

K210, K221, K226 Ultra Low Temperature Freezers

USES: / CLINICAL APPLICATIONS / VACCINES & MEDICATIONS / BIOLOGICS / DIAGNOSTICS KITS / MOLECULAR BIOLOGY / INDUSTRIAL TESTING

K2 ULT models feature space-saving, vacuum-sealed cabinet insulation designed to maximize space and cooling efficiency. K2 ULT's are equipped with intelligent, adjustable controls, alarms and data logger ports that make them ideal for frozen vaccine storage where temperature monitoring is critical. The upright ULTs feature adjustable stainless-steel shelves with both interior and exterior doors for maximum temperature stability.



K210ULT

- Intelligent microprocessor digital LCD display, password protected.
- Cabinet and ambient air temperature displays
- Adjustable temperature control
- Audible and visual high or low temperature alarms
- Power failure audible alarm
- Low battery audible alarm



K221ULT

- Sensor failure alarm
- Refrigerant: CFC-Free
- Shelves are adjustable in 1" increments
- Exterior and interior cabinet constructed of stainless steel with PUF-VIP, high density insulation
- Easy swivel casters
- 0.5" temperature probe and data logger access port



K226ULT

- Remote dry alarm contacts
- UL listed
- Built and shipped from ISO 9001:2015 manufacturing and distribution facilities
- Each cabinet undergoes three quality control checks prior to shipping
- Warranty: Two-year parts, labor, or full replacement

MODEL NUMBER	CAPACITY CU. FT.	Exterior Depth x Width x Height	Interior Depth x Width x Height	TEMP RANGE (SETPOINT)	DOORS	SHELVES	DEFROST	SHIPPING WT. LBS.
K210ULT	10	27.5" x 25.25" x 77.75"	17.5" x 18" x 51.5"	-50°C to -86°C (-80°C)	1 external 2 internal	3	MANUAL	465 lbs
K221ULT	21	33" x 36.22" x 75.6"	22.5" x 28.5" x 51.5"	-50°C to -86°C (-80°C)	1 external 2 internal	3	MANUAL	685 lbs
K226ULT	26	38" x 36.13" x 77.63"	28" x 29" x 51.57"	-50°C to -86°C (-80°C)	1 external 2 internal	3	MANUAL	736 lbs

Model #	K210ULT	K221ULT	K226ULT
Storage Volume	10 cubic feet	21 cubic feet	26 cubic feet
Specifications			
Exterior (D x W x H)	27.5" x 25.25" x 77.75"	33" x 36.22" x 75.6"	38" x 36.13" x 77.63"
Interior (D x W x H)	17.5" x 18" x 51.5"	22.5" x 28.5" x 51.5"	28" x 29" x 51.57"
Product Capacity	180 boxes (2")	400 boxes (2")	500 boxes (2")
Insulation	CFC-free, high density insulation	CFC-free, high density insulation	CFC-free, high density insulation
Doors	1 external 2 internal	1 external 2 internal	1 external 2 internal
Shelves	3	3	3
Access Port	0.5" probe port	0.5" probe port	0.5" probe port
Casters	Standard	Standard	Standard
Shipping Weight	465 lbs	685 lbs	736 lbs
Certifications & Compliances	cULus, ISO: 9001:2015, CDC and VFC Compliant, EPA and SNAP Compliant	cULus, ISO: 9001:2015, CDC and VFC Compliant, EPA and SNAP Compliant	cULus, ISO: 9001:2015, CDC and VFC Compliant, EPA and SNAP Compliant
Performance			
Adjustable Set Point Range	-50°C to -86°C	-50°C to -86°C	-50°C to -86°C
Factory Set Point	-80°C	-80°C	-80°C
Electrical Power/Current	120v 60 Hz 15 Amp	120v 60 Hz 15 Amp	120v 60 Hz 15 Amp
Power Plug	NEMA 5-15	NEMA 5-15	NEMA 5-15
Indoor/Outdoor Use	Indoor use only	Indoor use only	Indoor use only
Application Environment	Non-corrosive, non-flammable, non-explosive	Non-corrosive, non-flammable, non-explosive	Non-corrosive, non-flammable, non-explosive
Ambient Operating Temp	20°C to 32°C	20°C to 32°C	20°C to 32°C
Refrigeration			
Refrigeration System	Vapor compression system	Vapor compression system	Vapor compression system
Compressor	Hemetically sealed compressor	Hemetically sealed compressor	Hemetically sealed compressor
Condenser Type	Foamed in	Foamed in	Foamed in
Expansion Device	Capillary tube	Capillary tube	Capillary tube
Evaporator Type	Cold wall evaporator	Cold wall evaporator	Cold wall evaporator
Defrost	Manual	Manual	Manual
Refrigerant	Mix (Isobutane)	Mix (Isobutane)	Mix (Isobutane)
Controller/System Configuration			
User Interface	Microprocessor with touchscreen display	Microprocessor with touchscreen display	Microprocessor with touchscreen display
Power Switch	Plug & Play	Plug & Play	Plug & Play
Controller Type	Digital Controller	Digital Controller	Digital Controller
Security	Padlock Compatible	Padlock Compatible	Padlock Compatible
Control Sensor	NTC probe	NTC probe	NTC probe
Remote Alarm Terminals	Standard	Standard	Standard
High/Low Alarms	Standard	Standard	Standard
Power Failure Alarm	Standard	Standard	Standard
Door Ajar Alarm	Standard	Standard	Standard
Warranty	Two-year parts, labor, or full replacement	Two-year parts, labor, or full replacement	Two-year parts, labor, or full replacement