## ARCTIK MINI SERIES

- Low energy consumption
- Low noise level
- Low heat dissipation
- Insulated inner doors
- Castors and door key lock

- Ergonomic loading
- Heated door frame
- 100% HCFC/CFC free
- Porthole for external temperature probes

# Model F94

The Waverly Arctik Mini -86ºC series are products of our passion, striving after excellence when we offer the best in ultra low temperature freezing. Once again, we set new standards with the most user friendly controller in the market. All features such as alarms and data logging functions are always included as standard. The Miniseries consists of 4 different models starting from a volume of 1L up to 94L.The Waverly Arctik Mini series is produced with true and original single compressor technology

## ALL STANDARD FEATURES

- Micro processor controller with digital display
- Approx. 72 hours battery back up for alarms, loggings and temperature display in case of power cut
- Prepared for GSM alarm
- Prepared for connection of 2 additional probes
- Auto cycle in case of probe failure
- Ambient temperature display
- Direct download of logged data on USB memory stick
- Direct upload o new sotware via USB memory stick
- 3-level password protected
- Battery level indication
- Display text available in different languages
- Temperature graph
- Integrated data logger
- RS485/RS232 interface
- Integrated memory for 20 years
- Visual and acoustic alarm
- Adjustable high/low temperature alarm
- Power failure alarm
- Probe failure alarm
- Instrument failure alarm
- Open door alarm
- Contact for remote alarm
- Shows all alarms

- 86 °C

AVAILABLE IN STAINLESS STEEL

GMS alarm module for optimal safety (optional)

Advanced Arctiko controller

Rack and boxes available (optional)

**Battery backup - 72 hours** ←

**Integrated data logger with memory** ←

**RS485/RS232 interface** ←

**On/off protection** ←

| MODEL | F54 |
|---|---|
| Item code | ULF54 |
| Dimensions exterior WxDxH (mm) | 950x725x810 |
| Capacity (L) | 106 |
| Temperature range (ºC) | -86 / -40 |
| Power supply (V) | 120 |
| Frequency (Hz) | 50/60 |

# WAVERLY

# Technical specifications

| Item code | ULF94 |
|---|---|
| Dimensions exterior WxDxH (mm) | 950x725x810 |
| Capacity (L) | 106 |
| Dimensions interior WxDxH (mm) | 360x493x600 |
| Insulation (mm) | 120 |
| Temperature range (°C) | -86 / -40 |
| Max. ambient temperature (°C) | 25 |
| Power supply (V) | 230 |
| Frequency (Hz) | 50/60 |
| Power consumption (KWH/24H) | 8,1 |
| Current (A) | 3,2 |
| Weight (KG) | 105 |
| Shipping weight (KG) | 135 |
| Shipping weight with wooden packaging (KG) | - |
| Shipping dimensions WxDxH (mm) | 1100x820x1020 |
| Shipping dimensions with wooden packaging WxDxH (mm) | - |
| No. of compressors | 1 |
| Visual / acoustic alarm | Yes |
| Power failure alarm | Yes |
| Adjustable high/low temperature alarm | Yes |
| Open door alarm | Yes |
| Probe failure alarm | Yes |
| Alarm display as text - not codes | Yes |
| 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 | 72 hours |
| Porthole for installation of PT100/$CO_2$ back up | Yes |
| Digital display | Yes |
| Data logger | Yes |
| RS 232 interface | Yes |
| RS 485 interface | Yes |
| USB up/down load | Yes |
| Defrost manual / auto | Manual |
| Castors | 2 small in the back |
| Chart recorder | Optional |
| Shelves (pcs) | 1 |
| Basket (pcs) | No |
| Sub door (pcs) | 2 |
| Lighting | No |
| Lock | Yes |
| Inner liner material | Stainless steel |
| Cabinet material | Varnished steel / stainless steel * |
| Colour (exterior) | White / stainless steel * |
| Refrigerant | EP88 |

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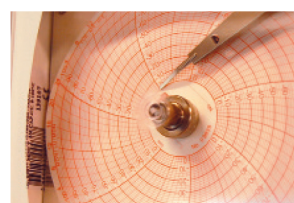We reserve the right to change specifications without notice and subject to errors.

# 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** Our multipurpose drawer system offers a great way to keep your samples in order.



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



$CO_2$ CARE

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