

KLIMA FOOD CONTROL SYSTEM

Patented

Multitasking cabinet DATA SHEET 1500

N.B. Temperature inside the room where Klima is placed: min/max +10°C/+40°C.
Outside this range, KLIMA technology shall not work correctly.

DATA SHEET 1500

Length (mm): 1500
Depth (mm): 850
Height (mm): 2115
Pallet size (mm): 1570x920x2150

KFCS1500PV / KFCS1500PC

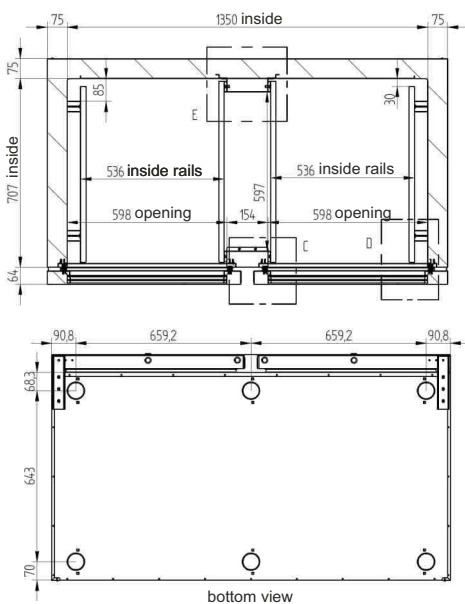
Net weight (kg): 295 / 255
Packed unit weight (kg): 320 / 280

Litres capacity: 1500 LT
Production capacity (kg): min 30 - max 230
Electrical power: 2,9 kW
Electrical connection: 230V - 50-60 Hz

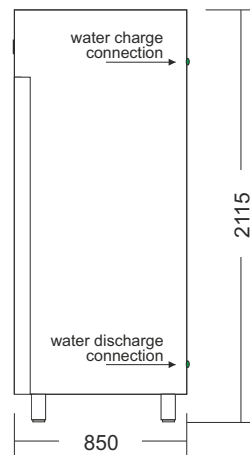
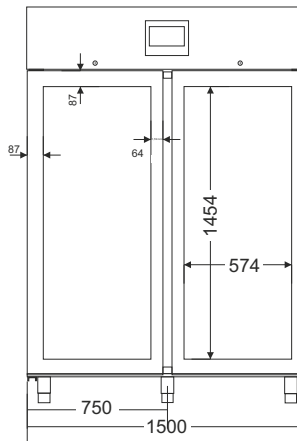
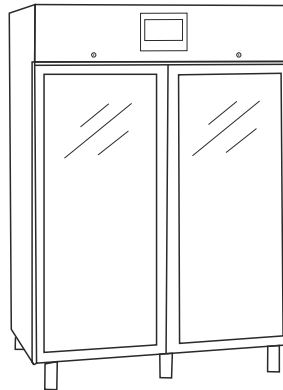
Models:

- KFCS1500PV - 2 glass doors
- KFCS1500PC - 2 inox doors

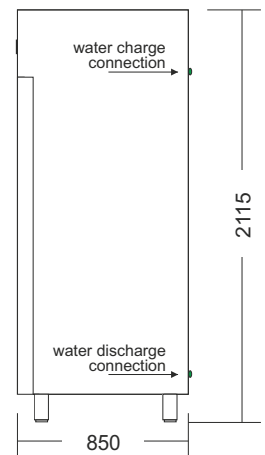
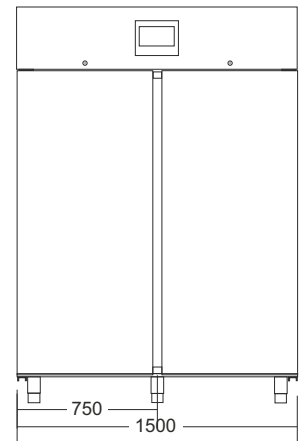
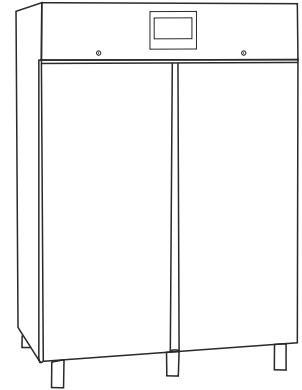
- Entirely made of AISI Scotch-Brite stainless steel inox with AISI 430 inox steel back panel
- Insulation through 75mm cyclopentane
- Hidden evaporator
- NEW!** Double refrigeration system: independent and autonomous with horizontal ventilation on sides and vertical suction to achieve temperature and humidity uniformity all through the chamber
- Adjustable inox steel feet
- Key hole on front
- Internal gearing with AISI 304 inox steel rails
- Self-closing doors with gasket.
- Door switch



KFCS1500PV

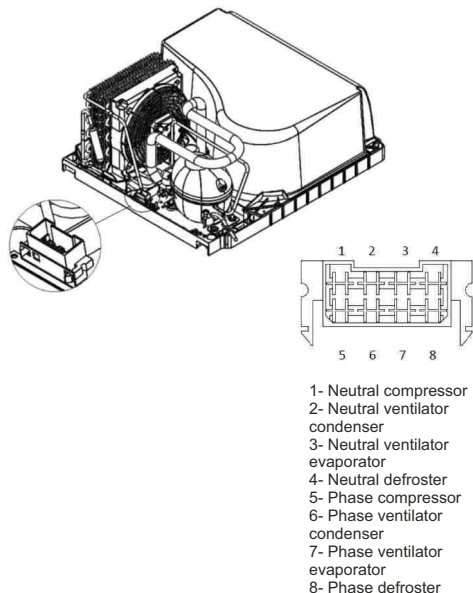


KFCS1500PC



KLIMA FOOD CONTROL requires a water charge/discharge connection of treated water, max. size 3/8 Ø. If it is not possible to connect the cabinet to the water supply system, you can buy, as optional accessory of KLIMA range, a drip tray and condensation evaporator. Drip tray size: mm.280 x 130 x 70 h

PATENTED SINGLE BLOCK REFRIGERATION GROUP



- **Energy Efficiency Class 5 (Tropicalised)**
- **Gas R290 = GWP 3** (Global Warming potential = GWP) (R134a – GWP 1430) - (R404-GWP 3922)
- Assembled using low environmental impact material, such as EPS and PP
- **High efficiency unit with HC-R290 natural cooling gas**
- **Warm gas smart defrosting system** which starts automatically only when necessary
- High efficiency version with low consumption motor fans and compressors
- Effective internal air circulation thanks to high efficiency ventilation system
- Autonomous evaporation of condensed water which starts automatically when condensation is formed
- Built-in evaporator to keep more free space inside the chamber
- Big sized condenser and evaporator
- Forced ventilation
- **Fast Service System:** simplified maintenance and assistance (do not require specialized personnel, simple and quick operations)
- Self-cleaning wire condenser, no maintenance needed.
- Refrigerating power 348W - Electrical power 244W

TECNICAL MANUFACTURING FEATURES

- Electronic control panel with IP65 capacitive Touch Screen
- HD 7 inches LCD display with backlight
- Sound and visual alarms
- Light sensor for brightness adjustment
- Customizable graphic and icons for quick access to parameters and programs
- Clock and calendar
- Multilanguage
- Advanced HACCP function with details memorization
- Manual or automatic execution of the desired program
- Automatic management of 21 stages for each program
- Temperature adjustment range from -2°C to +35°C
- Electronic thermostat
- High quality humidity probe 0-99H.R. %
- GSM connection modem with Sim card, for receiving on your phone notifications about malfunctions
- HACCP compliance
- Internal lightening with LED light bars
- Patented all back or sides long airflow conveyor designed and balanced to obtain perfect and uniform temperature and humidity
- Indirect ventilated refrigeration with horizontally conveyed airflow
- Top quality inox steel heating elements
- Inox steel housing box for humidity probe with movable and changeable lid and according to the function in execution (standard or sanitization)
- Air extractor for chamber oxygenation. Automatic and settable to execute H24 repetitions. This system allows to extract the air from the chamber, which is saturated with gases due to the fermentation process and the action of the mildew which could compromise the final result.
- Safety electronic thermostat for max temperature
- Water discharge for the condensation of the humidity generator, already suitable for being directly connected to the water supply system, equipped with: quick coupler and 4 mt of discharge pipe sized 6 mm. Otherwise, on request, a tank with automatic electric evaporation of condensation is available
- Automatic humidity generator to refill the chamber Power 850V
- USB door + micro USD
- 1MB memory
- Glass door with full stainless steel frame
- Possibility to set 20 processes per each function
- **NEW** : electrical box with power jack plugs
- Inox rails with roll over protection

STANDARD EQUIPMENT

OXIGENKLIMA (patented) Technology aimed at ensuring food biosafety and health during processes and for treating the internal chamber and components to eliminate bacteria and smell after processes.

OPTIONAL, ON REQUEST

Water softening filter to treat the water used by the humidity generator system, complete with head, litre counter.