



# Precise refrigerated cabinet "Hotcold UC"

**FORCED AIR CIRCULATION.**  
**DIGITAL ELECTRONIC CONTROL OF TEMPERATURE AND TIME.**  
**HOTCOLD UC ADJUSTABLE TEMPERATURE FROM -10 °C TO 65 °C.**



### SAFETY:

**DIN STANDARD 12880.2 SAFETY THERMOSTAT FITTED THAT DISCONNECTS POWER TO THE HEATER IF THE CONTROLLER FAILS. MANUAL RESET.**

### PRECISION TABLE

**STABILITY** ..... ±0.5 °C, UP TO 20 °C  
**HOMOGENEITY** ..... ±1 °C, UP TO 20 °C  
**SET ERROR** ..... ±1 °C  
**RESOLUTION** ..... 0.1 °C

### FEATURES

- Exterior case, door and interior made from AISI 304 stainless steel.
- Steel shelves, PVC laminated.
- Door with lock and easy to replace gasket, with automatic return mechanism and manual lockout.
- Hermetically sealed compressor with anti vibration mounts with fan forced evaporation unit with ventilated condenser.
- Homogeneous internal temperature by forced circulating air.
- Supports for shelves adjustable in height
- Integrated interior light.
- Adjustable front footrest.
- Refrigerant R404a.
- Side hole for entry and exit connections.
- Two safety power sockets.
- Two external ports protected by magnetothermic for external connections.
- Download records in USB memory.
- Automatic defrosting function.
- Indoor air circulation for a correct homogenization of the temperature.
- Graphic visualization of the program.
- Supplied with wheels.

### CONTROL PANEL

**Model with 4.3 inches TFT touch screen.**

- Main switch.
- TFT touch screen:
- Visual alarm .
- Clock calendar.
- Single or cyclic On / Off programming.
- Up to 10 work programs.
- Up to 6 segments per program.
- Stability time in each segment (from 1 min to 99h) .
- Alarms and events storage.
- Probe error detection.
- Self Diagnostics.
- Network failure detection and saving.
- Over temperature and low temperature alarms and memorization (date, start time, end time and temperature).
- Safety thermostat (TS) by software.
- Mechanic safety thermostat (TS) .
- Temperature control auto-tuning.
- Configurable parameters: Date / time, temperature correction , data collection interval, language (English, Spanish and French) , °C / °F selection , over temperature and low temperature limit.



### MODELS

HOTCOLD	Part No.	Range °C	Capacity litres	Height / Width / Depth (interior) cm	Height / Width / Depth (exterior) cm	Door	Included shelves	Power W	Weight Kg
<b>UC</b>	<b>2101515</b>	<b>-10 +65</b>	<b>670</b>	<b>154 61 63</b>	<b>213 73 84</b>	<b>Metallic</b>	<b>3</b>	<b>520</b>	<b>120</b>

They are supplied with 3 steel trays, plasticized in PVC.

**NOTE:** the HOTCOLD has internal power sockets that allows the use of a non-heating mixer shaker or stirrer or equipment for BOD assays to be powered internally. Alternatively power cables can be fed through external ports at each side of the unit. See chapter Mixers stirrers and shakers.

### SPARES

Tray + 2 guides. Part No. **1001858**