Introduction

Thank you for your purchase of the RCS-9020 electronic refrigerant programmable charging scale .The RCS-9020 utilize the most technologically advanced and precise refrigerant meter available today with features that can not be found anywhere else. It is ideal for HVAC and refrigeration service, including Critical Charging of small refrigeration systems. With the RCS-9020 you can measure weight in both metric and English units.

The RCS-9020 is programmable, and has a built-in alarm to indicate a programmed threshold has been exceeded .

Features

- High-visibility LCD display
- Measures weight in kgs and lbs
- Built-in memory remembers all previous settings
- Rugged, compact design
- Long battery life
- High accuracy and resolution
- Programmable
- Can be calibrated in the field with inexpensive reference weight
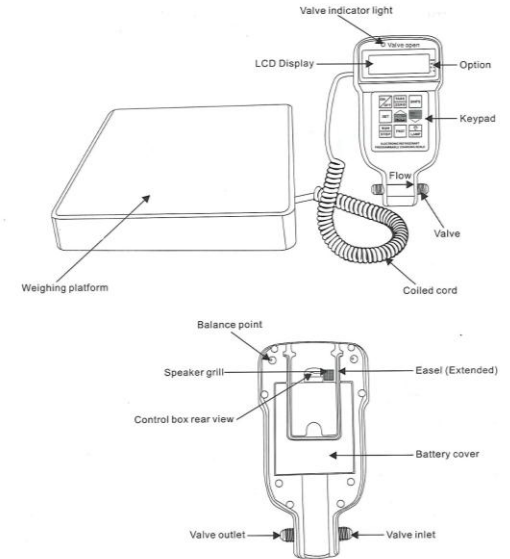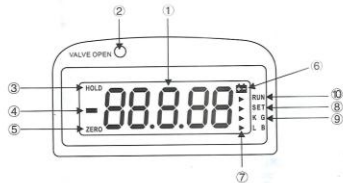
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Specifications

Capacity	100 kilograms (220 pounds)
Accuracy	0.5% of reading +/- 1 least significant digit
Resolution	5g 0.010lbs
Power	5x 1.5 V 'AA' alkaline batteries (7.5VDC)
Batter life	60 hours continuous use
Operation temperature	10℃-50℃(50F-122F)
Weight	2.74 kg(6.03 lbs).
Dimensions	23.2cm X 23.2cm X5.8CM

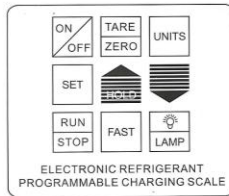**NOTE:** To prevent damage, never exceed the rated capacity of the RCS-9020.

Parts Diagram

LCD Display

Item	Function
①	Main Nomeric Display
②	Valve Indicator light (ON/OFF)
③	Hold Mode Indicator
④	"Floating" Negative Indicator (Indicates weight removed from platform)
⑤	Display "TARE/ZERO"
⑥	Battery Level Indicator
⑦	Indicate units for LBS
⑧	Set Mode indicator
⑨	Indicate units for KGS
⑩	Run mode indicator

Keypad

ELECTRONIC REFRIGERANT
PROGRAMMABLE CHARGING SCALE

[ON/OFF] Press to power on. Press to power off

[TARE/ZERO] Press to "TARE/ZERO" current reading on display

[UNITS] Shift metric/imperial measurements

[SET] Press "SET" to start program amount

[▲ HOLD] Press to increase setting charging amount or pause when charging

[▼] Press to reduce setting charging amount

[FAST] Press to shift FAST/SLOW setting amount. Use '5g' setting when you need to increase/reduce within 1kg. Use '100g' setting when you need to increase/reduce beyond 1kg.

[RUN/STOP] Activates/Deactivates stored program. Check if electromagnetic valve work naturally.

[LAMP] LCD background lamp.

Basic Weighing Operation

To operate the RCS-9020 as a basic weight scale, perform the following steps:

1. Unpack the scale as described in the "unpacking the RCS-9020" section below.

2. Install the batteries into the control box as described in the "battery installation" section below.

3. Place the weighing platform on a firm, level surface.

4. Turn the RCS-9020 on by pressing [ON/OFF]

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5. Select the proper measurement units by repeated pressing [UNITS] . The units will cycle as follows: kilograms pounds

6. If using a container to hold the objects being measured, place it empty on the center of the platform.

7. Press [TARE/ZERO] to "zero-out" the scale. The display will read zero.

8. Place the material to measure in the container or on the center of the platform.

9. Read the weight on the display.

10. A positive number indicates the applied weight is greater than the zero value. A negative number indicates the applied weight is less than the zero value.

12. Turn the RCS-9020 off by pressing and holding [ON/OFF] down until the scale turns off.