

Main specification

Item code	DAI 0205
Temperature range (°C)	-40 / -86
Max. ambient temperature (°C)	20
Capacity (L)	284
Exterior dimensions WxDxH (mm)	1264x691x891
Interior dimensions WxDxH (mm)	1100x440x630
Weight (kg)	76
Insulation (mm)	80
Cooling technology	single system / static
Controller model / probe type	G-214 / PT100
Power supply (V)	230
Frequency (Hz)	50/60
Power consumption (KWH/24H)	7,5
AMP (A)	2,5
Power (Watt)	466
Horse Power (HP)	3/4

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)	4 / optional
Fixed feet (pcs)	0 / 0
Sub lids / sub doors (qty)	3 / 0
Reversible doors (qty)	no
Shelf	no
Basket	no
Drawer	no
Total capacity of 50mm boxes 9x9 dividers (pcs)	216
Total capacity of 75mm boxes 9x9 dividers (pcs)	138
Total capacity of 96mm boxes 9x9 dividers (pcs)	99

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	nature R
Interior cabinet material	prepainted steel
Exterior cabinet material	prepainted steel
Colour (exterior cabinet)	white
Foam type	polyurethane
VIP vacuum insulated panels	no

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 Chest Front Rack®	Add-on
ARCTIKO Temperature Chart Recorder®	Add-on

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

Shipping

Shipping weight (kg)	114
Shipping dimensions (cm)	136x76x106
Shipping volume (m ³)	1,10

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 rack	32	18 x CFR34-17	17	306	138 x 138 x 618
		3 x CFR34-10	10	30	138 x 138 x 366
		Total: 21 racks	-	(= 336)	-
Chest front rack	40	18 x CFR40-14	14	252	138 x 138 x 594
		3 x CFR40-08	8	24	138 x 138 x 342
		Total: 21 racks	-	(= 276)	-
Chest front rack	50	18 x CFR50-11	11	198	140 x 140 x 604
		3 x CFR50-06	6	18	140 x 140 x 335
		Total: 21 racks	-	(= 216)	-
Chest front rack	75	18 x CFR75-07	7	126	140 x 140 x 561
		3 x CFR75-04	4	12	140 x 140 x 304
		Total: 21 racks	-	(= 138)	-
Chest front rack	80	18 x CFR80-07	7	126	138 x 138 x 580
		3 x CFR80-04	4	12	138 x 138 x 334
		Total: 21 racks	-	(= 138)	-
Chest front rack	90/96/100	18 x CFR100-05	5	90	141 x 141 x 525
		3 x CFR100-03	3	9	141 x 141 x 317
		Total: 21 racks	-	(= 99)	-