

Data sheet

VWR® ULT Freezer 528 Eco Premium

BENEFITS

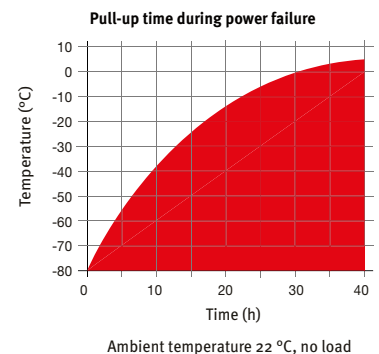
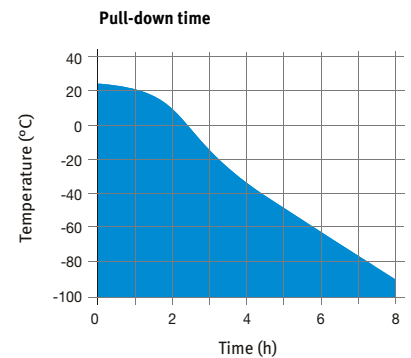
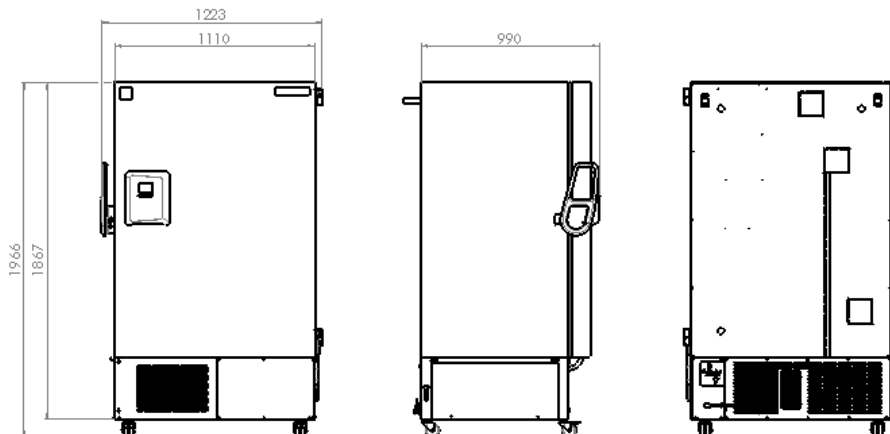
- Reliable preservation of valuable and sensitive samples
- Green refrigerants
- Highly efficient VIP insulation
- Complete inner chamber made of stainless steel
- Low energy consumption and long warm-up time



ULT Freezer 528 ECO Premium

MAIN FEATURES

- Temperature range: -86 °C to -50 °C
- Maximum box capacity: 528
- Environmentally friendly refrigerants R-290 and R-170
- Thermal insulation with VIPs
- Innovative door gasket concept
- Ergonomic door handle
- Complete inner chamber made of stainless steel
- Individually adaptable chamber compartments
- USB and Ethernet interface for data transfer



TECHNICAL DATA

Description	VWR® ULT Freezer 528 Eco Premium	VWR® ULT Freezer 528 Eco Premium UL 120V	VWR® ULT Freezer 528 Eco Premium UL 240V
Outer dimensions			
Width net [mm]	1110	1110	1110
Height net [mm]	1966	1966	1966
Depth net [mm]	938	938	938
Internal Dimensions			
Width [mm]	890	890	890
Height [mm]	1300	1300	1300
Depth [mm]	605	605	605
Measures			
Interior volume [L]	700	700	700
Net weight of the unit (empty) [kg]	288	288	288
permitted load [kg]	200	200	200
Performance Data Temperature			
Temperature range [°C]	-86...-50	-86...-50	-86...-50
Temperature variation at -80 °C [± K]	2.5	2.5	2.5
Temperature fluctuation at -80 °C [± K]	1.5	1.5	1.5
Cooling down time from 22 °C to -80 °C [min]	420	420	420
Warm-up time during power failure from -80 °C / -122 °F to -50 °C / -58 °F [min]	360	360	360
Electrical data			
Nominal power [kW]	1.6	1.6	1.6
Environment-specific data			
Energy consumption at set-point -80 °C and ambient temperature = 21 °C [kWh/d]	8.1	8.1	8.1
Fixtures			
Number of shelves (std./max.)	3/13	3/13	3/13
Load-variants			
Cryoboxes, 50 mm	528	528	528
Freezer racks per compartment	6	6	6

ORDERING INFORMATION

Box capacity	Voltage	EU Cat. No.	NA Cat. No.
528	230 V 1~ ph 50 Hz	471-1253	
	120 V 1~ ph 60 Hz		76514-176
	240 V 1~ ph 60 Hz		76533-506

ACCESSORIES

Designation	NA Cat. No.	EU Cat. No.
Compartment doors insulated Freezer 528	76509-448	471-1255
Lockable main switch VWR ULT Freezer	76509-450	471-1256
Deicing kit VWR ULT Freezer 528	76509-454	471-1258
Shelf set VWR ULT Freezer 528	76509-458	471-1260
Condenser air filter	76521-268	471-1261