SUF 500

-86°C
-122°F

SUF SERIES

- Single compressor
- Low energy consumption
- Low noise level (50 dBa)
- 100% HCFC/CFC free
- Sub lids
- Castors and door key lock
- Porthole for external temperature probes

ALL STANDARD FEATURES

- Micro processor controller with digital display
- Approx. 48 hours battery back up for alarms and temperature display in case of power cut
- Prepared for GSM alarm
- Visual and acoustic alarm
- Adjustable high/low temperature alarm
- Power failure alarm
- Probe failure alarm
- Instrument failure alarm
- Contact for remote alarm
- Shows all alarms

Innovative thinking is often spoiled by compromise, the SUF series shows that high performance freezing with the focus on energy saving is the future.

Our integrated cooling system gives maximum use on limited space, and we pride our selves with the lowest noise level available.

Single compressor ←

Low energy consumption ←

Low noise level ←

High temperature uniformity ←

MODEL	SUF 500
Item code	US-SUF 500
Dimension exterior WxDxH (Inches)	61.4 x 27.1 x 34.8
Capacity (cu.FT)	13.5
Temperature range (°F)	-122 / -40
Temperature range (°C)	-86/ -40
Power supply (V)	110
Frequenzy (Hz)	50/60

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The art of simplicity®

Technical specifications

Item code	US-SUF 500
Dimension exterior WxDxH (Inches)	61.4 x 27.1 x 34.8
Capacity (cu.FT)	13.5
Dimension interior WxDxH (Inches)	58.9 x 17.1 x 25.2
Insulation (Inches)	3.15
Temperature range (°F)	-122 / -40
Temperature range (°C)	-86 / -40
Max. ambient temperature (°F)	77
Power supply (V)	110
Frequenzy (Hz)	60
Power consumption (KWH/24H)	10.8
AMP (A)	3
Weight (lb)	198
Shipping weight (lb)	311
Shipping dimensions WxDxH (Inches)	65.2 x 29.7 x 54.1
No. of compressors	1
Visual / acoustic alarm	Yes
Power failure alarm	Yes
Adjustable high/low temperature alarm	Yes
Open door alarm	No
Probe failure alarm	Yes
Alarm display as text - not codes	No
Contact for remote alarm	Yes
Prepared for GSM alarm module	Yes
Approx. hrs of battery back up for alarms and temperature display in the event of power cut	48 hours
Porthole for installation of PT100/CO_2 back up	Yes
Digital display	Yes
Data logger	No
RS 232 interface	No
RS 485 interface	No
USB up/down load	No
Defrost manual/auto	Manual
Castors	Yes
Chart recorder	Optional
Shelves (pcs) / drawers (pcs)	No
Basket (pcs)	No
Sub doors (pcs)	4
Lighting	No
Lock	Yes
Inner liner material	Varnished steel
Cabinet material	Varnished steel
Colour (exterior)	White
Refrigerant	EP88

* Optional, please contact us
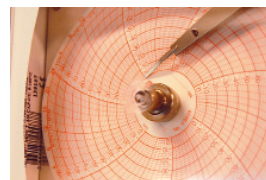We reserve the right to change specifications without notice and subject to errors.

Optional

1 The GSM alarm module sends a SMS message to one or several coded telephone numbers in case the temperature exceeds a fixed range.

2 SVS voltage stabilizers for excellent output voltage stability in case the voltage rises or drops.

3 Chart recorder for documentation of the temperature condition over a certain period of time.

4 CO_2 back up system ensures optimized safety.

5 Cryo gloves protect your hands and prevent frost bites when handling samples wich are stored at down to -160 °C.

CO₂ CARE

EN ISO 13485:2012 CERTIFICATION
ISO 9001:2008 CERTIFICATION

www.arctiko-int.com
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