

Main specification

Item code	DAI 0198
Temperature range (°C)	-150 / -140
Max. ambient temperature (°C)	30
Capacity (L)	233
Exterior dimensions WxDxH (mm)	1760x960/1135x1090
Interior dimensions WxDxH (mm)	680x500x685
Weight (kg)	391
Insulation (mm)	170
Cooling technology	dual system / static
Controller model / probe type	TTM-004 / PT100
Power supply (V)	3x400
Frequency (Hz)	50
Power consumption (KWH/24H)	33,5
AMP (A)	4,7
Power (Watt)	2021
Horse Power (HP)	2x1,5

Other features

Automatic defrost	no
Antifreeze function	no
Vacuum release port	yes
Access port for external probe etc. (Int. diameter mm)	20
Light	no
Lock with key	yes
Castors (total pcs) / castors with brake (pcs)	4 / 0
Fixed feet (pcs) / levelling feet (pcs)	0 / 2
Sub lids / sub doors (qty)	2
Reversible doors (qty)	no
Shelf	no
Basket	no
Drawer	no
Total capacity of 50mm boxes 9x9 dividers (pcs)	144
Total capacity of 75mm boxes 9x9 dividers (pcs)	96
Total capacity of 96mm boxes 9x9 dividers (pcs)	72

Display / Data / Alarm

Alarm display as text (not codes)	no
Visual / acoustic alarm	yes / yes
Power failure alarm	yes
Ajustable high / low temperature alarm	yes / yes
Open door alarm	no
Probe failure alarm	yes
Low battery alarm	no
Compressor failure alarm	yes
Battery backup for alarms (approx. hrs.)	48
Voltage free contact for remote alarm (e.g. GSM alarm module)	yes
Electronic data logger	no
RS 485 port	no
USB port for software update & data download	no
Temperature chart recorder	optional
Display type	LED display
Number of optional reference probes	no
Password protection for turning unit on/off	no
Temperature graph on display	no

Refrigeration & Cabinet

Number of compressors	2
Refrigerant	mix
Interior cabinet material	stainless steel
Exterior cabinet material	electrogalvanized steel
Colour (exterior cabinet)	ivory
Foam type	polyurethane
Temperature graph on display	no

Shipping

Shipping weight (kg)	563
Shipping dimensions (cm)	210x122x140
Shipping volume (m³)	3,59

ARCTIKO CRYO 230

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CRYOGENIC FREEZER

Documentation (downloads)

Operating instructions	Available on website
Product datasheet	Available on website
Wiring diagram 1	Available on website
Wiring diagram 2	Available on website
Dimension diagram	Available on website
CE-Certificate	Available on website
ISO-Certificate	Available on website
IQ/OQ	Available on website

Accessories

ARCTIKO GSM Alarm Module®	Add-on
ARCTIKO Cryo Gloves®	Add-on
ARCTIKO CO2 Backup®	Add-on
ARCTIKO Chest Front Rack®	Add-on
ARCTIKO Temperature Chart Recorder®	Add-on

Racks & Boxes

Rack Model	Box size (height mm)	Rack model & total quantity	No. of boxes per rack (depth x height)	Total no. of boxes	Exterior dimensions of rack (WxDxH mm)
Chest front racks	32	12 x CFR34-18	18	216	138 x 138 x 654
Chest front racks	40	12 x CFR40-16	16	192	138 x 138 x 678
Chest front racks	50	12 x CFR50-12	12	144	140 x 140 x 659
Chest front racks	75	12 x CFR75-08	8	96	140 x 140 x 641
Chest front racks	80	12 x CFR80-08	8	96	138 x 138 x 662
Chest front racks	90/96/100	12 x CFR100-06	6	72	140 x 141 x 629