

Main specification

Item code	DAI 1418
Temperature range (°C)	-40 / -86
Max. ambient temperature (°C)	25
Capacity (L)	54
Exterior dimensions WxDxH (mm)	600x700x810
Interior dimensions WxDxH (mm)	360x468x320
Weight (kg)	77
Insulation (mm)	120
Cooling technology	single system / static
Controller model / probe type	G-214 / PT 1000
Power supply (V)	230
Frequency (Hz)	50/60
Power consumption (KWH/24H)	6,9
AMP (A)	3,5
Power (Watt)	521
Horse Power (HP):	5/8

Other features

Automatic defrost	no
Antifreeze function	no
Vaccum release port	no
Access port for external probe etc. (Int. diameter mm)	12
Light	no
Lock with key	yes
Castors (total pcs) / castors with brake (pcs)	2 rollers / 0
Fixed feet (pcs) / levelling feet (pcs)	0 / 2
Sub lids / sub doors (qty)	0 / 1
Reversible doors (qty)	no
Shelf	no
Drawer	no
Basket	no
Total capacity of 50mm boxes 9x9 dividers (pcs)	30
Total capacity of 75mm boxes 9x9 dividers (pcs)	18
Total capacity of 96mm boxes 9x9 dividers (pcs)	12

Display / Data / Alarm

Alarm display as text (not codes)	yes
Visual / acoustic alarm	yes / yes
Power failure alarm	yes
Ajustable high / low temperature alarm	yes / yes
Open door alarm	yes
Probe failure alarm	yes
Low battery alarm	yes
Compressor failure alarm	no
Battery backup for alarms (approx. hrs.)	72
Voltage free contact for remote alarm (e.g. GSM alarm module)	yes
Electronic data logger	yes
RS 485 port	yes
USB port for software update & data download	yes
Temperature chart recorder	optional
Display type	4,3" touch button
Number of optional reference probes	2
Password protection for turning unit on/off	yes
Temperature graph on display	yes

Refrigeration & Cabinet

Number of compressors	1
Refrigerant	EP 88
Interior cabinet material	stainless steel
Exterior cabinet material	electrogalvanized steel
Colour (exterior cabinet)	white
Foam type	polyurethane
VIP vacuum insulated panels	no

Shipping

Shipping weight (kg)	99
Shipping dimensions (cm)	81x69x103
Shipping volume (m³)	0,58

Documentation (downloads)

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

Accessories

ARCTIKO GSM Alarm Module®	Add-on
ARCTIKO Cryo Gloves®	Add-on
ARCTIKO Voltage Stabilizers®	Add-on
ARCTIKO Voltage Converters®	Add-on
ARCTIKO CO2 Backup®	Add-on
ARCTIKO Temperature Chart Recorder®	Add-on
ARCTIKO Upright Drawer Rack®	Add-on
ARCTIKO Upright Side Rack®	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)
Upright drawer rack	32	2 x UDR34-38	3 x 8	48	140 x 434 x 309
Upright drawer rack	40	2 x UDR40-36	3 x 6	36	140 x 434 x 268
Upright drawer rack	50	2 x UDR50-35	3 x 5	30	140 x 432 x 280
Upright drawer rack	75	2 x UDR75-33	3 x 3	18	140 x 420 x 242
Upright drawer rack	80	2 x UDR80-33	3 x 3	18	140 x 434 x 254
Upright drawer rack	90/96/100	2 x UDR100-32	3 x 2	12	140 x 420 x 212

Upright side rack	32	2 x USR34-38	3 x 8	48	139 x 414 x 292
Upright side rack	40	2 x USR40-37	3 x 7	42	139 x 414 x 298
Upright side rack	50	2 x USR50-35	3 x 5	30	140 x 424 x 274
Upright side rack	75	2 x USR75-33	3 x 3	18	140 x 420 x 242
Upright side rack	80	2 x USR80-33	3 x 3	18	139 x 414 x 250
Upright side rack	90/96/100	2 x USR100-32	3 x 2	12	140 x 420 x 212