



**CAVALLO s.r.l.**  
via Mulino 5/B  
20090 BUCCINASCO (Milano) ITALY  
T.++39.0245101515 Fax +39.0245100234  
e-mail: [info@cavallocom.it](mailto:info@cavallocom.it) [www.cavallocom.it](http://www.cavallocom.it)



## Refrigerated Incubator model C4TALU



### Technical features:

#### **4 different light intensity: 1000 Lux - 2000 Lux - 3000 Lux - dark chamber**

Simulates reproducible Light and climatic conditions of Temperature, Humidity and Light distribution

Temperature range: +10°C/+40°C (accuracy  $\pm 2^\circ\text{C}$  all over inside the chamber, read on display  $\pm 0,1$ )

Humidity range: from ambient to 85% (accuracy  $\pm 5$  all over inside the chamber, read on display  $\pm 1$ )

Outer case in stainless epoxy painted steel plate with acid and rust-proof ground

Internal chamber in stainless steel as per AISI 304

External Door in enamelled steel and interior in stainless steel

Heating provided by stainless steel sheathed resistors

CFC-free refrigerator unit for ozone and environment protection (Art.549/93)

Overpowered compressor

Fan-forced air circulation

n.3 stainless steel Shelves

Lighting device positioned inside the front door: n.8 Lamps (36 watt each) protected by transparent panel fan to cool down Lamps

Hot steam Humidity device complete with plastic tank complete with tap and floating switch

Tank to be filled with treated water (not regular tap water).

Control panel housing:

n.2 Ascon M3 microprocessor Temperature/Light regulator PID autotuning

n.1 Ascon M3 microprocessor Humidity regulator PID autotuning

24 hour Timer to set temperature and light



**CAVALLO s.r.l.**  
via Mulino 5/B  
20090 BUCCINASCO (Milano) ITALY  
T.++39.0245101515 Fax +39.0245100234  
e-mail: [info@cavallocom.it](mailto:info@cavallocom.it) [www.cavallocom.it](http://www.cavallocom.it)



over temperature safety thermostat  
max temperature alarm light  
under temperature safety thermostat  
min temperature alarm light  
switches for n.3 lux intensity (min/ave/max)  
switch to choose between direct or programmed temperature  
switch to choose between direct or programmed lighting  
Humidity switch  
Humidity alarm (lack of water in tank)  
line switch  
indicator lamps  
safety fuses

**Model C4TALU**

int. dimensions: cm. 61x63x100 H = lt. 384  
ext.dimensions: cm.102x80x155 H

230V - 50 Hz Single phase Electric system acc. to CEI 62-25