

Main specification

Item code	DAI 1414
Temperature range (°C)	-40 / -86
Max. ambient temperature (°C)	25
Capacity (L)	393
Exterior dimensions WxDxH (mm)	720x885x1990
Interior dimensions WxDxH (mm)	480x608x1345
Weight (kg)	175
Insulation (mm)	120
Cooling technology	single system / static
Controller model / probe type	G-214 / PT100
Power supply (V)	230
Frequency (Hz)	50/60
Power consumption (KWH/24H)	14,6
AMP (A)	4,4
Power (Watt)	773
Horse Power (HP)	3/4

Other features

Automatic defrost	no
Antifreeze function	no
Vaccum release port	yes
Access port for external probe etc. (Int. diameter mm)	12
Light	yes
Lock with key	yes
Castors (total pcs) / castors with brake (pcs)	4 / 2
Fixed feet (pcs) / levelling feet (pcs)	no
Sub lids / sub doors (qty)	0 / 5
Reversible doors (qty)	no
Fixed shelves (pcs) / adjustable shelves (pcs)	4 / 0
Max. no. of shelves (pcs) / recommended max. no. of shelves (pcs)	4 / 4
Max load shelves (kg)	30
Drawer	no
Basket	no
Total capacity of 50mm boxes 9x9 dividers (pcs)	240
Total capacity of 75mm boxes 9x9 dividers (pcs)	180
Total capacity of 96mm boxes 9x9 dividers (pcs)	120

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	varnished steel
Colour (exterior cabinet)	white
Foam type	polyurethane
VIP vacuum insulated panels	no

Shipping

Shipping weight (kg)	243
Shipping dimensions (cm)	84x104x218
Shipping volume (m ³)	1,90

ARCTIKO ULUF 450-2M®

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ULTRA LOW TEMP. FREEZER

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 Upright Drawer Rack®	Add-on
ARCTIKO Upright Side 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 (wx dx h mm)
Upright drawer rack	32	15 x UDR34-46	4 x 6	360	140 x 567 x 232
Upright drawer rack	40	15 x UDR40-45	4 x 5	300	140 x 567 x 223
Upright drawer rack	50	15 x UDR50-44	4 x 4	240	140 x 570 x 224
Upright drawer rack	75	15 x UDR75-43	4 x 3	180	140 x 558 x 240
Upright drawer rack	80	15 x UDR80-43	4 x 3	180	140 x 567 x 254
Upright drawer rack	90/96/100	15 x UDR100-42	4 x 2	120	140 x 558 x 212
Upright side rack	32	15 x USR34-46	4 x 6	360	139 x 549 x 220
Upright side rack	40	15 x USR40-45	4 x 5	300	139 x 549 x 214
Upright side rack	50	15 x USR50-44	4 x 4	240	140 x 566 x 219
Upright side rack	75	15 x USR75-43	4 x 3	180	140 x 558 x 240
Upright side rack	80	15 x USR80-43	4 x 3	180	139 x 549 x 250
Upright side rack	90/96/100	15 x USR100-42	4 x 2	120	140 x 566 x 212