ULTF 80

ULTF SERIES

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

- 86 °C

The ULTF range shows that high performance freezing with focus on low energy consumption is the future. The range has been updated with our advanced Arctiko controller which ensures that all alarm and data logging features are included as standard. The ULTF range is produced with the true and original single compressor technology which ensures the lowest noise level available.

→ **Single compressor**

→ **Low energy consumption**

→ **Low noise level**

→ **High temperature uniformity**

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

MODEL	ULTF 80
Item code	DAI 0200
Dimensions exterior WxDxH (mm)	552x648x850
Capacity (L)	71
Temperature range (ºC)	-86 / -40
Power supply (V)	230
Frequency (Hz)	50/60

ARCTIKO

The art of simplicity®

Technical specifications

Item code	DAI 0200
Dimensions exterior WxDxH (mm)	552x648x850
Capacity (L)	71
Dimensions interior WxDxH (mm)	390x390x450
Insulation (mm)	80
Temperature range (ºC)	- 86 / - 40
Max. ambient temperature (ºC)	25
Power supply (V)	230
Frequency (Hz)	50/60
Power consumption (KWH/24H)	3,83
Current (A)	3
Weight (KG)	53
Shipping weight (KG)	58
Shipping weight with wooden packaging (KG)	83
Shipping dimensions WxDxH (mm)	810x600x1120
Shipping dimensions with wooden packaging WxDxH (mm)	680x640x1160
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	Yes
Chart recorder	Optional
Shelves (pcs)	No
Baskets (pcs)	No
Sub lids (pcs)	1
Lighting	No
Lock	Yes
Inner liner material	Varnished steel
Cabinet material	Varnished steel
Colour (exterior)	White
Refrigerant	EP88

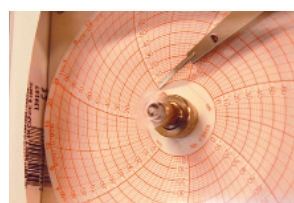We reserve the right to change specifications without notice and subject to errors.

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.

CO₂CARE

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