

# K210GDR/SDR/SDF Refrigerators & Freezer

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K2 Scientific's compact 10 cu. ft. refrigerators and freezer are perfect for storing vaccines. Engineered with precision, these refrigerators are meticulously crafted to optimize space utilization without compromising on performance. Their small footprint design makes them an ideal choice for facilities with space constraints, where every square inch matters.



K210GDR



K210SDR



K210SDF

- Intelligent microprocessor controller with digital display and adjustable temperature control
- Audible and visual high or low temperature alarms
- Magnetically sealed door with rapid cool-down mode after door opening
- Efficient, exterior, switch-activated interior LED lighting
- 0.5" temperature probe and data logger access port

- Remote alarm contacts
- Six white epoxy-coated wire shelves standard
- Keyed door lock
- Easy swivel casters
- Energy Star Rated
- Shelves are adjustable by 1-inch increments
- Cabinet constructed of white powder-coated steel with CFC-free, high density insulation

- Static (cycle) defrost on refrigerators, manual defrost on freezer
- Environmentally green, EPA SNAP compliant refrigerant
- Built and shipped from ISO 9001:2015 manufacturing and distribution facilities
- 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. |
|--------------|------------------|---------------------------------|---------------------------------|------------------------|-------|---------|----------------|-------------------|
| K210GDR/SDR  | 10               | 22.5" x 23.6" x 60.2"           | 15" x 19.5" x 50.5"             | +2°C to +8°C (+4°C)    | 1     | 6       | STATIC (CYCLE) | 185/168 lbs       |
| K210SDF      | 10               | 22.5" x 23.6" x 60.2"           | 15" x 19.5" x 50.5"             | -10°C to -30°C (-20°C) | 1     | 6       | MANUAL         | 168 lbs           |

| Model #                                | K210GDR/SDR   | K210SDF   |
|--|---|---|
| Storage Volume                         | 10 cubic feet   | 10 cubic feet   |
| <b>Specifications</b>                  |   |   |
| Exterior (D x W x H)                   | 22.5" x 23.6" x 60.2"   | 22.5" x 23.6" x 60.2"   |
| Interior (D x W x H)                   | 15" x 19.5" x 50.5"   | 15" x 19.5" x 50.5"   |
| Insulation                             | CFC-free, high density insulation   | CFC-free, high density insulation   |
| Doors                                  | 1, right-hand swing   | 1, right-hand swing   |
| Shelves                                | 6   | 6   |
| Access Port                            | 0.5" probe port   | 0.5" probe port   |
| Leveling Legs                          | Standard  | Standard  |
| Shipping Weight                        | 185/168 lbs   | 168 lbs   |
| Certifications & Compliances           | cULus, ISO: 9001:2015, Energy Star, CDC and VFC Compliant, EPA and SNAP Compliant | cULus, ISO: 9001:2015, Energy Star, CDC and VFC Compliant, EPA and SNAP Compliant |
| <b>Performance</b>                     |   |   |
| Stability                              | +/- 2°C to 3°C  | +/- 2°C to 3°C  |
| Adjustable Set Point Range             | +2°C to +8°C  | -10°C to -30°C  |
| Factory Set Point                      | +4°C  | -20°C   |
| Electrical Power/Current               | 120v 60 Hz 15 Amp   | 120v 60 Hz 15 Amp   |
| 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  |
| <b>Refrigeration</b>                   |   |   |
| Refrigeration System                   | Vapor compression system, forced-air  | Vapor compression system  |
| Compressor                             | Hemetically sealed compressor   | Hemetically sealed compressor   |
| Condenser Type                         | Foamed in   | Foamed in   |
| Expansion Device                       | Capillary tube  | Capillary tube  |
| Evaporator Type                        | Forced air  | Cold wall evaporator  |
| Defrost                                | Static (cycle)  | Manual  |
| Refrigerant                            | R600a (Isobutane)   | R290 (Propane)  |
| <b>Controller/System Configuration</b> |   |   |
| 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   |
| Remote Alarm Terminals                 | Standard  | Standard  |
| High/Low Alarms                        | Standard  | Standard  |
| Power Failure Alarm                    | Standard  | Standard  |
| Door Ajar Alarm                        | Standard  | Standard  |
| Warranty                               | Two-year parts, labor, or full replacement  | Two-year parts, labor, or full replacement  |