

ARCTIKO ULUF P820 GG®

Item code: DAI 1850

ULTRA LOW TEMP. FREEZER

DOUBLE SECURITY

Main specification

Item code	DAI 1850
Temperature range (°C)	-40 / -86
Max. ambient temperature (°C)	32
Capacity (L)	819
Exterior dimensions WxDxH (mm)	1285x859,5/1002*x1999
Interior dimensions WxDxH (mm)	996x620x1320
Weight (kg)	275
Insulation (mm)	120
Cooling technology	dual system / static
Controller model / probe type	V700 / PT100
Power supply (V)	230
Frequency (Hz)	50/60
Power consumption (KWH/24H)	17,3
AMP (A)	10,3
Power (Watt)	1550
Horse Power (HP)	2 x 3/4

Other features

Automatic defrost	no
Antifreeze function	no
Vacuum 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)	5 / 2
Fixed feet (pcs) / levelling feet (pcs)	no
Sub lids / sub doors (qty)	0 / 4
Reversible doors (qty)	no
Fixed shelves (pcs) / adjustable shelves (pcs)	1 / 2
Max. no. of shelves (pcs) / recommended max. no. of shelves (pcs)	5 / 5
Max load shelves (kg)	30
Drawer	no
Basket	no
Total capacity of 50mm boxes 9x9 dividers (pcs)	588
Total capacity of 75mm boxes 9x9 dividers (pcs)	364
Total capacity of 96mm boxes 9x9 dividers (pcs)	252

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	7" 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	2
Refrigerant	GG20
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)	423
Shipping dimensions (cm)	141x127x225
Shipping volume (m ³)	4,03

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 Perforated stainless steel shelves®	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 (wxdxh mm)
Upright drawer rack	32	14 x UDR34-47	4 x 7	392	140 x 567 x 270
		14 x UDR34-49	4 x 9	504	140 x 567 x 347
		Total: 28 racks	-	(= 896)	-
Upright drawer rack	40	14 x UDR40-46	4 x 6	336	140 x 567 x 268
		14 x UDR40-48	4 x 8	448	140 x 567 x 357
		Total: 28 racks	-	(= 784)	-
Upright drawer rack	50	14 x UDR50-45	4 x 5	280	140 x 570 x 280
		14 x UDR50-46	4 x 6	336	140 x 570 x 336
		Total: 28 racks	-	(= 616)	-
Upright drawer rack	75	14 x UDR75-43	4 x 3	168	140 x 558 x 240
		14 x UDR75-44	4 x 4	224	140 x 558 x 335
		Total: 28 racks	-	(= 392)	-
Upright drawer rack	80	14 x UDR80-43	4 x 3	168	140 x 567 x 254
		14 x UDR80-44	4 x 4	224	140 x 567 x 339
		Total: 28 racks	-	(= 392)	-
Upright drawer rack	90/96/100	14 x UDR100-42	4 x 2	112	140 x 558 x 212
		14 x UDR100-43	4 x 3	168	140 x 558 x 318
		Total: 28 racks	-	(= 280)	-
Upright side rack	32	28 x USR34-48	4 x 8	784	139 x 549 x 292
Upright side rack	40	28 x USR40-47	4 x 7	588	139 x 549 x 298
Upright side rack	50	14 x USR50-45	4 x 5	280	140 x 558 x 274
		14 x USR50-46	4 x 6	336	140 x 558 x 328
		Total: 28 racks	-	(= 616)	-
Upright side rack	75	14 x USR75-43	4 x 3	168	140 x 558 x 240
		14 x USR75-44	4 x 4	224	140 x 558 x 319
		Total: 28 racks	-	(= 392)	-
Upright side rack	80	14 x USR80-43	4 x 3	168	139 x 549 x 250
		14 x USR80-44	4 x 4	224	139 x 549 x 332
		Total: 28 racks	-	(= 392)	-
Upright side rack	90/96/100	14 x USR100-42	4 x 2	112	140 x 566 x 212
		14 x USR100-43	4 x 3	168	140 x 566 x 318
		Total: 28 racks	-	(= 280)	-