

# ULUF 15



## COMPACT SPACE-SAVING DESIGN AND LOW NOISE LEVEL

The perfect storage solution for your personal laboratory. The freezer is perfect as a benchtop model due to the small size and weight.



SINGLE  
COMPRESSOR  
SYSTEM



DIRECT  
COOLING



FILTERLESS  
CONSTRUCTION

## COOLING TECHNOLOGY

The small size is achieved by utilizing Arctico'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.

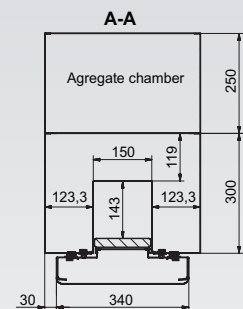
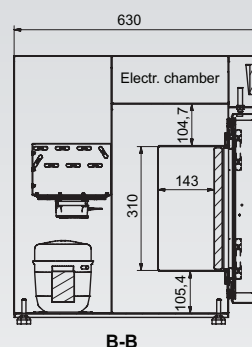
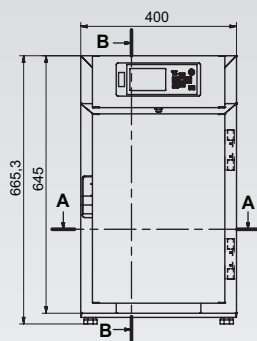
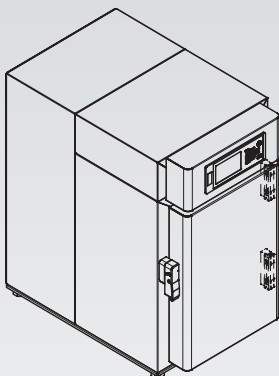
With our compressors located on the top, the dust intake is minimal this eliminating the need for filters entirely, saving you maintenance time and cost.

## THE OPTIMAL CHOICE

Despite its small size og the ULUF 15, you will get a very reliable ultra low freezer. If the need for samples is minimal, then this is the ultimate freezer.

By choosing a ULUF 15 there will be maximum savings on footprint because of its compact space saving design and a great energy saving compared to other larger units.

## MAIN DIMENSION FOR ULUF 15





User friendly G214 controller standard in the ULUF 15. Includes different alarms as; visual, acoustic, open door and more.



Key lock is standard feature in our ULUF 15. Placed on side of door for optimal security for your samples.



Easy overview of samples with boxes.

## OPTIONAL ACCESSORIES

- Modbus adapter for G214 controller
- GSM alarm module
- Voltage converter
- Voltage stabilizer
- Boxes
- Cryo gloves

## MAIN SPECIFICATIONS

Item code	DAI 1390
Temperature range (°C)	-40 / -86
Max. ambient temperature (°C)	25
Capacity (L)	7
Exterior dimensions WxDxH (mm)	400x630x665
Interior dimensions WxDxH (mm)	150x143x310
Weight (KG)	38
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)	6,5
AMP (A)	2,8
Power (Watt)	467
Horse power (HP)	3/8

## ALARM FUNCTIONS

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 module)	yes
Electronic data logger	yes
RS 485 port	yes
USB port for software update & data download	yes
Temperature chart recorder	optional

## DISPLAY FEATURES

Display type	4,3" with touch buttons
Number of optional reference probes	2
Password protection for turning unit on / off	yes
Temperature graph on display	yes

## OTHER FEATURES

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)	no
Fixed feet (pcs) / levelling feet (pcs)	0 / 4
Sub lids or inner doors (pcs)	1
Total capacity of 50 mm boxes 9x9 dividers (pcs)	5
Total capacity of 75 mm boxes 9x9 dividers (pcs)	3
Total capacity of 96 mm boxes 9x9 dividers (pcs)	2

## REFRIGERATION & CABINET

Number of compressors	1
Refrigerant	EP88
Interior cabinet material	stainless steel
Exterior cabinet material	electrogalvanized steel
Colour (exterior cabinet)	white
Foam type	polyurethane
VIP vacuum insulated panels	no

## SHIPPING

Shipping weight (KG)	54
Shipping dimensions WxDxH (cm)	77x48x89
Shipping volume (m <sup>3</sup> )	0,33



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