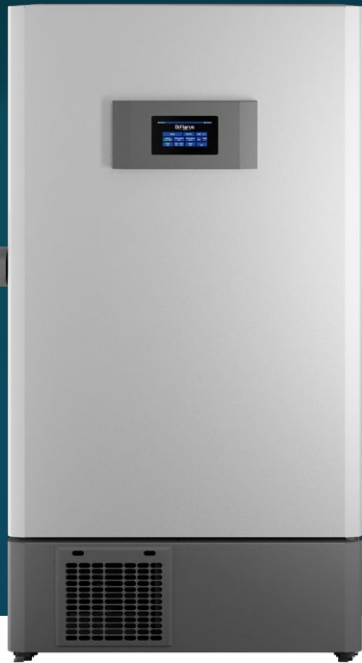


ultra-low temperature cabinet

ULTU 650

-40...-86°C



VIP panel in the side walls, back and door



R 290
R 1150

Eco-friendly refrigerant



Electronic temperature controller with digital display



Alarm backup battery



8 otworów walidacyjnych



2 castors with brake and 2 castors without brake



Manual decompression valve



Easy access to condenser cleaning



STANDARD EQUIPMENT:

- RAL 7012 / RAL 7035 coated external body
- Interior made of AISI 304 acid-resistant steel
- 120 mm insulation (including VIP panel)
- VIP panel in the side walls, back and door
- Cascade cooling system
- Eco-friendly refrigerant
- Solid door
- Right-hand door
- 4 insulated closed inner doors limiting heat loss whilst opening
- Electronic temperature controller with a 7" touch screen on the door, with a built-in temperature and device operating parameters recording system
- Possibility to change the temperature setting every 0.1K
- Side handle with integrated lock
- High and low temperature visual and sound alarm
- Open door alarm
- Dirty condenser coil alarm
- Broken temperature sensor alarm
- Compressor failure alarm
- Power failure alarm
- Alarm backup battery
- External alarm output - potential-free contact
- Shelf guides / horizontal supports
- 2 perforated sheet metal shelves (movable)
- 1 perforated sheet metal shelf (fixed)
- 8 check holes
- 2 castors with brake and 2 castors without brake
- Manual decompression valve
- Easy access to condenser cleaning



OPTIONAL EQUIPMENT:

- Additional shelf guides / horizontal supports
- Additional (perforated) shelves
- Left-hand door
- Condenser filter
- External standalone temperature monitoring set with a SIM card
- CO₂ backup

+ ADDITIONAL SERVICES:



Installation qualification



Operational qualification



Performance Qualification

LAUREAT KONKURSU

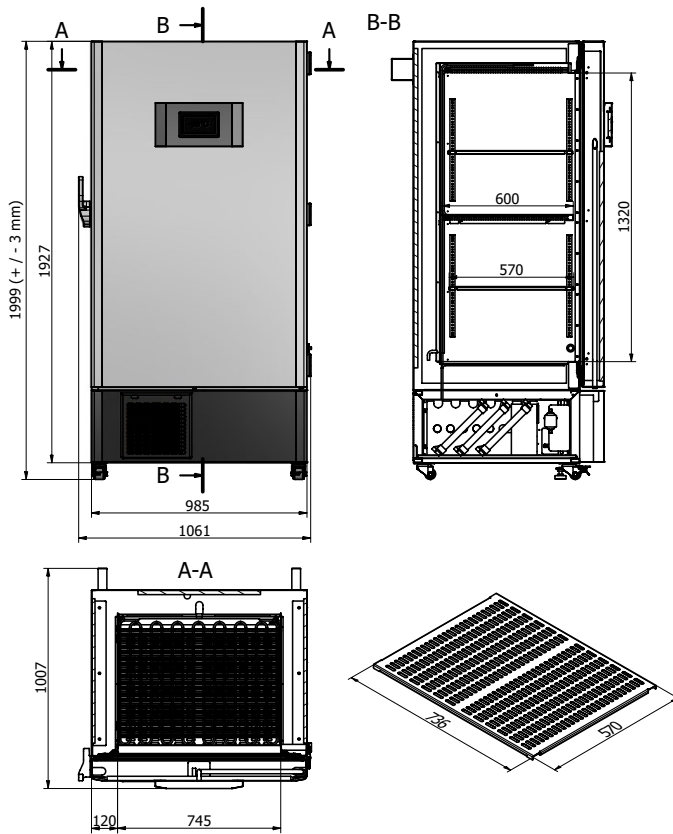


TERAZ POLSKA

Bolarus
since 1962

ultra low temperature cabinet

ULTU 650



VIP panel in the side walls, back and door



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Easy access to condenser cleaning

Technical data

	Width	Depth	Height
External dimensions [mm]:	1061	1007	2000
Internal dimensions [mm]:	745	600	1320
Cooling unit type:	internal		
Cooling type:	static		
Gross capacity:	590 [dm ³]		
Net capacity:	450 [dm ³]		
Weight:	270 [kg]		
Max load:	160 [kg]		
Number of shelves:	3		
Number of guides / horizontal supports:	8		
Possible number of racks:	20		
Possible number of 50mm / 2" containers	440		
Max shelf load:	40 [kg]		
Temperature range:	-40... -86 [°C]		
Ambient conditions:	+25 [°C] at 60% HR		
Refrigerant:	R290 / R1150		
Power:	230/50 [V/Hz]		
Number of external doors:	1		
Number of internal doors:	4		
Daily energy consumption:	15.1 [kWh/24]		
Noise level:	55 [dB]		
Power rating:	1500 [W]		
Rated current:	6.5 [A]		