

# SF 150

**-60°C**  
**-76°F**

## SF SERIES

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

## ALL STANDARD FEATURES

- Micro processor controller with digital display
- 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

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.



Racks and boxes (optional)

SVS voltage stabilizer  
for excellent output  
voltage stability (optional)

Single compressor ←

Low energy consumption ←

Low noise level ←

High temperature uniformity ←

MODEL	SF 150
Item code	US-SF 150
Dimension exterior WxDxH (Inches)	28.1 x 27.1 x 34.8
Capacity (cu.FT)	4.9
Temperature range (°F)	-76 / -40
Temperature range (°C)	-60/ -40
Power supply (V)	110
Frequenzy (Hz)	60

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# Technical specifications

Item code	US-SF 150
Dimension exterior WxDxH (Inches)	28.1 x 27.1 x 34.8
Capacity (cu.FT)	4.9
Dimension interior WxDxH (Inches)	22.0 x 17.4 x 25.6
Insulation (Inches)	3.15
Temperature range (°F)	-76 / -40
Temperature range (°C)	-60/ -40
Max. ambient temperature (°F)	77
Power supply (V)	110
Frequenzy (Hz)	60
Power consumption (KWH/24H)	6.6
AMP (A)	3.6
Weight (lb)	130
Shipping weight (lb)	201
Shipping dimensions WxDxH (Inches)	31.7 x 29.7 x 44.9
No. of compressors	1
Visual / acoustic alarm	Yes
Power failure alarm	No
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	No
Porthole for installation of PT100/CO <sub>2</sub> 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)	No
Lighting	No
Lock	Yes
Inner liner material	Varnished steel
Cabinet material	Varnished steel
Colour (exterior)	White
Refrigerant	HC

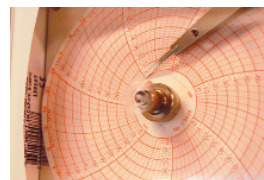
# Optional



**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<sub>2</sub> back up system ensures optimized safety.



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



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

