

true cooling specialists



HIGHLY RELIABLE ULTRA LOW TEMPERATURE FREEZER |

The ULUF 550 Ultra low temperature freezer comes with single cooling technology that offers direct cooling and excellent cooling performance.

MOST RELIABLE FREEZING

The single compressor technology provides reliable low temperature freezing and high temperature uniformity.

With the unique single compressor technology the freezer can reach -86 °C with only one compressor.

This is made possible through our special dimensions of the cooling system and our patented refrigerant.

With direct cooling of each compartment you achieve maximum uniformity and minimum recovery time.

WORKING ENVIROMENT

By placing the compressor and other heat and noise generating components on the top of the unit the heat is distributed up- and backwards preventing the heat from warming up the entire room.

This design also means that there is never a compartment that you will have difficulties overlooking or using fully. Ensuring a ergonomically correct unit which is easy and pleasant to use.

FILTERLESS CONSTRUCTION

Our filterless 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 user friendly G214 controller is standard for the ULUF 550. It includes different alrams 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 550. Placed on side of door for optimal security for your samples.

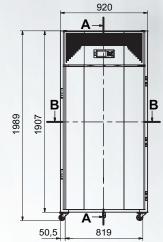


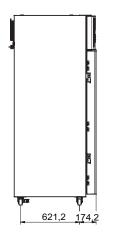
Optimal storage capacity and overview of the stored samples with the stainless steel front rack storage system

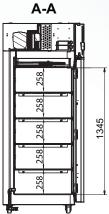
* The pictures shown are for reference only, actual product size may vary. Please read the dimensions of the product in the specifications.

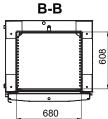


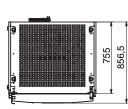












The ARCTIKO ULUF 550 model supports following optional features:

- Modbus adaptor for G214 controller
- Temperature chart recorder
- CO₂ back-up system
- GSM alarm module
- Voltage converter
- Voltage stabilizer
- Racks & Boxes
- Cryo gloves





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VIP vacuum insulated panels no Shipping weight (kg) 331 Shipping weight (lbs) 730 Shipping dimensions WxDxH (cm) 103x108x219 Shipping dimensions WxDxH (inches) 40.6x42.5x86.2 Shipping volume (m ³) 2.44	Display features	Display type Number of optional reference probes Password protection for turning unit on / off Temperature graph on display Automatic defrost Vacuum release port Access port for external probe etc. (int. diameter mm) Access port for external probe etc. (int. diameter inches) Light Lock with key Castors (total pcs) / castors with brake (pcs) Fixed feet (pcs) / levelling feet (pcs) Sub lids / inner doors (pcs) Reversible door(s) Fixed shelves (pcs) / adjustable shelves (pcs) Max. load per shelf (kg) Max. load per shelf (kg) Total capacity of 50 mm / 2 inch boxes (pcs)	4,3" with touch buttons 2 yes no yes no no yes yes 4 / 2 no 5 no 4 / 0 30 66 320 240
VIP vacuum insulated panels no Shipping weight (kg) 331 Shipping weight (lbs) 730 Shipping dimensions WxDxH (cm) 103x108x219 Shipping dimensions WxDxH (inches) 40.6x42.5x86.2 Shipping volume (m ³) 2.44	Other features Display features	Display type Number of optional reference probes Password protection for turning unit on / off Temperature graph on display Automatic defrost Vacuum release port Access port for external probe etc. (int. diameter mm) Access port for external probe etc. (int. diameter inches) Light Lock with key Castors (total pcs) / castors with brake (pcs) Fixed feet (pcs) / levelling feet (pcs) Sub lids / inner doors (pcs) Fixed shelves (pcs) / adjustable shelves (pcs) Max. load per shelf (kg) Max. load per shelf (kg) Total capacity of 50 mm / 2 inch boxes (pcs) Total capacity of 56 mm / 3.8 inch boxes (pcs)	4,3" with touch buttons 2 yes no yes no no yes yes 4/2 no 5 no 4/0 30 66 320 240 160
VIP vacuum insulated panels no Shipping weight (kg) 331 Shipping weight (lbs) 730 Shipping dimensions WxDxH (cm) 103x108x219 Shipping dimensions WxDxH (inches) 40.6x42.5x86.2 Shipping volume (m ³) 2.44	Other features Display features	Display type Number of optional reference probes Password protection for turning unit on / off Temperature graph on display Automatic defrost Vacuum release port Access port for external probe etc. (int. diameter mm) Access port for external probe etc. (int. diameter mm) Access port for external probe etc. (int. diameter inches) Light Lock with key Castors (total pcs) / castors with brake (pcs) Fixed feet (pcs) / levelling feet (pcs) Sub lids / inner doors (pcs) Reversible door(s) Fixed shelves (pcs) / adjustable shelves (pcs) Max. load per shelf (kg) Max. load per shelf (kg) Total capacity of 50 mm / 2 inch boxes (pcs) Total capacity of 75 mm / 3 inch boxes (pcs) Number of compressors	4,3" with touch buttons 2 yes no yes no no yes yes 4/2 no 5 no 4/0 30 66 320 240 160 1
VIP vacuum insulated panels no Shipping weight (kg) 331 Shipping weight (lbs) 730 Shipping dimensions WxDxH (cm) 103x108x219 Shipping dimensions WxDxH (inches) 40.6x42.5x86.2 Shipping volume (m ³) 2.44	Other features Display features	Display type Number of optional reference probes Password protection for turning unit on / off Temperature graph on display Automatic defrost Vacuum release port Access port for external probe etc. (int. diameter mm) Access port for external probe etc. (int. diameter inches) Light Lock with key Castors (total pcs) / castors with brake (pcs) Fixed set (pcs) / levelling feet (pcs) Sub lids / inner doors (pcs) Reversible door(s) Fixed shelves (pcs) / adjustable shelves (pcs) Max. load per shelf (lgs) Total capacity of 75 mm / 3 inch boxes (pcs) Total capacity of 96 mm / 3,8 inch boxes (pcs) Number of compressors Refrigerant	4,3" with touch buttons 2 yes no yes no no yes 4/2 no 5 no 4/0 30 66 320 240 1 EP88
VIP vacuum insulated panels no Shipping weight (kg) 331 Shipping weight (lbs) 730 Shipping dimensions WxDxH (cm) 103x108x219 Shipping dimensions WxDxH (inches) 40.6x42.5x86.2 Shipping volume (m ³) 2.44	Other features Display features	Display type Number of optional reference probes Password protection for turning unit on / off Temperature graph on display Automatic defrost Vacuum release port Access port for external probe etc. (int. diameter mm) Access port for external probe etc. (int. diameter inches) Light Lock with key Castors (total pcs) / castors with brake (pcs) Fixed feet (pcs) / levelling feet (pcs) Sub lids / inner doors (pcs) Reversible door(s) Fixed shelves (pcs) / adjustable shelves (pcs) Max. load per shelf (kg) Max. load per shelf (kg) Total capacity of 75 mm / 3 inch boxes (pcs) Total capacity of 96 mm / 3,8 inch boxes (pcs) Number of compressors Refrigerant Interior cabinet material	4,3" with touch buttons 2 yes no no yes no no yes 4/2 no 5 5 no 4/0 30 66 320 240 160 1 EP88 stainless steel
VIP vacuum insulated panels no Shipping weight (kg) 331 Shipping weight (lbs) 730 Shipping dimensions WxDxH (cm) 103x108x219 Shipping dimensions WxDxH (inches) 40.6x42.5x86.2 Shipping volume (m ³) 2.44	Other features Display features	Display type Number of optional reference probes Password protection for turning unit on / off Temperature graph on display Automatic defrost Vacuum release port Access port for external probe etc. (int. diameter mm) Access port for external probe etc. (int. diameter inches) Light Lock with key Castors (total pcs) / castors with brake (pcs) Fixed feet (pcs) / levelling feet (pcs) Sub lids / inner doors (pcs) Reversible door(s) Fixed shelves (pcs) / adjustable shelves (pcs) Max. load per shelf (kg) Max. load per shelf (kg) Total capacity of 75 mm / 3 inch boxes (pcs) Total capacity of 96 mm / 3,8 inch boxes (pcs) Number of compressors Refrigerant Interior cabinet material	4,3" with touch buttons 2 yes no no yes no no yes 4/2 no 5 5 no 4/0 30 66 320 240 160 1 EP88 stainless steel
VIP vacuum insulated panels no Shipping weight (kg) 331 Shipping weight (lbs) 730 Shipping dimensions WxDxH (cm) 103x108x219 Shipping dimensions WxDxH (inches) 40.6x42.5x86.2 Shipping volume (m ³) 2.44	Other features Display features	Display type Number of optional reference probes Password protection for turning unit on / off Temperature graph on display Automatic defrost Vacuum release port Access port for external probe etc. (int. diameter mm) Access port for external probe etc. (int. diameter inches) Light Lock with key Castors (total pcs) / castors with brake (pcs) Fixed feet (pcs) / levelling feet (pcs) Sub lids / inner doors (pcs) Reversible door(s) Fixed shelves (pcs) / adjustable shelves (pcs) Max. load per shelf (kg) Max. load per shelf (kg) Total capacity of 50 mm / 2 inch boxes (pcs) Total capacity of 96 mm / 3,8 inch boxes (pcs) Number of compressors Refrigerant Interior cabinet material Exterior cabinet material	4,3" with touch buttons 2 yes no yes no yes yes 4/2 no 5 no 30 66 320 240 160 1 EP88 stainless steel electrogalvanized steel
Shipping weight (kg) 331 Shipping weight (lbs) 730 Shipping dimensions WxDxH (cm) 103x108x219 Shipping dimensions WxDxH (inches) 40.6x42.5x86.2 Shipping volume (m ³) 2.44	Other features Display features	Display type Number of optional reference probes Password protection for turning unit on / off Temperature graph on display Automatic defrost Vacuum release port Access port for external probe etc. (int. diameter mm) Access port for external probe etc. (int. diameter inches) Light Lock with key Castors (total pcs) / castors with brake (pcs) Fixed feet (pcs) / levelling feet (pcs) Sub lids / inner doors (pcs) Reversible door(s) Fixed shelves (pcs) / djustable shelves (pcs) Max. load per shelf (kg) Max. load per shelf (kg) Total capacity of 50 mm / 2 inch boxes (pcs) Total capacity of 50 mm / 3,8 inch boxes (pcs) Number of compressors Refrigerant Interior cabinet material Exterior cabinet material Exterior cabinet material	4,3" with touch buttons 2 yes no yes no yes yes yes yes yes 4/2 no 5 no 4/0 30 66 320 240 160 1 EP88 stainless steel electrogalvanized steel white
Shipping weight (lbs) 730 Shipping dimensions WxDxH (cm) 103x108x219 Shipping dimensions WxDxH (inches) 40.6x42.5x86.2 Shipping volume (m ³) 2.44	Other features Display features	Display type Number of optional reference probes Password protection for turning unit on / off Temperature graph on display Automatic defrost Vacuum release port Access port for external probe etc. (int. diameter mm) Access port for external probe etc. (int. diameter inches) Light Lock with key Castors (total pcs) / castors with brake (pcs) Fixed feet (pcs) / levelling feet (pcs) Sub lids / inner doors (pcs) Reversible door(s) Fixed shelves (pcs) / adjustable shelves (pcs) Max. load per shelf (kg) Max. load per shelf (kg) Total capacity of 75 mm / 3 inch boxes (pcs) Total capacity of 96 mm / 3,8 inch boxes (pcs) Number of compressors Refrigerant Interior cabinet material Exterior cabinet material Exterior cabinet material	4,3" with touch buttons 2 yes no yes no no yes yes yes yes yes yes 4 / 2 no 5 no 520 240 160 1 EP88 stainless steel electrogalvanized steel white polyurethane
Bipping dimensions WxDxH (cm) 103x108x219 Shipping dimensions WxDxH (inches) 40.6x42.5x86.2 Shipping volume (m³) 2.44	Other features Display features	Display type Number of optional reference probes Password protection for turning unit on / off Temperature graph on display Automatic defrost Vacuum release port Access port for external probe etc. (int. diameter mm) Access port for external probe etc. (int. diameter inches) Light Lock with key Castors (total pcs) / castors with brake (pcs) Fixed feet (pcs) / levelling feet (pcs) Sub lids / inner doors (pcs) Reversible door(s) Fixed shelves (pcs) / adjustable shelves (pcs) Max. load per shelf (kg) Max. load per shelf (kg) Total capacity of 75 mm / 3 inch boxes (pcs) Total capacity of 96 mm / 3,8 inch boxes (pcs) Number of compressors Refrigerant Interior cabinet material Exterior cabinet material	4,3" with touch buttons 2 yes no no no yes yes 4/2 no 5 5 no 4/0 30 66 320 240 160 1 EP88 stainless steel electrogalvanized steel white polyurethane no
Shipping volume (m ³) 2.44	Other features Display features	Display type Number of optional reference probes Password protection for turning unit on / off Temperature graph on display Automatic defrost Vacuum release port Access port for external probe etc. (int. diameter mm) Access port for external probe etc. (int. diameter inches) Light Lock with key Castors (total pcs) / castors with brake (pcs) Fixed feet (pcs) / levelling feet (pcs) Sub lids / inner doors (pcs) Reversible door(s) Fixed shelves (pcs) / adjustable shelves (pcs) Max. load per shelf (kg) Max. load per shelf (kg) Number of compressors Refrigerant Interior cabinet material Exterior cabinet material Exterior cabinet material Colour (exterior cabinet) Foam type VIP vacuum insulated panels Shipping weight (kg)	4,3" with touch buttons 2 yes no yes no yes 4/2 no 5 no 66 320 240 160 1 EP88 stainless steel electrogalvanized steel white polyurethane no 331
Shipping volume (m ³) 2.44	Refrigeration & cabinet Other features Display features	Display type Number of optional reference probes Password protection for turning unit on / off Temperature graph on display Automatic defrost Vacuum release port Access port for external probe etc. (int. diameter mm) Access port for external probe etc. (int. diameter inches) Light Lock with key Castors (total pcs) / castors with brake (pcs) Fixed feet (pcs) / levelling feet (pcs) Sub lids / inner doors (pcs) Reversible door(s) Fixed shelves (pcs) / adjustable shelves (pcs) Total capacity of 75 mm / 3 inch boxes (pcs) Total capacity of 75 mm / 3.8 inch boxes (pcs) Number of compressors Refrigerant Interior cabinet material Exterior cabinet material Colour (exterior cabinet) Fixed shelves (pcs) Shipping weight (kg) Shipping weight (kg)	4,3" with touch buttons 2 yes no yes no yes yes 4/2 no 5 no 4/0 30 66 320 240 160 1 EP88 stainless steel electrogalvanized steel white polyurethane no 331 730
Shipping volume (m ³) 2.44	Refrigeration & cabinet Other features Display features	Display type Number of optional reference probes Password protection for turning unit on / off Temperature graph on display Automatic defrost Vacuum release port Access port for external probe etc. (int. diameter mm) Access port for external probe etc. (int. diameter inches) Light Lock with key Castors (total pcs) / castors with brake (pcs) Fixed feet (pcs) / levelling feet (pcs) Sub lids / inner doors (pcs) Reversible door(s) Fixed shelves (pcs) / adjustable shelves (pcs) Total capacity of 75 mm / 3 inch boxes (pcs) Total capacity of 75 mm / 3.8 inch boxes (pcs) Number of compressors Refrigerant Interior cabinet material Exterior cabinet material Colour (exterior cabinet) Fixed shelves (pcs) Shipping weight (kg) Shipping weight (kg)	4,3" with touch buttons 2 yes no yes no yes yes 4/2 no 5 no 4/0 30 66 320 240 160 1 EP88 stainless steel electrogalvanized steel white polyurethane no 331 730
	Refrigeration & cabinet Other features Display features	Display type Number of optional reference probes Password protection for turning unit on / off Temperature graph on display Automatic defrost Vacuum release port Access port for external probe etc. (int. diameter mm) Access port for external probe etc. (int. diameter inches) Light Lock with key Castors (total pcs) / castors with brake (pcs) Fixed feet (pcs) / levelling feet (pcs) Sub lids / inner doors (pcs) Reversible door(s) Fixed shelves (pcs) / adjustable shelves (pcs) Max. load per shelf (kg) Max. load per shelf (kg) Max. load per shelf (kg) Total capacity of 50 mm / 2 inch boxes (pcs) Total capacity of 50 mm / 3, 8 inch boxes (pcs) Number of compressors Refrigerant Interior cabinet material Exterior cabinet material Colour (exterior cabinet) Foam type VIP vacuum insulated panels Shipping weight (kg) Shipping dimensions WxDxH (cm)	4.3" with touch buttons 2 yes no yes no yes no yes no yes yes <t< td=""></t<>
	Refrigeration & cabinet Other features Display features	Display type Number of optional reference probes Password protection for turning unit on / off Temperature graph on display Automatic defrost Vacuum release port Access port for external probe etc. (int. diameter mm) Access port for external probe etc. (int. diameter inches) Light Lock with key Castors (total pcs) / castors with brake (pcs) Fixed feet (pcs) / levelling feet (pcs) Sub lids / inner doors (pcs) Reversible door(s) Fixed shelves (pcs) / adjustable shelves (pcs) Max. load per shelf (kg) Max. load per shelf (kg) Total capacity of 50 mm / 2 inch boxes (pcs) Total capacity of 50 mm / 3.8 inch boxes (pcs) Number of compressors Refrigrant Interior cabinet material Exterior cabinet material Exterior cabinet material Colour (exterior cabinet) Foam type VIP vacuum insulated panels Shipping weight (kg) Shipping dimensions WxDxH (cm) Shipping dimensions WxDxH (cnches)	4,3" with touch buttons 2 yes no yes no yes no yes 100 1 EP88 stainless steel electrogalvanized steel white polyurethane no 331 730 103x108x219 40.6x42.5x86.2

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