



Bio Memory

-40°C Freezer / 518L



Excellent performance at affordable prices

Our freezers are designed to meet all of your low temperature storage needs, at affordable prices with excellent performance.

Our freezer provides excellent thermal insulation, ensuring reliable storage for a variety of industries.

PERFORMANCE

Temperature range	-20°C to -40°C
Temperature accuracy	0.1°C



Minimum temperature of -40°C



LBA foaming technology for excellent insulation



Technical Specifications

BIO MEMORY -40°C FREEZER	
MODEL	BMF51840
GENERAL SPECIFICATIONS	
Storage volume (L)	518
External material	High quality coated steel
Internal material	High quality coated steel
Ext dimensions (W x D x H)	866 x 811 x 1920
Int Dimensions (W x D x H)	680 x 620 x 650
Net / Gross weight (kg)	142 / 164
Sound level (dB)	58
Foaming agent	Cyclopantane
Thickness of foaming layer (mm)	75
REFRIGERATION SYSTEM	
Cooling type	Direct cooling
Defrost type	Manual
Climate class	N
Refrigerant / amount (g)	R290,70g*2
PERFORMANCES	
Temperature range (°C)	-20 to -40
Temperature uniformity (°C)	3.0
Temperature accuracy (°C)	0.1
CONTROL	
Controller	Microprocessor
Display	LED display
ELECTRICAL DATA	
Rated current (A)	3.8
Rated power (W)	450
Rated voltage / frequency (V/Hz)	220-240V/50Hz
Energy consumption	4.5 kWh/day*
ALARMS	
Sound alarm	Y
Light alarm	Y
Power failure	Y
Sensor failure	Y
Environment temperature	Y
Door ajar	Y
High temperature	Y
Low temperature	Y
Remote	Y
ACCESSORIES	
USB	Y
Anti-condensation door	Y
Lock	Y
Backup battery	24h
Handle	Easy open
Shelves / drawers qty	12 drawers
Cable port	Y
Castors / type	Y

*with an ambient room temperature of 20°C (+/-0.5°C), door closed.