



# BFC-B



## Climate-controlled retarder proofer

BFC-B is a proofer used to slow and control the fermentation of the dough in a user-defined time interval.

### Standard features

- Proofer for tub-holder racks in stainless steel with 4 levels mm 610x500x1850 h (dimensions of rack with tubs mm 630x500x1850 h).
- Attention: BFC-B proofers are delivered without racks.
- Operating temperature: 0°C + 40°C
- Electronic adjustment
- Electromechanical hygrostat
- Increase of the temperature “degree by degree” with stabilization time at each degree.
- It can be used in storage, slow leavening or traditional fermentation.
- Refrigerant installation ready for use. Refrigerant: R 404A.
- Use of refrigeration units in environments with a max temperature of 30°C. With higher temperature and up to max 40°C, is required the use of tropicalized units.

### Principle of operation

The tubs with the dough are stored in the retarder proofer (between 2°C and 4°C) to stop leavening (72 hours max). The proofer then manages the temperature increase according to the information previously entered by the user on the control panel. The electronic regulations supervise stage-by-stage the warming up (and/or the constant temperature increase degree by degree). The proofer stabilizes the hot cycle temperature and offers the possibility of a “sleeping” function at the end of the cycle, repeating the cold cycle in case of no intervention on the controls, after the 45 minutes following the end of the programmed fermentation (adjustable values).

### Construction

Panels: -modular panels with fast hooking, 60 mm thick, with injected polyurethane foam -density 40 kg/m<sup>3</sup>- free of substances harmful to the environment;  
 -frame realized with isothermic panels;  
 -internal coating in stainless steel, exterior in white plasticized aluminium.

Doors: -full, same construction of the panels;  
 -interlocking handle to optimize insulation, with left or right hinge;

- rack-driving bands 120 mm wide, easily removable;
- internal profiles with rounded corners.
- Airtight compressor, air cooling. “Tropicalized” version, suitable for working under severe environmental conditions.
- Refrigerant: R 404A ecological.
- Electronic control panel OPTICOM:
  - operating temperature from 0°C to + 40°C
  - possibility of using the proofer in manual mode for the only storage of the products. Temperature from 0°C to + 40°C.

BFC-B	
Evaporator	▪
R side	□
L side	□
Control	
OPTICOM	▪
Hygrometric probe	
Electronic	▪
Panels and doors finish	
Interior in stainless steel-exterior in PVC coated aluminum	▪
Interior and exterior in stainless steel	□ €
Refrigeration unit	
Tropicalized	▪
Tropicalized remote	□ €
Refrigerant gas	
R448 A	▪
Other	
Bowl-shaped insulated floor in stainless steel and stainless steel ramp	□ €
Supply voltage	
400-440V/TRI+N+T/50-60Hz/50 Hz	▪
▪ Standard   □ Optional   □ € Payment option	



Model	Tub-holder racks capacity Dimensions in mm: 630x500xh1850 number	External dimensions (mm) width x length	Useful interior (mm) width x length	Door width (mm) width x h	Quantity of stowed "biga" (approx)		kW
					No. of tubs	Kg. "biga"	
BFC-B 2C-S 	2	950x1550	520x1400	620x1880	8	240	2,2
BFC-B 2C-L 	2	1150x1350	720x1200	820x1880	8	240	2,2
BFC-B 3C-S 	3	950x2350	520x2200	620x1880	12	360	2,2
BFC-B 3C-L 	3	1150x1750	720x1600	820x1880	12	360	2,2
BFC-B 4C-S 	4	950x2950	520x2800	620x1880	16	480	2,5
BFC-B 4C-L 	4	1150x2350	720x2200	820x1880	16	480	2,5

**CARRELLI E MARNE/RACKS AND TUBS**

Modello/Model	Codice/Code	Descrizione/Description
CR/4	08220042	Carrello porta-marne inox a 4 piani - misure mm 610 x 500 x h.1850 (ingombro carrello con marne mm 630 x 500 x h.1850)/ Stainless steel tub-holder rack with 4 levels - dimensions mm 610 x 500 x h.1850 (dimensions of the rack with tubs mm 630 x 500 x h.1850)
	924303	Marna in plastica da lt.65 - misure mm. 440 x 630 x h.330/ Plastic tub 65 L - dimensions mm. 440 x 630 x h.330

**ACCESSORI/ACCESSORIES**

FP	Fascia paracolpi lungo il perimetro della cella - al metro lineare/ Bumper band along cell perimeter - per linear meter
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**AUMENTO POTENZA PER COMPRESSORE A DISTANZA/POWER INCREASE FOR REMOTE COMPRESSOR**

Per installare il compressore ad una distanza compresa tra 8 e 20 metri è necessario adottare la versione con potenza maggiorata./  
To install the compressor at a distance between 8 and 20 meters it is necessary to adopt the version with increased power.

N.B: per il calcolo della distanza è necessario tenere conto delle curve: 1 curva = 1 mt. Esempio: distanza 7 mt con 3 curve = 10 mt/  
IMPORTANT NOTE: for the calculation of the distance it is necessary to consider the curves: 1 curve = 1 m. Example: distance 7 m with 3 curves = 10 m.

Il supplemento prezzo non comprende la linea di collegamento - vedi kit collegamento/ The price surcharge does not include the connection line see connection kit

REMOTATO 8÷20/ REMOTE 8÷20	Supplemento prezzo per aumento potenza compressore posizionato ad una distanza compresa tra 8 mt e 20 mt/ Additional price for power increase of the compressor placed at a distance between 8 m and 20 m
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**LINEA DI COLLEGAMENTO COMPRESSORE A DISTANZA - CELLA/  
CONNECTION LINE BETWEEN REMOTE COMPRESSOR AND PROOFER**

KIT/C	Kit composto da tubazioni in rame per mandata e ritorno, guaina isolante, raccorderia - al metro lineare/ Kit composed of copper piping for flow and return, insulating sheath, hose fittings - per linear meter
MO/KIT	Costo supplementare di manodopera al metro lineare, per la stesura del kit collegamento (KIT/C) da parte del tecnico Esmach presso il locale del cliente / Additional labour costs per linear meter, for drawing up the connection kit (KIT/C) by Esmach technician at the customer's place