

Scientific Line

Front-Breathing Self-Contained Flat Top Refrigerated Bases

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

Scientific Line: Front-Breathing Self-Contained Flat Top Refrigerated Bases

Models

- L4427N Single section refrigerator with solid door
- L4427N-G Single section refrigerator with glass door



L4427N

Standard Features

- Microprocessor control
- Glycol filled product simulator bottle
- 100% front breathing, which allows the unit to be pushed against a wall or built into a cabinet or an existing line up
- Durable, rugged stainless steel sides, top and front
- Door lock on solid door models only
- Features Delfield's exclusive gray ABS interior (on sides). ABS is extremely durable - it won't dent, chip or corrode and is backed by a limited lifetime warranty
- Heavy duty self-closing hinges
- Environmentally friendly R404A refrigerant
- 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
- Black recessed quick grip handle
- Standard on 5" casters for easy cleaning and installation
- Solar digital exterior thermometer mounted

- in solid door models only
- 6' cord and plug supplied
 - One epoxy coated wire shelf standard, installed per door section

Options & Accessories

- Stainless steel finish on back
- Additional wire shelves
- 3" casters, 3.75" ride height
- Interior lights*

* Inclusion of this option will alter electrical specifications of the unit

Specifications

Exterior top is one-piece, 22-gauge stainless steel with integral 2.12" (5.4cm) square nosing on the front.

Exterior back and bottom are two-piece 24-gauge galvanized steel. Exterior ends are stainless steel.

Interior sides are thermoformed ABS plastic with shelves supported on plugs. Interior back is one-piece 22-gauge stainless steel. Interior bottoms are thermofoamed ABS plastic. Base is fully insulated with high-density foamed in place environmentally friendly, Kyoto Protocol Compliant, Non ODP (Ozone Depletion Potential), Non GWP (Global Warming Potential) polyurethane.

Refrigeration system uses HFC-404A refrigerant. Compressor is 1/5 H.P., with condenser coil and hot gas condensate evaporator mounted on rear of the cabinet. Evaporator coil is located on the interior rear wall of the cabinet. Refrigerant flow is controlled by a capillary tube. Cabinet maintains an interior cabinet temperature of 36°F to 40°F (2°C to 4°C).

Microprocessor control, mounted at the rear of the cabinet, allows the unit to maintain precise temperatures in heavy duty conditions.

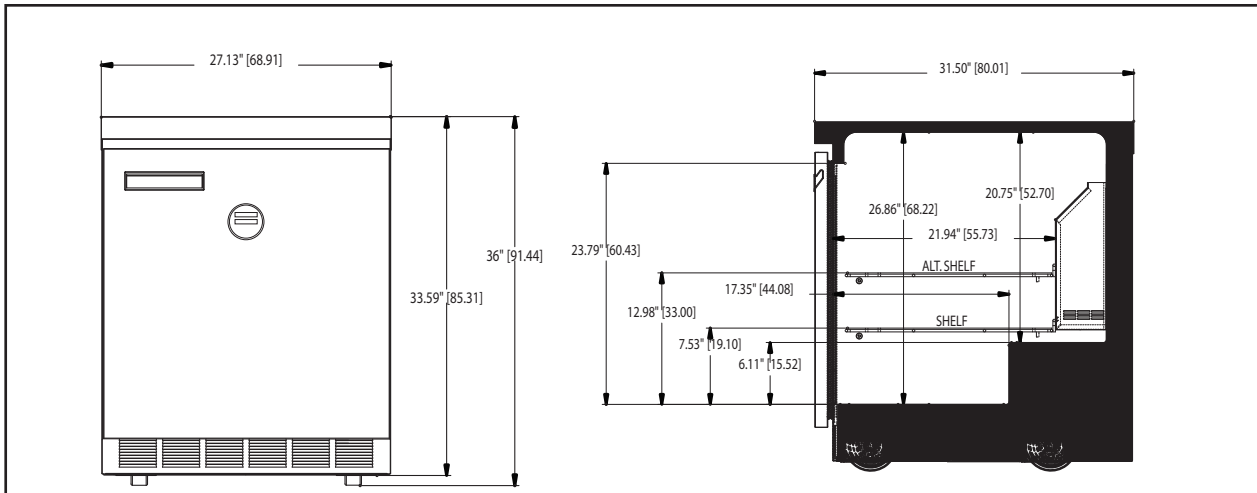
Electrical connection is 115 volt, 60 Hertz, single phase. Unit has a 6' (1.8m) long electrical cord and NEMA 5-15P plug.

Casters: Equipment is mounted on 5" (13cm) diameter plate casters with front two locking. Equipment clearance above the floor is 2.5" (6cm).

Solid Door has a 24-gauge stainless steel exterior, with thermoformed ABS plastic interior liner.

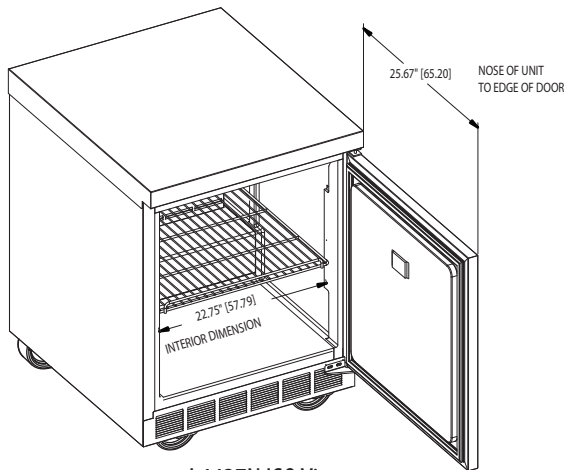
Warranty included is a 2 year parts and labor warranty with an additional 3 years parts warranty on the compressor (5 total years parts on the compressor).





L4427N Elevation View

L4427N Right Side View



L4427N ISO View

INSTALLATION NOTE:

Refrigeration system is designed so that air will flow under the unit, through the compressor area and out the front of the unit. Any restriction to this air flow path will void the warranties.

PLEASE NOTE:

Air flow through the louver on the back of the unit is not necessary for operation, however, any air which passes through the louver is beneficial.

Specifications

Model	# Of Shelves	Shelf Area sq.ft.	Volume cu.ft.	H.P.	V/Hz/Ph	Amps	Nema Plug	Ship Weight	Energy KWH/Day
L4427N	1	3.17	8.20	1/5	115/60/1	3.9	5-15P	223lbs/101kg	1.99
L4427N-G	1	3.17	8.20	1/5	115/60/1	3.9	5-15P	223lbs/101kg	N/A

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