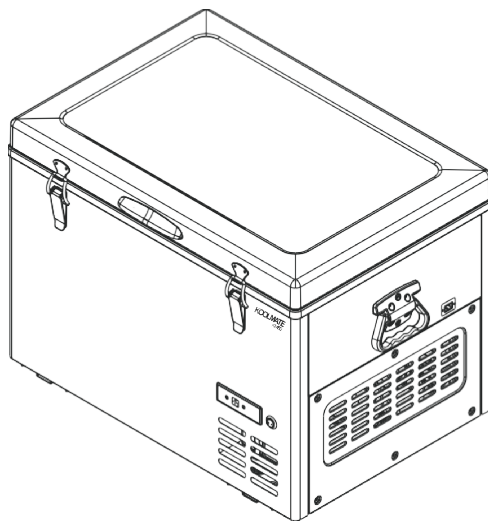


# accucold

## PORTABLE REFRIGERATOR/FREEZER



**Models:  
SPRF56 and SPRF86**

### ***User Manual***

**BEFORE USE, PLEASE READ AND FOLLOW  
ALL SAFETY RULES AND OPERATING INSTRUCTIONS**

Write Model and Serial Numbers here:

Model \_\_\_\_\_

Serial No. \_\_\_\_\_

**FELIX STORCH, INC.  
ISO 9001:2015 registered  
770 Garrison Avenue  
Bronx, NY10474**

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# APPLIANCE SAFETY

Your safety and the safety of others is very important.

We have provided many important safety messages in this manual. Always read and obey all safety messages. Serious injury or even death can result from not following these instructions. All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.



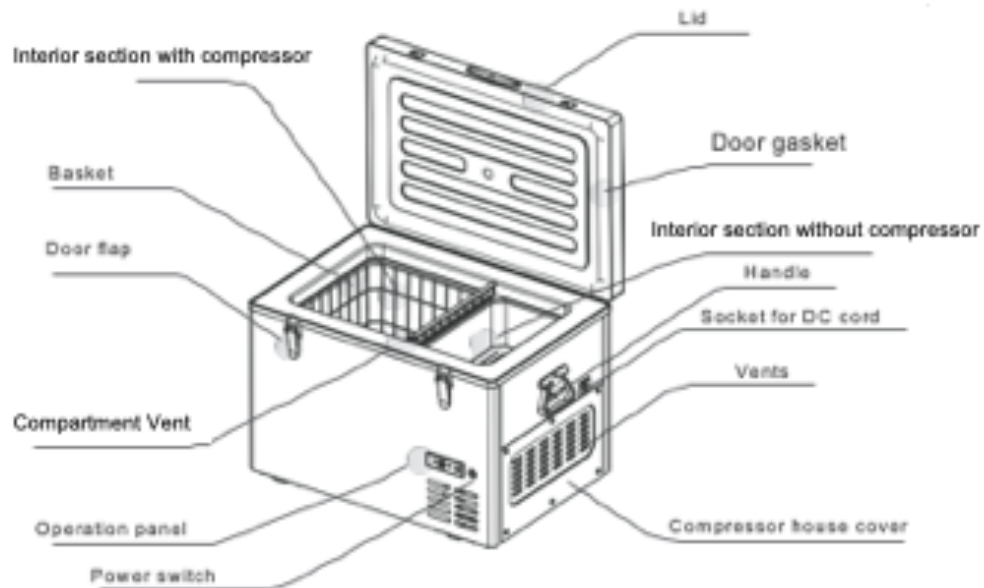
- Keep the cooler upright while it is turned on and in use.
- Never switch the cooler on with wet hands or when your feet are in contact with water.
- If connected to a DC power source (for example, a data port socket) in a vehicle, do not attempt to turn the cooler on when your vehicle engine is not turned on.
- Always be sure the correct voltage and current are applied to the cooler. The voltage and current are clearly marked on the manufacturer's label, which can be found on the side of the cooler.
- Be sure the power source can safely supply the required current when you use the AC/DC adapter.
- Do not carry corrosives or solvent material in the cooler.
- Never obstruct vents as they supply necessary airflow to motors and fans.
- Do not fill cooler with liquid or ice.

## TECHNICAL INFORMATION

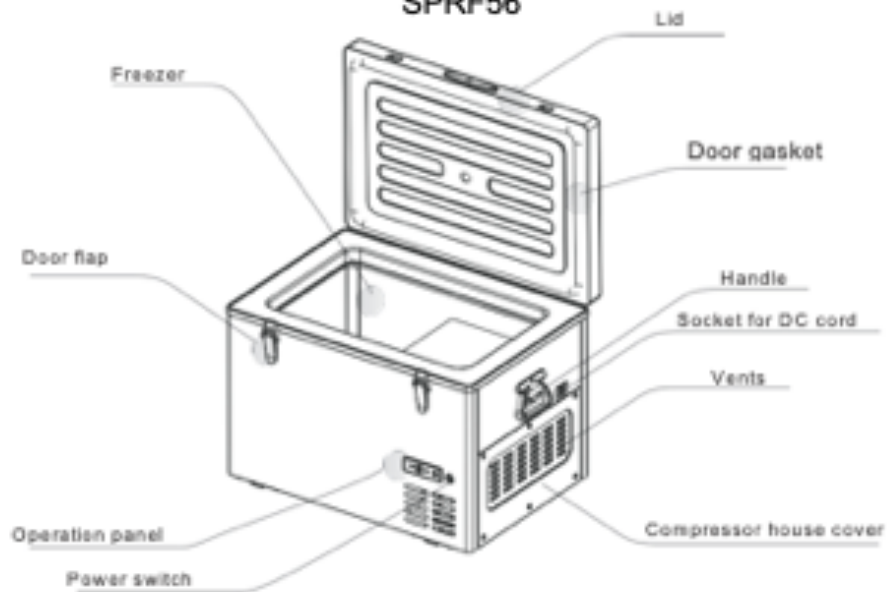
| Model Number             | SPRF56                            | SPRF86                           |
|--------------------------|-----------------------------------|----------------------------------|
| Capacity                 | 55 liters (1.94 ft <sup>3</sup> ) | 80 liters (2.8 ft <sup>3</sup> ) |
| Rated Voltage            | 12V/24V DC                        |                                  |
| Total Input Power        | 50W                               | 55W                              |
| Refrigerant              | R134a                             |                                  |
| Product Dimensions (in.) | 27.1W x 19.3D x 21H               | 27.1W x 19.3D x 22.4H            |
| Pack Dimensions (in.)    | 29.3W x 21.5D x 24.8H             | 29.3W x 21.5D x 26.3H            |
| Net Weight (lb.)         | 55.1-61.7                         | 59.5-66.1                        |

**NOTE:** Specifications are subject to change without notice.

# LOCATION OF PARTS



SPRF56



SPRF86

# BEFORE YOUR FIRST USE

Check to ensure all of the following items have been included in the carton box along with this manual:

- 1 Portable Refrigerator/Freezer, model number SPRF56 or SPRF86
- 1 12V Power Cord
- 1 110V AC/DC Power Adapter

## Cleaning Before First Use

After you remove the cooler from its packaging, clean the inside before using. See the cleaning instruction in the *Cleaning* section of this manual.

# INSTALLATION

1. Place the cooler on a dry surface where it will be protected from water or moisture.
2. The cooler should not be used where it may be exposed to rain.
3. The cooler should be installed in a position that allows for adequate ventilation.
4. Never locate the unit anywhere the ambient temperature is below 0°C (32°F) or above 32°C (90°F).

## Electrical Connection

This cooler can be operated from either a DC or an AC power source. Both require the use of the 12V power cord supplied with the unit. With an AC source, the included AC/DC adapter must be plugged into the end of the 12V power cord, then connected to the AC power source, such as a wall socket.

### DC Source

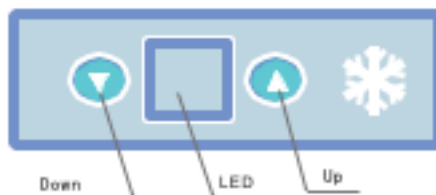
The cooler can be operated between 10.3V and 17.5V DC or 22V and 31V DC. Check that the battery voltage falls within these ranges before connecting the unit. If the voltage is out of range, the unit will not operate. Excessive voltage could damage the electrical components of the cooler.

### AC Source

Be sure to use the AC/DC adapter when your power source is AC, otherwise the cooler could be damaged.

# SETTING THE TEMPERATURE

The cooler can be operated with 12V/24V DC power. Prior to connection, check whether the voltage indicated on the manufacturer's label is in accordance with the battery voltage. Connect your cooler to the data port socket of your vehicle with the 12V/ 24V DC cord.

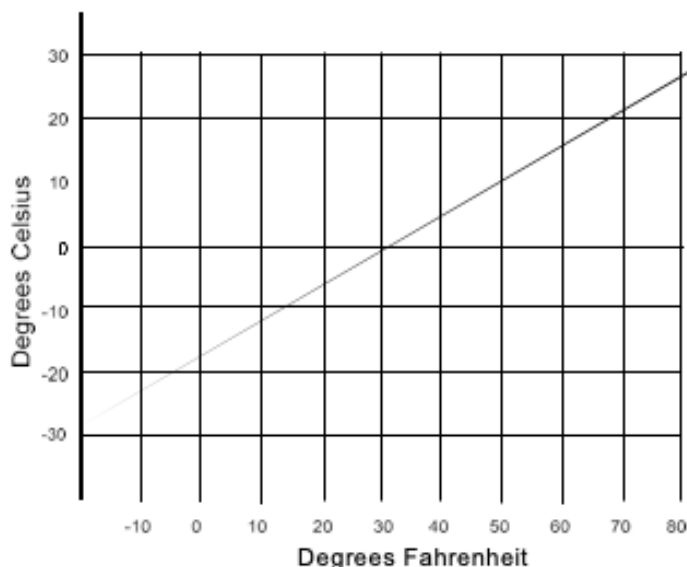


1. Plug the 12V power cord into the cord socket on the side of the unit (see diagrams on page 4).
  2. If using a DC power source, such as the data port of a vehicle, plug the other end of the cord into the power source.
  3. If using an AC power source, connect the AC/DC adapter to the of the power cord, then plug the adapter into a wall socket or other AC power source.
  4. Press the power switch to turn on the cooler. You will hear the sound of the compressor starting.
  5. Press the **UP** button or the **DOWN** button to adjust the temperature. Pressing either button with adjust the temperature by 1°C.
  6. The temperature of the units can be set from -19°C (-2.2°F) to 10°C (50°F).
- The cooler is an advanced fridge, combining the latest compressor and computerized digital control system technology. The high efficiency of the compressor will freeze to -18°C (-0.4°F) in an ambient temperature of 30°C (86°F). (The computerized digital control system display a direct readout of the actual inbox temperature).

**NOTE:** The compressor will shut off if the internal temperature of the unit is 1°C or more below the set temperature. When the inbox temperature is higher than the set-temperature by 2°C, the compressor will turn on again, after an interval of about two minutes.

## Celsius Temperature Readout

You'll notice that the temperature readout on the LED display of your cooler is in Celsius degrees rather than Fahrenheit. You can use the graph below to quickly convert one temperature scale into the other. For example, to change 32°F into °C find 32 on the horizontal Fahrenheit scale, trace up to the inclined line, then move left to the vertical axis. That reading, 0, is the Celsius equivalent of 32°F. Reverse the procedure to change Celsius to Fahrenheit.



## ENERGY-SAVING TIPS

- Place the cooler in a cool, dry place away from direct sunlight.
- Always cool items before storing them in the cooler.
- Do not set the temperature colder than you require.
- Do not open the cooler more than necessary.
- Do not leave the lid open longer than necessary.

## STORAGE

When storing your cooler, we recommend that you leave the lid open slightly. This will help keep mold from forming and prevent stale odors. It is a good idea to follow the cleaning procedure (below) before storing your cooler.

## CLEANING

- Clean your unit with a soft cloth moistened with lukewarm water.
- Avoid getting water droplets in the vents, as this may lead to damage to the electronic components.
- Use a soft, dry cloth to completely dry the cooler completely after cleaning.
- Clean the unit after use and before storage.

**NOTE:** Never use solvents or abrasive cleaners, as this will damage the cooler. Do not use scouring agents or scrapers when cleaning your cooler.

# TROUBLESHOOTING

Before calling for assistance or service, please check this Troubleshooting section. It may save you the cost of a service call. If you still need help, follow the instructions below.

| Problem                                                 | Cause                                               | Solution                                                                                                             |
|---------------------------------------------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| The unit is not cooling.                                | Loose contact between the plug and the unit socket. | Connect the plug firmly into the unit socket and data port.                                                          |
|                                                         | The power voltage is out of range.                  | Check if the unit is plugged into power supply of 12V or 24V.                                                        |
|                                                         | The temperature sensor is malfunctioning.           | Contact a local repair center to replace the temperature sensor.                                                     |
| The cooling efficiency is bad.                          | The fan motor does not work.                        | Contact a local repair center to replace the fan motor.                                                              |
|                                                         | The unit is exposed to direct sunlight.             | Place the unit in a shady, cool place with good airflow.                                                             |
|                                                         | The ventilator or propeller is blocked.             | Clean the ventilator and the propeller, and make sure the unit has good ventilation.                                 |
| There is a strange noise or vibration during operation. | The unit is malfunctioning.                         | To prevent breakdown, turn the unit off immediately and unplug it from the data port. Contact a local repair center. |
| There is a burning smell or the case is deformed.       | The unit is malfunctioning.                         | To prevent breakdown, turn the unit off immediately and unplug it from the data port. Contact a local repair center. |
| LED displays "E1" and the unit is not running.          | Not enough power is being supplied to the unit.     | Check unit whether it's plugged into the power supply of 12V or 24V, ensure that battery charge is not too low.      |
| LED displays "E2" and the unit is not running.          | The voltage being supplied to the unit is too high. | Check unit whether it's plugged into the power supply of 12V or 24V, ensure that input voltage is not too high.      |
| LED displays "E3" and the unit is not running.          | The temperature sensor is disconnected or faulty.   | Check temperature sensor's plug, or replace the sensor.                                                              |

If your appliance shows other symptoms than those described above, or if you have checked all items listed as the cause and the problem still exists, then call Accucold® Customer Service at **1-888-4-MEDLAB**.



# NOTES

# LIMITED WARRANTY

## ONE YEAR LIMITED WARRANTY

Within the 48 contiguous United States, for one year from the date of purchase, when this appliance is operated and maintained according to instructions attached to or furnished with the product, warrantor will pay for factory specified parts and repair labor to correct defects in materials or workmanship. Service must be provided by a designated service company. Outside the 48 states, all parts are warranted for one year from manufacturing dates. Plastic parts, shelves, and cabinets are warranted to be manufactured to commercially acceptable standards and are not covered from damage during handling or breakage.

## 5 YEAR COMPRESSOR WARRANTY

1. The compressor is covered for five years.
2. Replacement does not include labor.

### *ITEMS WARRANTOR WILL NOT PAY FOR:*

1. Service calls to correct the installation of your appliance, to instruct you how to use your appliance, to replace or repair fuses or correct wiring or plumbing.
2. Service calls to repair or replace appliance light bulbs or broken shelves. Consumable parts (such as filters) are excluded from warranty coverage.
3. Damage resulting from accident, alteration, misuse, abuse, fire, flood, acts of God, improper installation, installation not in accordance with electrical or plumbing codes, or use of products not approved by warrantor.
4. Replacement parts or repair labor costs for units operated outside the United States.
5. Repairs to parts or systems resulting from unauthorized modifications made to the appliance.
6. Expenses for travel and transportation for product service in remote locations.
7. The removal and reinstallation of your appliance if it is installed in an inaccessible location or is not installed in accordance with published installation instructions.

## DISCLAIMER OF IMPLIED WARRANTIES; LIMITATION OF REMEDIES

CUSTOMERS SOLE AND EXCLUSIVE REMEDY UNDER THIS LIMITED WARRANTY SHALL BE PRODUCT REPAIR AS PROVIDED HEREIN, IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO ONE YEAR. WARRANTOR SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, OR LIMITATIONS TO THE DURATION OF IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS, SO THESE EXCLUSIONS OR LIMITATIONS MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE.



**WARNING:** This product can expose you to chemicals including Nickel (Metallic) which is known to the State of California to cause cancer.

For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Note: Nickel is a component in all stainless steel and some other metallic compositions.

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**accucold**

For parts and accessory ordering,  
troubleshooting, and helpful hints, visit:  
[www.accucold.com/support](http://www.accucold.com/support)