Climate chamber with CO2

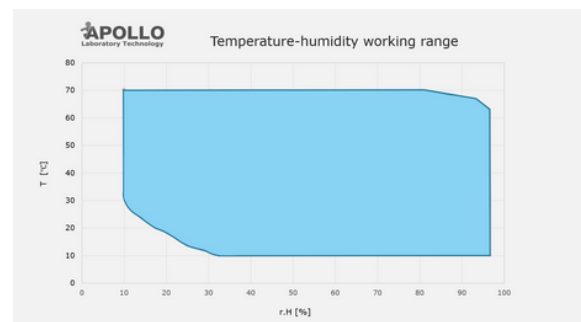# CLH-CO2 700

+0...+70°C / 10% - 98% rH / 0 - 20% CO2

Standard equipment:

- ✔ RAL 9016 coated exterior
- ✔ Interior made of AISI 304 acid-resistant steel
- ✔ 70 mm insulation
- ✔ Environmentally friendly refrigerant
- ✔ CO2 regulation
- ✔ According to regulations EN 12390-2
- ✔ Solid door with replaceable seal
- ✔ Mechanical door lock
- ✔ Automatic door closing system`
- ✔ Possibility of changing doors L/R
- ✔ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1k
- ✔ Capacitive touch screen controller
- ✔ Dynamic cooling and heating system
- ✔ Visual and sound alarm for high and low temperature
- ✔ Open door alarm
- ✔ Dirty condenser coil alarm
- ✔ Faulty temperature sensor alarm
- ✔ External alarm output potential-free contact
- ✔ Auto defrost and condensation evaporation
- ✔ Antifreeze system
- ✔ Shelf guides / horizontal supports
- ✔ 4 coated wire shelves
- ✔ Adjustable shelf position
- ✔ Access port Ø10mm
- ✔ 4 swivel casters, 2 of which have brakes
- ✔ 2 additional adjustable feet

Optional equipment:

- ✔ Temperature sensor
- ✔ Additional access port in the wall Ø10mm
- ✔ Glycol container
- ✔ Adjustable PVC feet
- ✔ 75 mm drawer with dividers
- ✔ 150 mm drawer
- ✔ Additional shelf guides / horizontal supports
- ✔ Additional shelves (coated wire, stainless steel wire)
- ✔ LED lighting
- ✔ External housing made of acid-resistant AISI 304 steel

Temperature-humidity working range

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CLH-CO2 700

- 7 inch touchscreen
- Uniform temperature
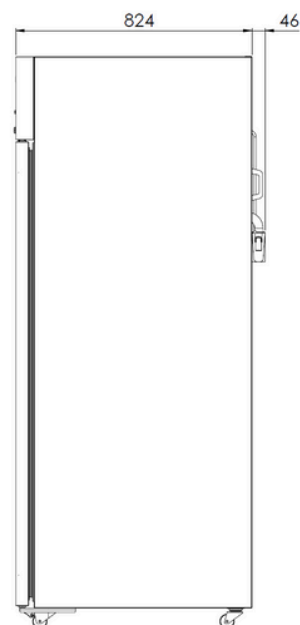- Accurate humidity
- Access port Ø10mm
- Possibility of changing doors L/R
- 4 swivel casters, 2 of which have brakes

Technical specifications:

	Width	Depth	Height
External dimensions [mm]	740	870 (824)	740
Internal dimensions [mm]	600	680	600
Cooling unit type	Internal		
Cooling type	Dynamic		
Gross capacity	610 [liters]		
Net capacity	580 [liters]		
Weight	130 [kg]		
Max. load	120 [kg]		
Number of shelves	4		
Number of guides / horizontal supports	8		
Max. shelf load	30 [kg]		
Temperature range	+0...+70 [°C]		
Temperature uniformity depending on set point	± 0.5 - 2.5		
Temperature fluctuation depending on set point	± 0.1 - 0.5		
Ambient conditions	± 0,1 [°C] – 1 [°C]		
Humidity range	10% tot 98%		
Moisture fluctuation	4%		
CO2 range	0 – 20%		
CO2 adjustability	0,1%		
CO2 accuracy	+/- 0.40 at 5% measured		
CO2 connection	Max. 5 bar		
Environmental Conditions	Max. +25 [°C] op 60% RH		
Refrigerant	R290		
Power	230/50 [V/Hz]		
Number of external doors	1		
Noise level	55 [dBa]		
Power rating	1500 [W]		
Rated current	6.5 [A]		

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