

## SUF SERIES -121°F -85°C

### Features

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

### Controller features

- Digital display
- Visual and acoustic alarm
- Adjustable high/low temperature alarm
- Power failure alarm
- Instrument (Eprom) failure alarm
- Probe failure alarm
- Contact for remote alarm
- Approx. 48 hours battery back up for alarms and temperature display in case of power cut
- 3 pin PT100 specially designed for ultra low temperature



SUF100

Remember your quote on:

- Racks and boxes
- Chart Recorder
- CO2 Backup
- GSM Alarm

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.



SUF500

## SF SERIES -76°F -60°C

### Features

- Single compressor
- Low energy consumption
- Low noise level
- 100% HCFC/CFC free
- Key lock, castors and baskets

### Controller features

- Digital display
- Visual and acoustic alarm
- Adjustable high/low temperature alarm
- Contact for remote alarm
- Probe failure alarm



SF150

As a synonym for security, the SF series gives reliable low temperature freezing, with good temperature uniformity. Digital display, alarms, contact for remote monitoring, basket(s) and castors are some of the standards.



SF500

Model	SUF100	SUF500	SF150	SF500
Dimensions exterior WxDxH (inches)	21,7x25,4x21,7	61,4x27,5x33,5	28,1x27,1x34,8	61,4x27,1x34,8
Net capacity (L)	71	368	133	368
Temperature range (°C)	-40/-85	-40/-85	-40/-60	-40/-60
Temperature range (°F)	-40/-121	-40/-121	-40/-76	-40/-76
Power supply (V)	120	120	120	120
Frequency (Hz)	60	60	60	60
Power consumption (KWH/24H)	7,7	10,8	6,6	7,7



SF controller

SF series -60°C / -76°F

SUF series -40°C / 85°C



# Technical specifications

Model	SF150	SF500	SUF100	SUF500
Dimensions exterior WxDxH (inches)	28,1x27,1x34,8	61,4x27,1x34,8	21,7x25,4x21,7	61,4x27,5x33,5
Dimensions exterior WxDxH (mm)	720x695x885	1560x695x885	552x648x850	1560x698x850
Net capacity (L)	133	368	71	368
Net capacity (cu. FT)	4,9	13,5	2,6	13,5
Dimensions interior WxDxH (inches)	22,0x17,4x25,6	55,1x17,4x25,6	15,3x15,3x15,3	58,9x17,1x25,2
Dimensions interior WxDxH (mm)	560x442x650	1400x442x650	390x390x390	1495x435x640
Insulation (inches)	3,15	3,15	3,15	3,15
Insulation (mm)	80	80	80	80
Temperature range ( °F)	-40 / -76	-40 / -76	-40 / -121	-40 / -121
Temperature range ( °C)	-40 / -60	-40 / -60	-40 / -85	-40 / -85
Max. ambient temperature ( °F)	77	77	77	68
Max. ambient temperature ( °C)	25	25	25	20
Power supply (V)	120	120	120	120
Frequency (Hz)	60	60	60	60
Power consumption (KWH/24H)	6,6	7,7	7,7	10,8
AMP (A)	3,6	3,6	2	3
Noise level (DBA)	<50	<50	< 55	< 55
Weight (KG)	59	89	49	90
Shipping weight (KG)	64	94	53	94
Shipping weight with wooden box (KG)	91	141	74	141
Shipping dimensions WxDxH (inches)	29,9x28,3x37,8	63,4x28,3x37,8	24,8x23,6x39,4	63,4x28,3x38,0
Shipping dimensions WxDxH (mm)	760x720x960	1610x720x960	630x600x1000	1610x720x965
Shipping dimensions with wooden box WxDxH (inches)	31,7x29,7x44,9	65,2x29,7x45,1	25,0x25,0x45,1	65,2x29,7x45,1
Shipping dimensions with wooden box WxDxH (mm)	805x755x1140	1655x755x1145	635x635x1145	1655x755x1145
No. of compressors.	1	1	1	1
Visual / Acoustic alarm	- / √	- / √	√	√
Power failure alarm	-	-	√	√
Adjustable high/low temperature alarm	√	√	√	√
Probe failure alarm	√	√	√	√
Alarm display as codes	√	√	√	√
Contact for remote alarm	√	√	√	√
Prepared for GSM alarm module	√	optional	√	√
Approx. hrs. of battery back up for alarms and temperature display in the event of power cut	-	-	48 hours	48 hours
Porthole for installation of PT100/CO <sup>2</sup> back up	optional	optional	√	√
Digital display	√	√	√	√
Defrost manual / auto	manual	manual	manual	manual
Castors	√	√	-	√
Chart recorder	optional	optional	optional	optional
Basket (pcs)	2	4	-	-
Sub lids/door (pcs)	-	-	1 / -	4 / -
Lighting	√	√	-	-
Lock	√	√	√	√
Inner liner material	Varnish steel	Varnish steel	Varnish steel	Varnish steel
Cabinet material	Varnish steel	Varnish steel	Varnish steel	Varnish steel
Colour (exterior)	white	white	white	white
Refrigerant	HC	HC	EP88	EP88

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

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ETL: UL code 471  
NSF standard nr. 7

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