

K248 High Performance Refrigerators & Freezer

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

K2's 48 cu. ft. High Performance Refrigerators & Freezer ensures reliable cooling temperatures and uniformity for your medical and laboratory storage needs. With an innovative design and user-friendly interface, these refrigerators and freezers provide the ideal solution for maintaining the integrity and effectiveness of your temperature-sensitive materials.



K248GDR

- Intelligent microprocessor controller with digital display adjustable by 0.1 degrees
- Visual and audible hi or low temperature, sensor failure, door open alarms
- Static (cycle) defrost on refrigerators; Auto defrost on freezers
- Rapid cool-down mode for quick temperature recovery after door opening



K248SDR

- Easy swivel casters
- Door-activated interior LED lighting
- Cabinet constructed of white powder-coated 304 steel with CFC-free, high-density insulation
- Built and shipped from ISO 9001:2015 manufacturing and distribution facilities
- R290 refrigerant, environmentally green EPA SNAP compliant



K248SDF

- 0.5 inch temperature probe data logger access port
- Shelves are adjustable by 1" increments
- Keyed door locks
- Each cabinet undergoes three quality control checks prior to shipping
- Warranty: Two-year parts, labor, or full replacement; plus additional three years on the compressor

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.
K248GDR	48	34.75" x 54" x 80.5"	24.5" x 49.375" x 59.375"	2°C to 8°C (+4°C)	2	10	STATIC (CYCLE)	566 lbs
K248SDR								490 lbs
K248SDF	48	34.75" x 54" x 80.5"	24.5" x 49.375" x 59.375"	-10°C to -25°C (-20°C)	2	10	AUTO	490 lbs

Model #	K248GDR/SDR	K248SDF
Storage Volume	48 cubic feet	48 cubic feet
Specifications		
Exterior (D x W x H)	34.75" x 54" x 80.5"	34.75" x 54" x 80.5"
Interior (D x W x H)	24.5" x 49.375" x 59.375"	24.5" x 49.375" x 59.375"
Shelves (D x W)	24.375" x 23.125"	24.375" x 23.125"
Insulation	CFC-free, high density insulation	CFC-free, high density insulation
Doors	2	2
Shelves	10	10
Access Port	0.5" probe port	0.5" probe port
Casters	Standard	Standard
Shipping Weight	566/490 lbs	490 lbs
Certifications & Compliances	ISO 9001:2015, CDC and VFC Compliant, EPA and SNAP Compliant	ISO 9001:2015, CDC and VFC Compliant, EPA and SNAP Compliant
Performance		
Adjustable Set Point Range	2°C to 8°C	-10°C to -25°C
Factory Set Point	+4°C	-20°C
Electrical Power/F.L. Amps	115v 60 Hz 4.5 A	115v 60 Hz 9.0 A
Power Plug	NEMA 5-15	NEMA 5-15
Indoor/Outdoor Use	Indoor use only	Indoor use only
Application Environment	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
Refrigeration		
Refrigeration System	Vapor compression system, forced-air	Vapor compression system
Compressor	Hemetically sealed compressor	Hemetically sealed compressor
Condenser Type	Steel tube and fins	Steel tube and fins
Expansion Device	Capillary tube	Capillary tube
Evaporator Type	Copper aluminum coated	Copper aluminum coated
Defrost	Static (Cycle)	Auto
Refrigerant	R290 (Propane)	R290 (Propane)
Controller/System Configuration		
User Interface	Microprocessor with digital display	Microprocessor with digital display
Power Switch	Plug & Play	Plug & Play
Controller Type	Digital Controller	Digital Controller
Security	Keyed lockable doors	Keyed lockable doors
Control Sensor	NTC probe	NTC probe
High/Low Alarms	Standard	Standard
Power Failure Alarm	Standard	Standard
Door Ajar Alarm	Standard	Standard
Warranty	Two-year parts, labor, or full replacement; plus additional three years on compressor	Two-year parts, labor, or full replacement; plus additional three years on compressor

Interior

