



Ambient Air Bread Cooler / Combined Ambient & Cold Air Bread Cooler

Characteristics

- Ambient air bread cooler model:
 - 2 and 4 racks 600x800 mm
- Combined Ambient & Cold Air Bread Cooler model:
 - 4 racks 600x800 mm only

The advantages

- Improves the final quality of the product: crispness preserved
- Limits increase in temperature in the bakery
- Optimisation of bread cooling time
- Optimisation of cooling before blast-freezing
- Improves the slicing and packaging rate
- Fewer baking trays immobilised

Use

The Bongard bread cooler has been developed for cooling to room temperature still warm bakery products.

Operating principle

The rack is placed in the bread cooler immediately after it is taken out of the rack oven.

The ventilation system propels the air through the trolley. Simultaneously, an extractor located on top on the opposite side collects the hot air loaded with moisture.

Once the first ambient air cooling phase is complete, the trolley is placed in the refrigerated compartment. The evaporators combined with the fans create a refrigerated cold air flow that lowers the temperature of the products.

Once a temperature of 25°C is reached, the trolley can be removed from the bread cooler and the products bagged for sale.

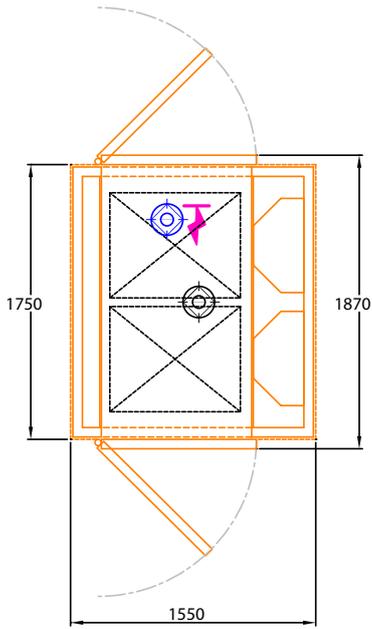
Construction

- 60 mm thick isothermal panels.
- Compartment constituted by modular panels assembled by eccentric hooks
- Panels injected with polyurethane foam, of a density of 42 kg / m³
- Stainless steel coating 6/10 304 thickness inside and 6/10 electro zined steel coated with a protective food grade PVC of 120 micron thick exterior
- Plain doors, same material as panels.
- Wall panels fitted into a base frame made of PVC of 30 mm height fixed to the floor
- Connecting power:
 - ~230V 50-60 Hz without refrigerated unit
 - 3N ~400V 50-60 Hz with refrigerated unit

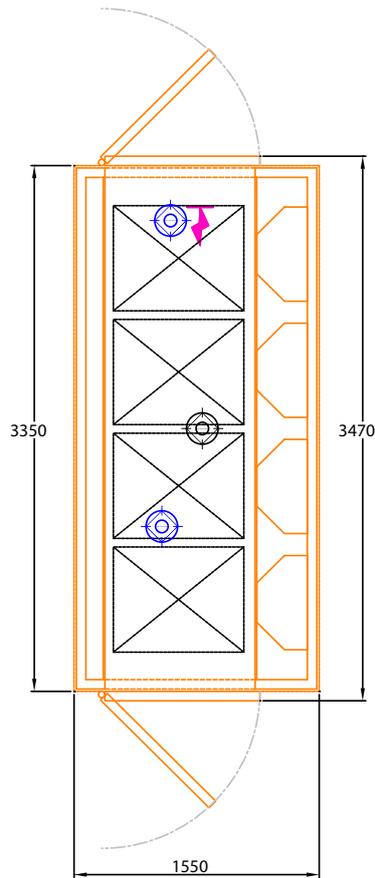
Ambient Air Bread Cooler / Combined Ambient & Cold Air Bread Cooler **Zephyr**

<i>Bread cooler</i>	<i>2 racks</i>	<i>4 racks</i>
Capacity		
Number of baking racks 600x800	2	4
Control		
Electromechanical	■	■
Finish on panels and doors		
Inside stainless steel/Outside in PVC-coated steel	■	■
Cooling technology		
By ambient air	■	■
By combination (ambient and cold air)	❖	€
Refrigeration units		
Standard condensing unit (only for combined model)	❖	■
Other types	❖	Ask us
Connected to central unit	❖	Ask us
Miscellaneous		
Stainless steel protection rail	■	■
PVC strip curtain between compartments (only for combined model)	❖	■
Connection		
~230V 50-60 Hz (1 PH) for ambient air model	■	■
3N~400V 50-60Hz (3 PH) for combined model	❖	■

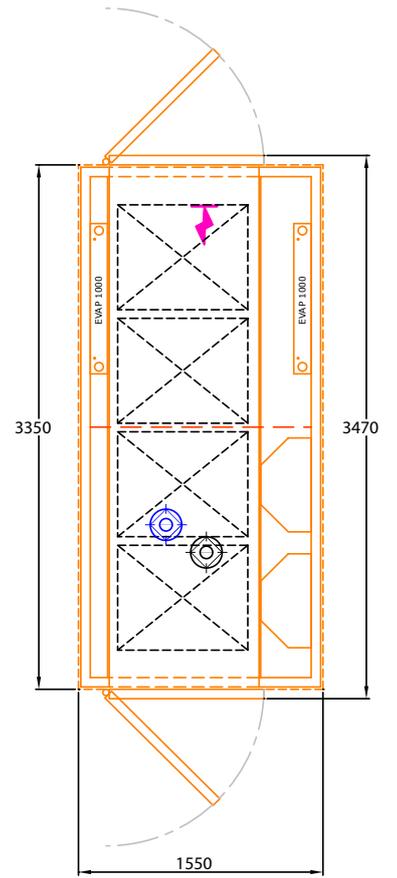
General features		Number of rack 600x800		
		2 racks	4 racks	4 racks
Cooling technology				
Technology		Ambient air		Combination (ambient & cold air)
Extractor				
Number		1	2	1
Diameter (Ø)		200	200	200
Dimensions				
Overall height	(mm)	2560	2560	2670
Front height	(mm)	2100	2100	2220
Overall width	(mm)	1550	1550	1550
Floor depth	(mm)	1750	3350	3350
Overall depth (from door to door)	(mm)	1870	3470	3470
Depth (opened doors)	(mm)	3990	5590	5590
Refrigerated unit				
Available liquid refrigerants		-	-	R448A
Refrigeration power (at -10/+32°C)	(W)	-	-	3810
Connecting power				
Power supply	(kW)	1	2	8



Ambient air model
2 racks



Ambient air model
4 racks



Combination
(ambient & cold air) model
4 racks

