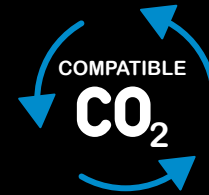


Boreal



Walk-in cold room - positive temperature

Characteristics

- The rooms are characterized by their storage capacity, expressed in m³, and by their interior dimensions: width and depth
- They are available with 3 different interior heights: 2 m, 2.25 m and 2.4 m

The advantages

- **A fully modular line**
- **A robust, top-quality construction**
 - Panels custom made in our plant
 - Panel finishing composed of a 120- μ thick layer of stiff, scratch-resistant and humidity-resistant PVC
- **Fully equipped as a standard feature:**
 - LED lighting
 - Self-defrosting
- **Rooms simple and quick to assemble**

Use

The Boreal rooms are used to store and conserve bakery and pastry products.

Operating principle

The ingredients are stored on shelves or in storage racks inside the room.

Construction

Panels

Injected polyurethane foam, density: 42 kg/m³
Galvanized steel lining covered by a food-grade PVC film 120 microns thick
Composed of 60-mm isothermal panels
15-mm insulated floor or 17-mm stainless steel reinforced insulated floor as an option

Doors

Solid, composition identical to that of the panels,
single leaf, reversible on-site
Ergonomic door handle Wear-resistant door hinges

Technical elements

Ceiling-mounted evaporator
Self-defrosting
Automatic shutdown of open-door ventilation
Temperature recorder and safety kit for spaces larger than 10 m³
LED ceiling light fixture triggered by door opening

Assembly

The panels are to be assembled on-site
Assembly of panels by means of excentric hooks

Walk-in cold room - positive temperature **Boreal**

Boreal	Positive
Controls	
Basic electronic controls	■
Construction: panels	
Both interior and exterior made with PVC-lined steel	■
Stainless steel interior and PVC exterior	-
Stainless steel interior and exterior	€
Construction: door	
Left door handle	■
Right door handle	□
Reversible door	■
Double-leaf door	-
2 doors on the front	-
2 "tunnel" doors	-
Temperature read out at opposite side in the case tunnel model	-
Interior and exterior protection door bumpers	-
Interior protective bumpers rails	-
Spiral ramp door hinges (raises door while opening)	■
Rack entry : by the small dimension	-
Rack entry : by the large dimension	-
Door heating gasket and pressure relief valve	-
Equipment - fit-out	
Ceiling-mounted evaporator with single-flow technology	■
Ceiling-mounted evaporator with double-flow technology	-
Automatic-defrosting	■
Automatic ventilation shutdown at door opening	■
Ceiling-mounted light fixture triggered by door opening	■
Temperature recorder and safety kit for room volume ≥10 m3	■
Without walk-in floor	■
Insulated walk-in floor, skid resistant, 15-mm thick with its 280-mm deep stainless steel access ramp	€
Insulated, stainless steel walk-in floor, skid resistant, 17-mm thick with its 280-mm deep access ramp	€
Insulated walk-in floor, skid resistant, 90-mm thick	-
Reinforced insulated floor 90-mm thick, for heavy load racks	-
Stainless steel-reinforced access ramp	-
Strip curtain	€
Refrigerating unit	
Standard	■
Remote	€
Tropicalized (recommended option with refrigerants R448A and R449A)	€
Remote and tropicalized (recommended option with refrigerants R448A and R449A)	€
Silent and tropicalized standard unit	€
Silent, remote and tropicalized standard unit	€
Silent, tropicalized PREMIUM unit (SCROLL - refrigerants R404A, R448A, R449A)	€
Silent, remote, tropicalized PREMIUM unit (SCROLL - refrigerants R404A, R448A, R449A)	€
Assembly	
Delivered disassembled	■
Power supply	
400 3PH+N+G 50 Hz	■
440 3PH+N+G 60 Hz	€
208/220 3PH+N+G 60 Hz	€
Other voltage*	€

In case Boreal is to be connected on factory's central refrigeration system: consult us

*Maximum 7-week delivery period for the other voltages.

Walk-in cold room - positive temperature **Boreal**

Refrigerating equipment									
Boreal			Positive						
Processed volume	(m ³)	> 6,8	6,8 - 10,6	10,6 - 13,1	13,1 - 14,9	14,9 - 19,3	19,3 - 24,9	24,9 - 27,9	27,9 - 36,4
Type of evaporator		Ceiling fixture with self-defrosting							
Available liquid refrigerants		R404A / R452A / R449A / R448A							
Electrical power	(kW)	2	2	4	4	6	6	6	6
Intensity	(A)	6	6	8	8	10	10	10	10
Information relative to the standard power unit									
Voltage	(V / Hz)	MONO 220-240 / 50	TRI 400-440 / 50-60						
Refrigeration power at -10°C	(kW)	0,95	1,4	1,7	1,9	2,4	3	3,4	4,8
Information relative to the noise reduction unit									
Voltage	(V / Hz)	TRI 400-440 / 50-60							
Refrigeration power at -10°C	(kW)	0,95	1,4	1,7	1,9	2,4	3	3,4	4,8
Information relative to the premium noise reduction unit (Scroll technology - exclusively with refrigerants R404, R448 and R449)									
Voltage	(V / Hz)	Unavailable						TRI 380 - 420 / 50	
Refrigeration power at -10°C	(kW)	Unavailable						3,58	4,24

Dimensional characteristics						
Exterior dimensions						
Type of room	Width (mm)	Depth (mm)	Spacing (mm)	Height (mm)		
				Standard	Floor option	
				Without a floor	Walk-in floor	Reinforced insulated floor
2000	1840 - 4120	1270 - 3550	190	2065	2080	2160
2250				2316	2330	2410
2400				2471	2486	2572

Type of room	Effective interior dimensions				Door			
	Height	Width	Depth	Volume	Free clearance between panels	Maximum height	Door clearance	Type of door
	(mm)	(mm)	(mm)	M3	(mm)	(mm)	(mm)	
Boreal P200	2000	1720 - 4000	1115 - 3430	3,9 - 27,5	690	1800	880	Single door
Boreal P225	2250				930	1950	1120	
Boreal P240	2400				930	1950	1120	