction in stainless steel as per AISI 304 18/8 both inner and outer case
High density insulation through foamed-in-place polyurethane
Stainless steel frontal door with lock and key
Transparent inner door
Refrigerating Device located in the upper part of the chamber with C.F.C. free air cooled device, inner ventilation to uniform temperature.
Heating through Resistors easy to be replaced
Humidity Device through hot steam Generator, water condense Tray positioned below the chamber (to be filled with treated water) Tank with floating switch included

Lighting device positioned inside n.2 side doors through:

.2 inspection side Doors (outside in painted steel and inside in stainless steel).

Lighting device through n.12 '36 watt' white Fluorescent Lamps (n.6 inside left door + n.6 inside right one)

Lux details: 12 lamps ON = direct light 5500 LUX – spread light 20000 LUX

8 lamps ON = direct light 3800 LUX – spread light 14600 LUX

4 lamps ON = direct light 1900 LUX – spread light 8160 LUX

Thermic insulation with n.2 side termopan fixed wall (no access. To be used for inspection only)

Fan on each side door to cool down lamps

Control Panel Board completed with:

-Temperature Digital Microprocessor Thermo-Regulator Ascon M33107, auto-tuning P.I.D. control
4-20 mA signal re-transmission for Recorder connection

- Humidity Digital Microprocessor Thermo-Regulator Ascon M33107, auto-tuning P.I.D. control
4-20 mA signal re-transmission for Recorder connection
 - Min/max safety thermostats with visible alarms
 - 24/H week Timer to program light
 - Switch for direct or programmed lighting
 - Mains Switch
 - Refrigerating Device Switch
 - Humidity Device Switch (ON/OFF)
 - Humidity Safety Lamp (Lack of Water in Tank)
 - Safety Lamps
 - Fuses
- V. 230/1 Hz. 50
CEI 62-25 Electric device – CE Marking



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Mod. 700CFLU

Capacity lt.546
Int. Dim.: mm.600 x 650 x 1400H
Ext.Dim.: mm. 89*0 x 900 x 2070H
N° 4 Shelves (grid easy to move cm.53x59)
N° 4 Wheels/Castors Kit (n.2 with stop block)

Mod. 1400CFLU

Capacity lt.1183
n.2 frontal Doors
Int. Dim.: mm.1300 x 650 x 1400H
Ext.Dim.: mm. 1600 x 900 x 2070H
N° 8 Shelves (grid easy to move cm.53x59)
N° 4 Wheels/Castors Kit (n.2 with stop block)

options:

- Walk-in models
- Ø 35 Hole/Port
- Temperature/Humidity Programmers
- Temperature/Humidity Protocols
- IQ/OQ Protocols and Protocol Tests
- Video Recorder with colour Display 'Memograph M RSG40' with n. 4/8/12 channels
FDA 21CFR Part 11 user administration



MADE IN ITALY