

709 1200/DC/SG

Blast chiller/Freezer
XL-TCI Series



CAPACITY :

- **Trolleys are not furnished**
- 4 Trolley type industrial 1 000 x 1 000 x H 2 000 mm / 4 Pallet EUROP 800 x 1 200 mm
- The treatment conditions of the TCI1200DC, in Chilling and freezing, must be confirmed after a study of your process. Feel free to contact our sales service to give more details about the products to treat.

SPECIFICATIONS :

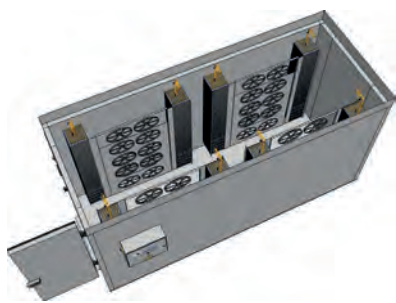
- Ext Dimensions (mm) : Width 2 570 x Depth 5 170 x Height 2 800 (SG)
- Int Dimensions (mm) : Width 1 200 x Depth 5 000 x Height 2 200 mm
- Total depth, door open : 1 300 mm.
- Hinges on the right (inversion on request)
- Open door depth : 1 300 mm.
- Insulation 17 mm thickness in polyurethane CFC free.
- Finish in high-temp polymerized steel
- Exterior grey, interior white
- Delivered dismantled

TECHNICAL :

- 4 refrigeration system with :
 - 8 vertical-type evaporator
 - 40 reinforced fans of 3 740 m³/h each
 - CFC free refrigerant (449A)
- Refrigerating power according to the evaporation T° : Consult us
- Power supply to install cell : 37A
- Tension and frequency : Tri 400V + T + N, 50 Hertz

SIMPLY III ELECTRONIC :

- Simply electronic controller, 4 keys
- Program mode: 10 settable recipes, several blowing sequences
- 4 automatics modes (core probe/timer, cheeling or freezing)
- Automatic transfer through storage mode (adjust T°C) with v
- Programmable de-icing mode
- Duration setting for end of cycle alarm
- Display of a countdown between 2 programmable temperature in heart (ex : +63°C to +10°C core T°C)
- Improved ergonomics temperature display (fixed display) and time (flashing display)
- Blowing T°C control to avoid the superficial freezing (Example curve)
- Autotest and defects signal (default probes, ventilation, group)
- Automatic restart on popping in the selected mode (product storage maintained)
- Easy maintenace : probes on WAGO plugs, setting for inversion of the 2 probes (without manual intervention)
- Settable minimum duration for the probe cycle, to secure the cycle in case of bad positioning of the core probe
- Output RS 485
- Reinforced Stainless multipoints core and ambient probes with wide amplitude +90°C / -50°C
- Tropicalized controller, certification CEM and ROHS



Débit ventil : 40 x 3 740 = 149 600 m³/h



SPÉCIFICITÉS :

- Compatible unit with R452A, R448A, R449A, R407F, R404A, fluids (CO2 consult us)
- Unit ordered without condensing unit (CU), brazed exp. valves and suction and liquid collectors to be supplied and mounted by yourself
- XL Unit ordered with ACFRI CU, brazed exp. valve(s) R452A and suction and liquid collectors to be supplied and mounted by yourself
- For an R407F use, CU, brazed exp. valves and suction and liquid collectors to be supplied by yourself.

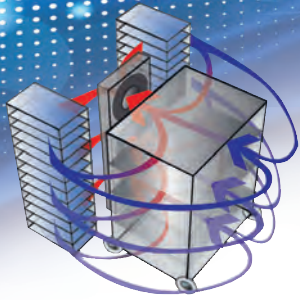
ACFRI

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N° TVA Intracommunautaire : FR 55 341 837 003





TECHNOLOGY :



- ACFRI technology (vertical-type evaporators, central ventilation)
- Vertical homogeneity of the blowing temperature
- Anti-erosion painted evaporators
- Horizontal fins producing an « Air Blade » effect on the whole height
- Deported evaporators avoiding the ventilation power losses
- Suited space between the fins slowing down the icing
- Evaporators height suited to the room
- Door heating strips
- Insulation (polyurethane) and refrigerant (R449 A) without CFC
- Fans with high flow and reinforced waterproofness, low temperature greasing.
- Fans with collar to optimize the power and air flow
- Stainless steel ventilation grids

CLEANING AND MAINTENANCE :



- EXW
- Defrosting resistances
- Door heating strips
- Rounded inner corners
- Easy-removable door seal (without tools)
- Suspended refrigeration system allowing a 100 % cleaning of the floor.
- Powerful ventilated de-icing
- Pivoting ventilation system for an easy cleaning and maintenance.
- Reinforced polyurethane frames (rotproof) for panels assembly points or hinges.
- Reinforced waterproofness for the electric board and the remote display.
- Reinforced hinges with raising ramps

FLOOR :

Cycles succession (frost-desfrost) makes the under cell floor protection a necessity. ACFRI cells are standard equipped with a floor protecting for the existing floor in standard utilization conditions.

The standard floor supplied with ACFRI cell trolley does not required to excavate.

A cell without floor causes resin degradation, tile and concrete bursts.

In case of prolonged and intensive use, insulation floor option is recommended.

Standard :

- 17 mm stainless steel floor made of 15 mm width Polyethylene sole coated with a 20/10 stainless steel sealed edge sheet.
- One piece made floor with interdependant mini ramp to prevent infiltration by the doorstep.

CAUTION : *The succession of cycles make the floor protection a necessity. The insulate floors avoid damages on the floor.*

CONFORMITY :

- NF U 60010, HACCP, Qualicuisine, CE Directive machine UE
- Certification of the electronical controller to the CEM standard
- Condensing unit and fans in ERP conformity
- Recycling : ACFRI in partnership with an Eco-certified Agency

AVAILABLE OPTIONS

CELL

- Connector for an easy removal of the core probe
- Door handle with lock
- Additionnal door
- Reinforced insulated floor

- Remote emergency stop
- Remote plastic IP65 Box
- Remote stainless steel IP66 Box
- Stainless steel interior
- Stainless steel exterior

RÉGULATION

- Defrosting mode for simply 3
- USB port output + 1 key provided
- Integrated printer + USB (list mode available)
- List mode for usb Simply 3 (product identification on USB or ACFRI printer)
- Settings mode usb simply 3
- Simply'Touch



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