

TECHNICAL DATA

Description	UFV700-230V ¹	UFV700-230V-W ¹	UFV700UL-120V ¹	UFV700UL-240V ¹
Article Number	9020-0348	9020-0350	9020-0352	9020-0354
Performance Data Temperature				
Temperature range	-90...-40	-90...-40	-90...-40	-90...-40
Temperature variation at -80 °C [± K]	2.5	2.5	2.5	2.5
Temperature fluctuation at -80 °C [± K]	1.5	1.5	1.5	1.5
Cooling down time from 22 °C to -80 °C [min]	450	450	450	450
Warm-up time during power failure from -80 °C / -122 °F to -60 °C / -76 °F [min]	250	250	250	250
Electrical data				
Rated Voltage [V]	230	230	120	240
Power frequency [Hz]	50	50	60	60
Nominal power [kW]	1.6	1.6	1.4	1.6
Unit fuse [A]	10	10	13	10
Phase (Nominal voltage)	1~	1~	1~	1~
Measures				
Interior volume [L]	700	700	700	700
Net weight of the unit (empty) [kg]	289	289	289	289
Permitted load [kg]	200	200	200	200
Permitted load of individual compartment [kg]	50	50	50	50
Wall clearance back [mm]	100	100	100	100
Wall clearance sidewise [mm]	250	250	250	250
Internal Dimensions				
Width [mm]	890	890	890	890
Height [mm]	1300	1300	1300	1300
Depth [mm]	605	605	605	605
Doors				
Unit doors	1	1	1	1
Housing dimensions not incl. fittings and connections				
Width net [mm]	1110	1110	1110	1110
Height net [mm]	1966	1966	1966	1966
Depth net [mm]	938	938	938	938
Environment-specific data				
Energy consumption at set-point -80 °C and ambient temperature = 21 °C [kWh/d]	8.1	8.1	8.1	8.1
Average heat dissipation at set-point -80 °C and ambient temperature = 21 °C [W]	340	340	340	340
Sound-pressure level [dB(A)]	47	47	47	47
Fixtures				
Number of shelves (std./max.)	3/13	3/13	3/13	3/13
Load-variants				
Freezer racks per compartment	6	6	6	6
Cryoboxes, 50 mm	528	528	528	528

¹ All technical data is specified for unloaded units with standard equipment at an ambient temperature of +22 °C ±3 °C and a power supply voltage fluctuation of ±10%. The temperature data is determined in accordance to BINDER factory standard following DIN 12880, observing the recommended wall clearances of 10 % of the height, width, and depth of the inner chamber. All indications are average values, typical for units produced in series. We reserve the right to change technical specifications at any time.