

K230GDR Pharmaceutical / Laboratory

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

K2's 30 cu. ft. high-performance medical grade refrigerators have the most capacity of all K2 Scientific single door units. The K230 feature a single monoblock to provide stable cooling temperatures and uniformity throughout the cabinet. At 34 inches wide and 37 inches deep, it offers a full 5-feet of vertical storage in a relatively small footprint.



- Visual and audible high or low temperature, sensor failure, door open alarms
- Rapid cool-down mode after door opening for quick temperature recovery
- SMART Defrost reduces temperature spikes during defrost cycle
- Remote dry alarm contacts
- Door-activated and exterior switch-activated interior LED lighting
- Cabinet constructed of white powder-coated 304 steel with CFC-free, high-density insulation (2.4' thick)
- R290 refrigerant
- Easy swivel casters
- Keyed door locks
- 0.75-inch temperature probe and, one data logger access port
- UL and cUL listed (61010-1)
- Energy Star high performance certified and listed
- Each cabinet undergoes three quality control checks prior to shipping
- Shelves are adjustable by 1-inch increments
- Warranty: Two-year full-replacement and parts, plus five additional years for compressor replacement



K2 Monoblock Technology is a one-piece, removable cooling system installed on top of the refrigerator or freezer. In the event of a major performance issue, the K2 Monoblock can be easily replaced making the K2 refrigerator or freezer the last unit you will ever need to purchase.



K230GDR
Glass Door



K230SDR
Solid Door
Special Order



K230GDR-SS
Stainless Glass Door
Special Order



K230SDR-SS
Stainless Solid Door
Special Order

Plug Type
Standard:
NEMA 5-15
Optional:
NEMA 5-20



MODEL NUMBER	CAPACITY CU. FT. / liters	INTERIOR Width x Depth x Height	EXTERIOR Width x Depth x Height	TEMP RANGE (SETPPOINT)	DOORS	SHELVES	DEFROST	CERTIFICATION	SHIPPING WT. kg / LBS.
K230SDR K230GDR K230GDR-SS K230SDR-SS	30/850	W-700mm (27.50") D-782mm (30.80") H-1570mm (61.84")	W-860mm (33.85") D-960mm (37.80") H-2060mm (81.12")	1°C - 12°C Preset +4°C	1	4	SMART	UL / cUL	190KG (420LBS) 200KG (440LBS) 190KG (420LBS) 200KG (440LBS)

REFRIGERATORS	High-performance storage of blood, vaccines, pharmaceuticals and laboratory products					
Model#	K212	K225	K230	K249-SD	K249	K272
Storage Volume	14 cu ft	25 cu ft	30 cu ft	45 cu ft	49 cu ft	72 cu ft
Performance Characteristics						
Exterior (W x D x H)	28.35"x 25.27"x 71.75"	28.35"x 31.5"x 79.25"	33.85"x 37.8"x 81.12"	56.69"x 31.5"x 79.25"	56.69"x 31.5"x 79.25"	85.04"x 33.46"x 79.25"
Interior (W x D x H)	23.62"x 26.18"x 59.84"	23.62"x 26.18"x 59.84"	27.5"x 37.8"x 59.84"	51.97"x 26.18"x 59.84"	51.97"x 26.18"x 59.84"	80.31"x 26.18"x 59.84"
Insulation	CFC-free, high density insulation					
Doors	1	1	1	2- Sliding	2	3
Door Perimeter Heater	Standard					
Shelves	4	4	4	8	8	12
Access Port	0.75" Probe port					
Casters	Yes					
Unit Weight	195 lbs	253 lbs	440 lbs	465 lbs	465 lbs	694 lbs
Agency Listings	UL/cUL	UL/cUL, FDA	UL/cUL	UL/cUL	UL/cUL, FDA	UL/cUL, FDA
Performance						
Peak Variance*	4.4°C	3.6°C	4.5°C	3.4°C	4.4°C	3.4°C
Stability	+ 2.0°C / - 2.0°C	+ 0.63°C / - 1.4°C	NA	+ 1.32°C / - 1.34°C	+ 1.32°C / - 1.34°C	+ 0.88°C / - 1.87°C
Energy Consumption (KWhr/ day)*	3.04	3.85	2.77	3.81	3.81	8.67
Adjustable Set Point Range	1°C to 12°C					
Factory Set Point	+ 4°C					
Electrical Power/ Current	120v 60 Hz					
Building Supply Rating	15 Amp					
Power Plug/Cord Length	NEMA 5-15 / 10ft cord					
VFC Compliant	Yes					
Energy Star	Yes					
Indoor/Outdoor Use	Indoor use only					
Application Environment	Non-corrosive, non-flammable, non-explosive					
Ambient Operating Temp. (oC)	25°C to 32°C					
Refrigeration						
Refrigeration System	Vapor compression system, forced-air					
Compressor	Hermetic sealed compressor					
Condenser Type	Steel tube and fins					
Expansion Device	Capillary tube					
Evaporator Type	Copper aluminum coated (1000 hours tested salty fog)					
Defrost	Smart- hot gas					
Refrigerant	R290 (Propane)- EPA, SNAP compliant					
Controller/System Configuration						
User Interface	Microprocessor with digital display					
Power Switch	On/Off					
Controller Type	Digital controller					
Security	Lockable doors					
Control Sensor	NTC probe					
Remote Alarm Terminals	Standard					
High/Low Alarms	Standard					
Power Failure Alarm	Standard					
Door Ajar Alarm	Standard					
Options	Stainless steel					
Warranty	2 years parts & labor, 5 years on monoblock compressor					

*Data according to EPA Energy Star <https://www.energystar.gov/productfinder/product/certified-lab-grade-refrigeration/results>