

COLD ROOMS

Blue Room





GAMME BLUE ROOM

POSITIVE AND NEGATIVE COLD ROOMS

The modular cold rooms of the **BLUE ROOM** range are designed for the conservation of food products on shelves or storage

carts. Available in **Blue Room Positive (BRP)** and **Blue Room Negative (BRN)**, their use is adapted to all sectors and allows

to optimize the organization of the work in the laboratory while guaranteeing the respect of the hygiene rules in force.



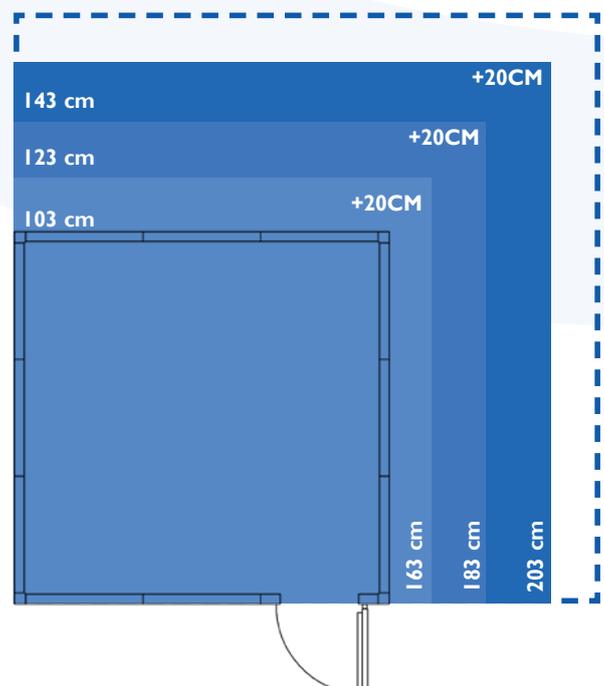
Thanks to their modular construction and simple installation, the Blue Room range of chambers can easily be integrated into bakery, pastry, butchery and delicatessen laboratories, restaurant kitchens and food stores, or any other activity.

The **BRP** models, with positive temperature, are intended for the conservation of food products at a temperature of $+2^{\circ}\text{C}$, while the **BRN** models, with negative temperature, are intended for the conservation of food products at a temperature of -20°C

A FOOLPROOF MODULARITY

The BRP and BRN chambers are available in a large number of models, depending on the width and depth chosen (**increments of 20 cm**). They have an interior height of **2.03** meters, **2.23** meters or **2.43** meters.

The modular design of the chambers allows each user to find a chamber adapted to his needs, according to his production, his work organization and the constraints of his laboratory.



QUALITY, ROBUSTNESS AND EASE OF ASSEMBLY

- The panels are insulated with high pressure 43kg/m³ polyurethane foam, thick of 60mm for BRP and 100mm for BRN, food grade PVC coating.
- If a BRP and BRN chamber are adjoined, we standardize the thickness of the panels to 100mm to ensure visual harmony within your laboratory.
- All BRP and BRN chambers are delivered disassembled. The assembly of the panels is done by eccentric hooks.
- The combination of the thickness of the insulation, in rigid polyurethane foam, and its density, limits the losses and the energy consumption by adapting them to the operating regime of the apparatus.
- The integrated rounded corners allow a simple and efficient cleaning, thus satisfying the hygiene standards.



DOORS

The rooms of the Blue Room range are equipped with pivoting doors with aluminium profile, without visible screws, hinged on the right (on the left on request). With a free passage of 800, 900 or 1100 mm (height 1900mm), they are equipped with a handle with key lock.

To meet every need, CFI also offers optional sliding doors with a free passage of 900 or 1100 mm.



FLOORS

STANDARD : grey plastic-coated insulating floor, thickness 15 mm (not mandatory for BRP).

OPTION : reinforced floor in embossed aluminium.

TECHNICAL SPECIFICATIONS



ASSEMBLY

The system of «linear» joints between the panels and the different elements guarantees an excellent watertightness and gives the Blue Room a great adaptability of configuration.



Corner plugs for a perfect junction of the panels



Pressure relief valve



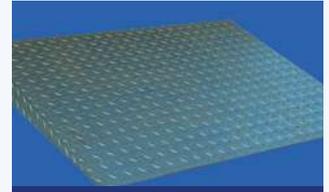
Door seal



Evaporator

OPTIONS AND ACCESSORIES

- Sliding door with different passage widths.
- Additional swinging door with different passage widths.
- Insulating PVC floor thickness 15mm.
- Reinforced aluminium embossed floor.
- Reinforced aluminum access ramp.
- LED lighting kit.
- Strip curtain.
- Temperature recorder.
- Security key « Person Locked-in »
- Control and regulation panel.
- Decompression valve.
- Positive or negative refrigeration equipment.
- Standard tropicalized H.T.A. unit. (High Ambient Temperature +43°C maximum).
- Silent unit.



Access ramp



Finishing rail and strip curtain



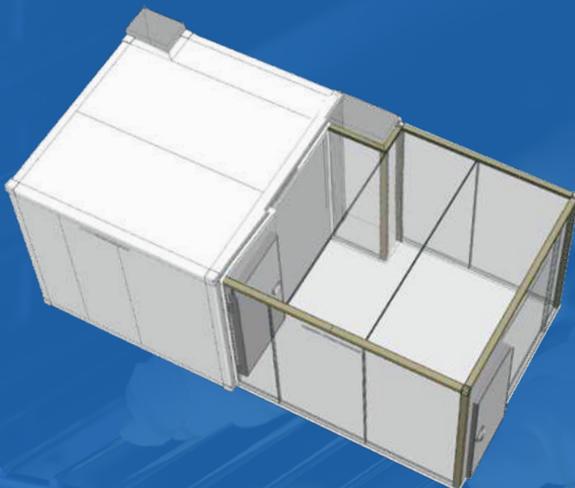
Control panel



Standard unit



Silent unit



SPECIAL EXECUTIONS

Upon request, we can help you with custom projects or specific configurations, such as:

- Fermentation Chamber or Positive Chamber as an airlock for a Negative Cold Chamber.
- L-shaped or U-shaped post integration.

AWARE OF THE CHALLENGES OF SUSTAINABLE DEVELOPMENT AND ENERGY REDUCTION, CFI IS COMMITTED TO A RESPONSIBLE APPROACH

The evolution of the F-Gas regulation and the progressive deployment of taxes in Europe are directing refrigeration installations towards green fluids which constitute an alternative to HFCs, which are harmful to the environment and subject to increasingly demanding regulatory constraints.

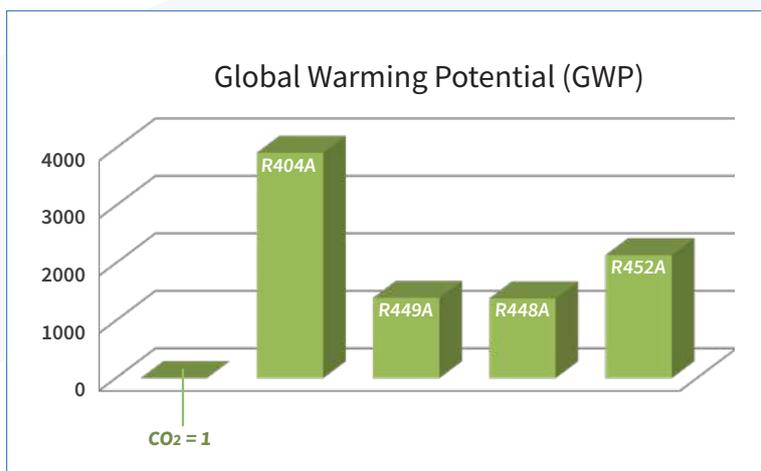
That's why CFI offers its environmentally friendly, reliable and sustainable CO2 refrigeration solution for its Blue Room storage rooms.

R744 is a natural gas, not subject to the restrictions of the European F-Gas Directive, which has an extremely low environmental impact (GWP = 1).

A ROOM THAT THINKS OF THE PLANET

With a strong will to accompany its customers in their energy transition and to bring them more and more eco-responsible solutions, CFI has launched the **CFI For Climate program**: a commitment to energy-efficient equipment that maintains CFI's recognized efficiency and quality performance. The Blue Room is in line with this commitment to offer a more responsible equipment solution.

The use of R744, a natural fluid with a very low Global Warming Potential, also contributes considerably to this reduced consumption (with a GWP of 1, its impact on the greenhouse effect is, for example, 41387 times less important than the R448a gas previously used).



NATURAL GAS
CO₂ (R744)



ENERGY
EFFICIENCY



AVERAGE
TEMPERATURE
(-5°C to +5°C)



LOW
TEMPERATURE
(-18°C to -20°C)



LOW
SOUND
VOLUME



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