

# ARCTIKO ULUF 125

true cooling specialists

**-40/-86°**

**ULTRA LOW TEMPERATURE UNDERCOUNTER** | THE ULUF 125 WILL ADD A NEW DIMENSION TO YOUR LABORATORY.

The compact space-saving design and low noise level makes it a perfect storage solution for your laboratory.

## ► COOLING TECHNOLOGY

The small size is achieved by utilizing Arctiko's special single compressor technology.

The single compressor technology is specially designed to reduce the number of mechanical components that generates unnecessary heat and noise.

It comes with the same advantages as regular sized -86°C from Arctiko and is best in class in cooling performance.

## ► FILTERLESS CONSTRUCTION

Our filter less construction makes cleaning unnecessary. The evaporator coils are spaced so far apart that dust will not be trapped and obstruct the airflow.

With our unique construction, the dust intake is minimal, which eliminates the need for filters entirely, saving you maintenance time and cost.

## ► CUSTOMIZED SOLUTIONS

Even in this size Arctiko can provide a wide range of accessories for customization of the unit, though it is not required to function.

With an optional CO<sub>2</sub> back-up system will keep your samples cold as long as there is CO<sub>2</sub> available in the system – eliminating the dangers of an unstable power grid or simply bad weather.



ULUF 125\* ▲



SINGLE COMPRESSOR SYSTEM



DIRECT COOLING



FILTERLESS CONSTRUCTION



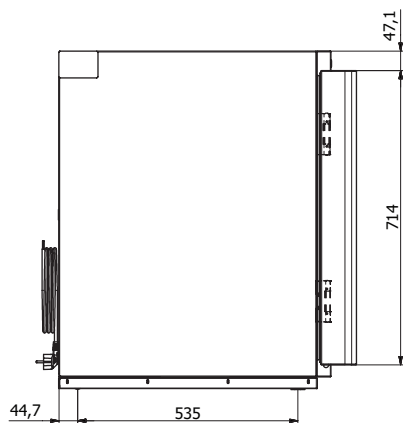
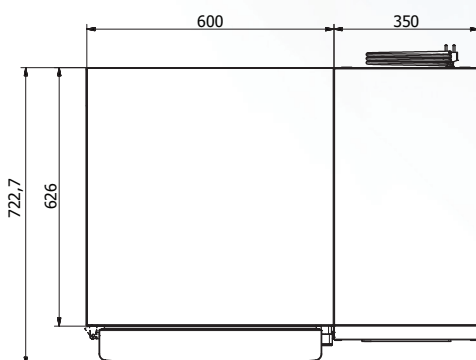
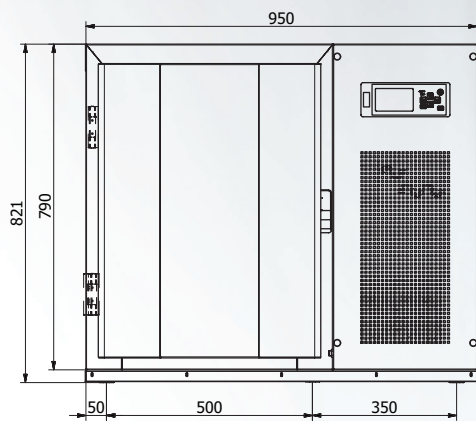
The user friendly G214 controller standard for the ULUF 125. It includes different alarms as; visual, acoustic, open door and more.



Insulated inner door for better recovery time after door openings and optimal temperature stability.



Key lock is a standard feature in our ULUF 125. Placed on side of door for optimal security for your samples.



The ARCTIKO ULUF 125 model supports following optional features:

- Modbus adaptor for G214 controller
- Temperature chart recorder
- CO<sub>2</sub> back-up system
- GSM alarm module
- Voltage converter
- Voltage stabilizer
- Boxes
- Cryo gloves



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	MODEL	ULUF 125
Main specifications	Item code	DAI 1417
	Temperature range (°C)	-40 / -86
	Max. ambient temperature (°C)	25
	Capacity (L)	94
	Exterior dimensions WxDxH (mm)	950x725x810
	Interior dimensions WxDxH (mm)	360x493x530
	Weight (KG)	98
	Insulation (mm)	120
	Cooling technology	single system / static
	Controller model / probe type	G214 / PT1000
Power	Power supply (V)	230
	Frequency (Hz)	50/60
	Power consumption (kWh/24h)	7,0
	AMP (A)	3,3
	Power (Watt)	484
Alarm functions	Horse power (HP)	5/8
	Alarm display as text - not codes	yes
	Visual / acoustic alarm	yes / yes
	Power failure alarm	yes
	Adjustable 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
Data logging & external connection	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
Display features	Temperature chart recorder	optional
	Display type	4,3" with touch buttons
	Number of optional reference probes	2
	Password protection for turning unit on / off	yes
Other features	Temperature graph on display	yes
	Automatic defrost	no
	Antifreeze function	no
	Vacuum 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 / inner doors (pcs)	2
	Fixed shelves (pcs) / adjustable shelves (pcs)	1 / 0
	Total capacity of 50 mm boxes 9x9 dividers (pcs)	48
Refrigeration & cabinet	Total capacity of 75 mm boxes 9x9 dividers (pcs)	36
	Total capacity of 96 mm boxes 9x9 dividers (pcs)	32
	Number of compressors	1
	Refrigerant	EP88
Shipping	Interior cabinet material	stainless steel
	Exterior cabinet material	electrogalvanized steel
	Colour (exterior cabinet)	white
	Foam type	polyurethane
Shipping	VIP vacuum insulated panels	no
	Shipping weight (KG)	129
	Shipping dimensions WxDxH (cm)	103x81x103
Shipping	Shipping volume (m <sup>3</sup> )	0,86