

Data sheet

VWR® ULT Freezer 264 Eco Premium

BENEFITS

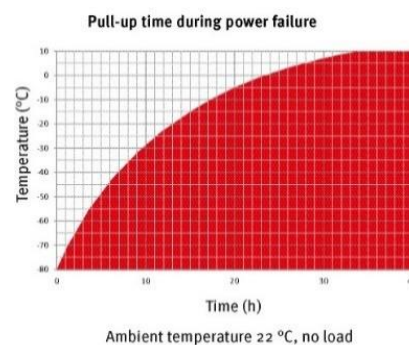
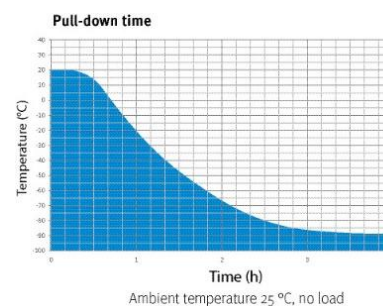
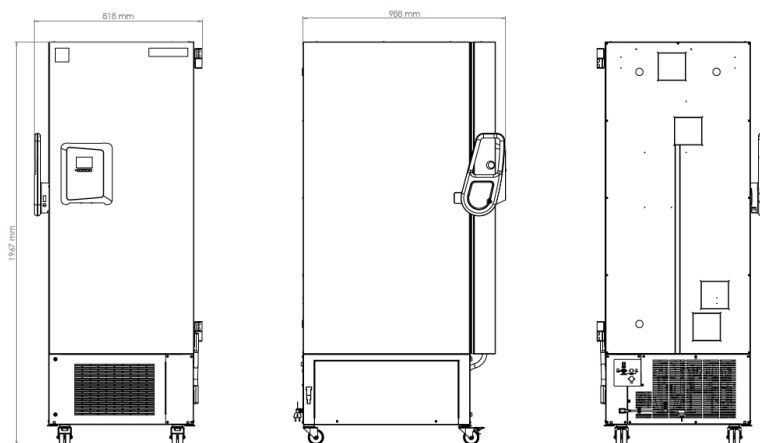
- Reliable preservation of valuable and sensitive samples
- Green refrigerants
- Highly efficient VIP insulation
- Complete inner chamber made of stainless steel
- Low energy consumption and long warm-up time



ULT Freezer 264 ECO Premium

MAIN FEATURES

- Temperature range: -86 °C to -50 °C
- Maximum box capacity: 264
- 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 264 Eco Premium, 230 V	VWR® ULT Freezer 264 Eco Premium, 120 V	VWR® ULT Freezer 264 Eco Premium, 208V
Performance data temperature			
Temperature range [°C]	-86...-50	-86...-50	-86...-50
Temperature variation at -80 °C [± K]	3.5	3.5	3.5
Temperature fluctuation at -80 °C [± K]	3.5	3.5	3.5
Cooling time from 22 °C to -80 °C [min].	150	150	150
Warm-up time in case of power failure from -80 °C/- 122°F to -50 °C/-58°F [min].	280	280	280
Electrical data			
Nominal power [kW]	1.6	1.4	1.8
Measures			
Interior volume [L]	382	382	382
Net unit weight (empty) [kg]	226	226	226
Permitted total load [kg]	160	160	160
Internal dimensions			
Width [mm]	486	486	486
Height [mm]	1300	1300	1300
Depth [mm]	605	605	605
Outer dimensions without attachments and connections			
Net width [mm]	706	706	706
Net height [mm]	1966	1966	1966
Depth net [mm]	938	938	938
Environmentally relevant data			
Energy consumption at set point -80 °C and Tu = 20 °C [kWh/d].	7.9	7.9	7.9
Sound pressure level [dB(A)]	47	47	47
Fixtures			
Number of shelves (Std./max.)	3/13	3/13	3/13
Loading variants			
Racks per slide-in level	3	3	3
Cryoboxes 50 mm	264	264	264

ORDERING INFORMATION

Box capacity	Voltage	EU Cat. No.	NA Ca. No.
264	230 V 1~ ph 50 Hz	471-1304	
	120 V 1~ ph 60 Hz		76683-448
	208 V 1~ ph 60 Hz		76683-450

ACCESSORIES

Description VWR	EU Cat. No.	NA Cat. No.
Compartment doors insulated Freezer 264	471-1306	76717-058
Lackable main switch VWR ULT Freezer	471-1256	76509-450
De-icing kit VWR ULT Freezer 264	471-1303	76717-060
Shelf set VWR ULT Freezer 264	471-1305	76717-062
Condenser air filter	471-1261	76521-268