

TECHNICAL DATASHEET

ULTRA LOW TEMPERATURE FREEZER -86° C

MODELS	VOLUME (Lt)	INNER DIMENSIONS (mm)			OUTER DIMENSIONS (mm)			SHIPPING DIMENSION (mm)		
		W	D	H	W	D	H	W	D	H
B-ULT100	107 L	590	520	350	830	775	850	1000	900	1100

CAPACITY GROSS/NET	107 L / 100 L
TEMPERATURE RANGE	-86°C / -40°C
AMBIENT TEMPERATURE	MAX.+ 25°C
POWER	230 V / 50 Hz / 5,7 Amp
ENERGY CONSUMPTION	7 Kwh / 24 h
WEIGHT / SHIPPING WEIGHT	95 Kg / 125 Kg
MAX. SHELF LOAD	30 Kg Pr. Shelf
COOLING TECHNOLOGY	Cascade Cooling System
INTERFACE	Potential Free Remote Contact & RS485
DOCUMENTATION	IQ • OQ • PQ • PQ TEST



ENVIRONMENTAL EFFECTS

GWP	3 (R290) / 4 (R1150)
ODP	0 (R290) / 0 (R1150)

We reserve the right to change specifications without notice. Subject to confirmation, availability and errors.

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CONSTRUCTION

✓ Chamber Material Stainless Steel	✓ Magnetic Silicone Gasket	✓ Key Lock
✓ 2 pc pre made port hole	✓ Feet	✓ 1 Inner Door
✓ Heated Door Frame	✓ Vacuum release valve	✓ 1 Shelf
✓ Exterior Material Powder Coated Galvanized Steel	✓ Isolation Ecological Polyurethane Foam with V.I.P. Panels 120mm Thickness	

ALARMS

✓ Visual/Acoustic Alarm	✓ Open Door Alarm	✓ Contact Remote Alarm
✓ Power Failure Alarm	✓ Probe Failure Alarm	✓ Compressor Alarm
✓ Adjustable High / Low Temperature Alarm	✓ Track of Alarms to be Noted Automatically	✓ Approx. 48 HRS. of Battery Backup for Alarms and Logging

DISPLAY

✓ Touch Screen	✓ Integrated Datalogger	✓ USB - Up & Download
✓ Memory For Over 15 Years Of Data	✓ Date & Time	✓ Password Protected
✓ Temperature Graph	✓ Intergrated Test Mode	✓ Ambient Temperature

DOCUMENTATION

✓ IQ	✓ OQ	✓ PQT (production qualification test)
✓ PQ (Performance qualification test)	✓ Validation Guidance	✓ Temperature Mapping
✓ Recovery Time	✓ Hold over Time	✓ Pull Down

OPTIONAL RACKS & BOXES

RACKS	8 pcs	50MM BOXES	72 pcs
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