

Main specification

Item code	DAI 1830
Temperature range (°C)	-25 / -86
Max. ambient temperature (°C)	25
Capacity (L)	88
Exterior dimensions WxDxH (mm)	937x778x836
Interior dimensions WxDxH (mm)	637x443x307
Weight (kg)	97
Insulation (mm)	120
Cooling technology	single system / static
Controller model / probe type	V500 / PT100
Power supply (V)	230
Frequency (Hz)	50/60
Power consumption (KWH/24H)	7,0
AMP (A)	4,0
Power (Watt)	550
Horse Power (HP)	5/8

Other features

Automatic defrost	no
Antifreeze function	no
Vaccum release port	yes
Access port for external probe etc. (Int. diameter mm)	12
Light	no
Lock with key	yes
Castors (total pcs) / castors with brake (pcs)	3 rollers / optional
Fixed feet (pcs) / levelling feet (pcs)	0 / 2
Sub lids / sub doors (qty)	no
Reversible doors (qty)	no
Shelf	no
Basket	no
Drawer	no
Total capacity of 50mm boxes 9x9 dividers (pcs)	60
Total capacity of 75mm boxes 9x9 dividers (pcs)	36
Total capacity of 96mm boxes 9x9 dividers (pcs)	24

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	yes
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	5" touch screen
Number of optional reference probes	1
Password protection for turning unit on/off	yes
Temperature graph on display	yes

Refrigeration & Cabinet

Number of compressors	1
Refrigerant	nature R
Interior cabinet material	stainless steel
Exterior cabinet material	electrogalvanized steel
Colour (exterior cabinet)	white
Foam type	polyurethane
VIP vacuum insulated panels	yes

Shipping

Shipping weight (kg)	137
Shipping dimensions (cm)	83x103x103
Shipping volume (m ³)	0,88

Documentation (downloads)

Product datasheet	Available on website
Dimension drawing	Available on website
Wiring diagram	Available on website
CE-Certificate	Available on website
Safety datasheet for Nature R	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

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	4 x UDR34-27	2 x 7	56	140 x 301 x 270
Upright drawer rack	40	4 x UDR40-36	3 x 6	72	140 x 434 x 268
Upright drawer rack	50	4 x UDR50-35	3 x 5	60	140 x 432 x 280
Upright drawer rack	75	4 x UDR75-33	3 x 3	36	140 x 420 x 242
Upright drawer rack	80	4 x UDR80-23	2 x 3	24	140 x 301 x 254
Upright drawer rack	90/96/100	4 x UDR100-32	3 x 2	24	140 x 420 x 212
Upright side rack	32	4 x USR34-38	3 x 8	96	139 x 414 x 292
Upright side rack	40	4 x USR40-37	3 x 7	84	139 x 414 x 298
Upright side rack	50	4 x USR50-35	3 x 5	60	140 x 424 x 274
Upright side rack	75	4 x USR75-33	3 x 3	36	140 x 420 x 242
Upright side rack	80	4 x USR80-33	3 x 3	36	139 x 414 x 250
Upright side rack	90/96/100	4 x USR100-32	3 x 2	24	140 x 420 x 212