

INSTRUCTION MANUAL

98310 Wireless Refrigerant Charging Scale without Solenoid

98315 Wireless Refrigerant Charging Scale with Solenoid

A. Notice: The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

B. IMPORTANT NOTE: To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user's authority to operate the device.

C. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

KEY FUNCTIONS:

	Turns unit ON or OFF
SYNC:	To synchronize
UNITS/SHIFT:	UNITS - Select readout in lb, oz or kg
	SHIFT - Move from one digit to the next, to edit display, to set up tank capacity
	To increase value
	To decrease value
CHARGE/PAUSE:	CHARGE - To start CHARGE/RECOVERY mode
	PAUSE - To pause and resume in CHARGE/RECOVERY mode
TARE/ENTER:	TARE - Zeros out display in BASIC CHARGING
	ENTER - To start operation or input data
REPEAT:	To repeat the last action
CLEAR:	Use to clear the display during PROGRAM CHARGE ONLY. (Do not use clear for any other function!)

CHECKLIST (Prior to 1st use)

Install battery in both platform and monitor. Place the platform on a flat surface and press the ON/OFF button on the platform and monitor to turn unit on. Proceed to BASIC or PROGRAM CHARGING.

* If the digital readout displays a small weight (\pm .5 ounce or \pm 20 grams) press and hold the TARE/ENTER button for approximately 30 seconds until you hear a DOUBLE DEEP. The scale will automatically zero out. Proceed to BASIC or PROGRAM CHARGING.

SYNCHRONIZATION

When "No Signal" is displayed, it indicates synchronization is disabled or channel is wrong.

Synchronize monitor with platform by following the procedure below:

1. Press SYNC button on platform, power LED and SYNC LED will blink.
2. Press SYNC button on monitor, display will show "SYNC."
3. If synchronization is successful, display will show "good" and the power LED and SYNC LED on the platform will stop blinking.
4. Resume BASIC CHARGING.

BASIC CHARGING

1. Place platform on level surface.
2. Place DOT tank in center of platform and connect to liquid port. (Place disposable tank upside down.)
3. Make sure the charging lines and the system are free of air using deep vacuum pump. (Follow vacuum instructions.)
4. Press ON/OFF button on monitor and platform to turn unit on.
5. Press TARE/ENTER button - display will read zero. (If the scale has not been used for a while press and hold TARE/ENTER button to reset scale.)
6. Open the valve to begin charging.
7. When the desired amount is reached, close the valve.
8. Press the ON/OFF button on the monitor and platform to turn unit off.

PROGRAM CHARGING

1. Repeat steps (1 through 4) in BASIC CHARGING.
2. Press CHARGE/PAUSE button.
3. Set amount of refrigerant you want to charge by using CLEAR, \uparrow , \downarrow and SHIFT buttons.
4. Press ENTER to start.
5. Open the valve on the tank to begin charging. Just before charging is complete, a short alarm will sound, allowing time to turn off supply.
6. When charging is completed, scale will sound an alarm again and display "CH-End." Press any button (except the ON/OFF button) to stop alarm. (If the tank is empty and the charge is not complete, "E-Pty" will display. Replace the tank and press CHARGE/PAUSE button to resume charging.)
7. When the desired amount is reached, close the valve and press the ON/OFF button on the monitor and platform to turn unit off.

The unit is preprogrammed for minimum and maximum cylinder weight 0 oz / 243 lbs (0 kg / 110 kgs.) To change cylinder weight setting refer to INSTRUCTIONS FOR SETTING TANK CAPACITIES.

REPEAT CHARGING

1. Press REPEAT to start charging the previously stored amount.
2. Open the valve.
3. When desired amount is reached, close the valve and press the ON/OFF button on the monitor and platform to turn the unit off. (If the scale was turned off, follow steps (1 through 4) of BASIC CHARGING, then follow the REPEAT CHARGING steps.)

RECOVERY

1. Repeat steps (1 through 6) in BASIC CHARGING.

2. Begin recovery.
3. When the weight is idle for more than 4 minutes, the recovery is completed, scale will sound an alarm and display will show "donE."

INSTRUCTIONS FOR SETTING TANK CAPACITY

1. Turn on the unit.
2. Select desired units using UNITS/SHIFT.
3. Press and hold down the UNITS/SHIFT again until the last digit in display "blinks."
4. Use CLEAR, \uparrow , \downarrow and shift buttons to input the empty tank weight.
5. Press ENTER to save the empty tank weight. The display will read "GOOD" to confirm.
6. Use CLEAR, \uparrow , \downarrow and shift to input full tank weight.
7. Press ENTER to save the full tank weight. The display will read "GOOD" to confirm.
8. Press ON/OFF button on the monitor and platform to turn unit off.

CALIBRATION PROCEDURE

1. Turn on platform.
2. Turn on monitor. Press \uparrow and \downarrow together. Display will then show "SEt-1."
3. Press TARE/ENTER. Display will show "SEt-11" for kg calibration (for lb calibration press \uparrow and "SEt-12" will display.) Press TARE/ENTER to confirm.
4. A "----" 5 digit number will be displayed, press \downarrow .
5. Place calibration weight on scale.
6. Press \uparrow . Press TARE/ENTER. Number displayed must match calibration weight. If a digit needs to be changed, press UNITS/SHIFT to activate digit (digit will blink.) Press the \uparrow or \downarrow to change the number. Repeat until all digits are changed.
7. When the number displayed agrees with the weight on the scale press TARE/ENTER.
Calibration is complete. Monitor will restart automatically.

SPECIFICATIONS:

- Capacity: 243 lbs (110 kg)
- Accuracy: [± 0.01 lb / ± 0.005 kg] or 0.1% of reading whichever is greater.
- Resolution: 0.02 lb / 0.01 kg
- Automatic Shut-Off: After 3 hours
- Operating Temperature: 32°F to 120°F (0°C to 49°C)
- Battery Life: Monitor - approximately 20 hours; platform - approximately 30 hours

REPLACING THE BATTERY:

Replace 9V battery in monitor or AA batteries in platform when low-battery symbols prompt on LCD. DO NOT OPERATE WITH A LOW BATTERY.