

Delfield[®] SCIENTIFIC Scientific Line

Glass Door Dual Section Dual Temp Refrigerator/Freezer Reach-Ins

Project _____
Item _____
Quantity _____
CSI Section 11400
Approved _____
Date _____

Scientific Line: Glass Door Dual Section Dual Temp Refrigerator/Freezer Reach-Ins

Models

- LSDRL2-G Refrigerator left/freezer right stainless exterior and interior with glass full door
- LADRL2-G Refrigerator left/freezer right stainless exterior and aluminum interior with glass full door



LADRL2-G

Standard Features

- Ducted airflow left to right air movement
- Microprocessor control with RS485 port
- (2) Glycol filled product simulator bottles (one per door)
- Built in door locks with heavy duty strikes
- Full length quick grip metal door handle
- Pressure relief valve is standard to prevent door vapor lock
- Expansion valve refrigeration system provides quick recovery after door openings
- (2) L.E.D. digital temperature readout on easy-view front panel
- Eight (8) epoxy-coated wire shelves
- Temperature range of 1°C and 10°C (preset at 4°C) (Refrigerator) and -10°C to -28°C (preset at -18°C) (Freezer)
- Illuminated interior for clear visibility
- Stainless steel breaker strips
- High density foamed in place environmentally friendly, Kyoto Protocol Compliant, Non ODP (Ozone Depletion Potential), Non GWP (Global Warming Potential) polyurethane keeps energy costs low

- Energy savings door heater switch
- Four (4) heavy-duty 3" (4" ride height) casters; front casters with brakes and swivel, shipped loose
- Made in the USA
- Adaptive defrost
- +/- 2°C tight tolerance
- 7/8" access port

Options & Accessories

- Additional epoxy-coated wire shelf
- Stainless steel interior drawer(s)
- Temperature recorder
- Alarm/monitor system
- Recorder charts and pens
- Chart # 1120-061 (-17°C to 38°C)
- Chart # 1120-062 (0°C to -60°C)
- Ink pen set # 1120-025

Specifications

Exterior: LS and LA models shall have corrosion resistant stainless steel exterior cabinet sides, front and shroud.

Interior: Cabinet interior shall be corrosion resistant stainless steel (LS models) or heavy gauge aluminum (LA models). Bottom and top surfaces shall be die stamped to provide radius corners and recessed floor. Four silver freeze epoxy coated wire shelves are provided per section. Shelves rest on clips which are adjustable on 1" increments on stainless steel pilasters affixed to the cabinet interior. Pilasters are removable without tools for cleaning. A fluorescent light is mounted to the interior ceiling of each compartment, the switch is part of the light assembly. Door openings are protected with heavy gauge stainless steel breaker strips. An air duct shall be mounted to the ceiling assuring low velocity, even air movement throughout the cabinet interior.

Doors: Triple paned tempered thermopane glass. Each door has two edgemount, self-closing, cam lift style hinges. Door handle is continuous along vertical dimension of the door. Door gaskets are magnetic and mount to the door, snapping in place and removable with out tools. Keyed door lock is mounted to the door. Lock engages into a heavy duty strike mounted to the cabinet face.

Refrigeration system: Each compartment has its own separate refrigeration system. Condensing units are located

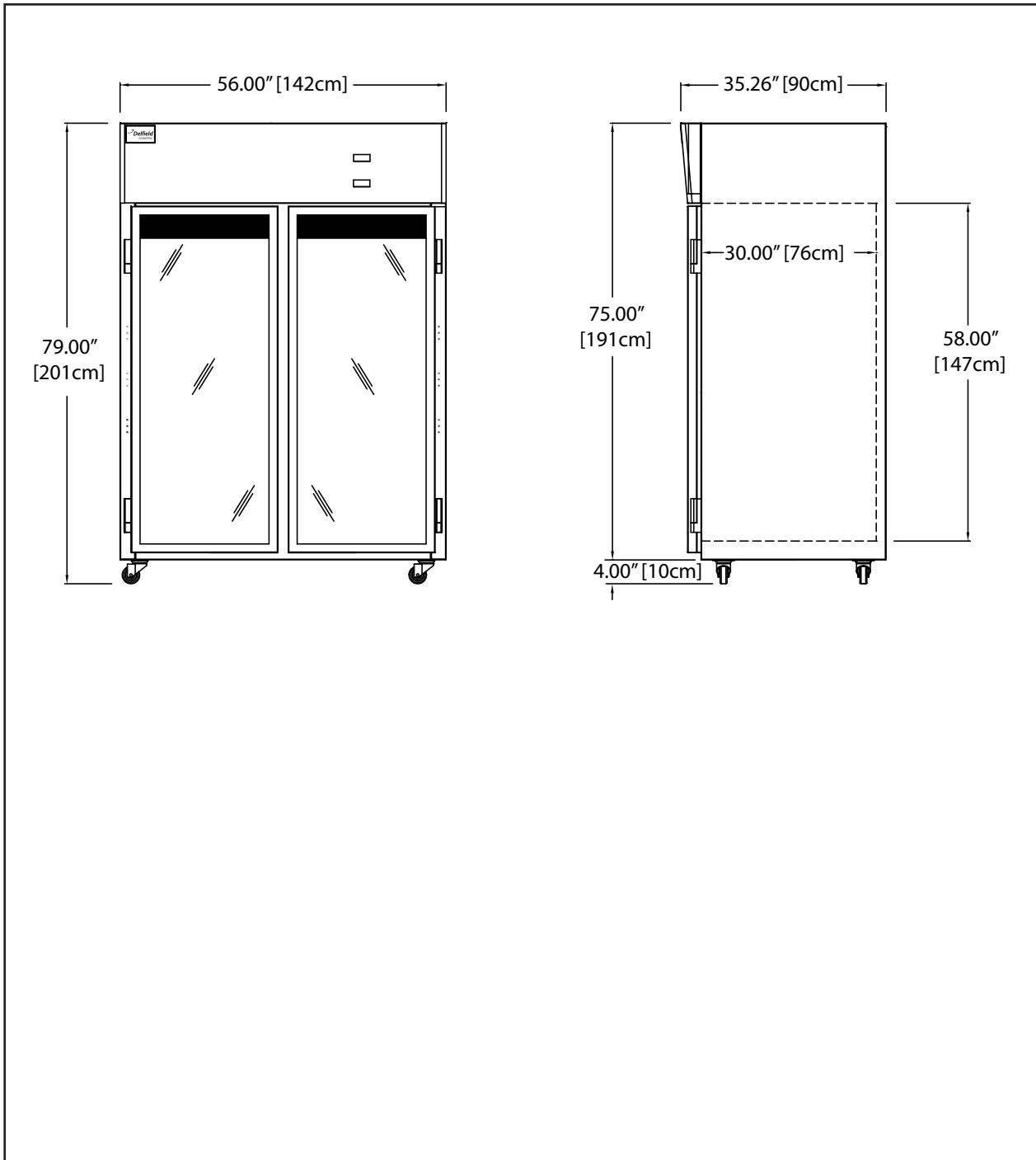
on top of the cabinet. Each compartment's temperature is individually monitored and controlled using Delfield's microprocessor electronic temperature control, which provides improved pull down times, reduces compressor cycling and longer compressor life with lower energy consumption. Control system uses **adaptive defrost** to assure evaporator coil is free of ice and is operating at optimum efficiency. Evaporator condensate is eliminated using an energy efficient hot gas system. Two exterior digital thermometers display temperature. Refrigerator compartment maintains between 1°C and 10°C (preset at 4°C). Freezer compartment maintains temperature between -10°C to -28°C (preset at -18°C).

Electrical: Unit comes with one 10' cord and plug with single point connection to all cabinet and refrigeration system electronics. It is attached to a junction box mounted on the exterior top of the cabinet.

NOTE: This equipment is designed for use in locations with heat and air conditioning, where temperature and relative humidity at 21°C and 50% relative humidity.

Warranty included is a 2 year parts and labor warranty with an additional 3 years parts warranty on the compressor (5 total years parts on the compressor).





Specifications

| Models | V-Hz-Ph | Amps | Min. Circuit Amp | NEMA Plug | Ship Weight | Section | # of Shelves | Shelf Ft ² | Interior Ft ³ | H.P. | BTU/Hr |
|----------|-----------|------|------------------|-----------|-----------------|--------------|--------------|-----------------------|--------------------------|------|--------|
| LSDRL2-G | 115/208- | 8.0 | 15 | 14-20P | 730lbs 331kg | Refrigerator | 4 | 17.08 | 24.96 | 1/4 | 2092 |
| LADRL2-G | 230-60-1* | | | | | Freezer | | | | | |

* Lights operate at 115V, compressor system is 208-230 dual voltage

Delfield reserves the right to make changes to the design or specifications without prior notice.