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> Yellow Jacket 69075 SuperEvac LCD Vacuum Gauge Full Range Complete in Case User Manual

Yellow Jacket 69075

Yellow Jacket 69075 SuperEvac LCD Vacuum Gauge User Manual

Model: 69075 | Brand: Yellow Jacket

INTRODUCTION

The Yellow Jacket 69075 SuperEvac LCD Vacuum Gauge is engineered to provide highly accurate and repeatable vacuum readings, surpassing the capabilities of traditional thermistor sensors and analog meters. Its advanced thermocouple sensor technology ensures reliable performance for critical vacuum applications.



The Yellow Jacket 69075 SuperEvac LCD Vacuum Gauge comes in a robust, portable blue carrying case, designed for protection and easy transport.

WHAT'S IN THE BOX

Your Yellow Jacket 69075 SuperEvac LCD Vacuum Gauge package should contain the following items:

- SUPEREVAC LCD VACUUM GAUGE (Main Unit)
- Thermocouple Sensor
- Connecting Cable
- 9V Battery
- Durable Carrying Case



Upon opening the case, the SuperEvac LCD Vacuum Gauge, its sensor, connecting cable, and a 9V battery are visible. The inside of the lid features a quick-reference guide for setup and operation.

SETUP INSTRUCTIONS

Follow these steps to properly set up your SuperEvac LCD Vacuum Gauge for operation:

1. **Attach the coupler to the sensor assembly.** This allows you to use the convenient method of attaching to the system without adding a second source of additional leaks.
2. **Plug the sensor into the sensor cable.**
3. **Attach the other end of the sensor and cable to a dry part of the system.** The sensor will not work if it is wet with oil or moisture.
4. **Always keep the sensor upright to help prevent contamination from affecting the readings.**
5. **If any humidity enters the coupler, the oil must be removed from the coupler before using the gauge.**
6. **Install the 9V battery and the LCD illuminates immediately.** If the letters 'LO BAT' appear on the display, the battery is not strong enough for use and must be replaced.
7. After an automatic battery condition check, the reading '0000' will appear on the display. Begin the evacuation.

OPERATING INSTRUCTIONS

For best evacuation and gauge performance, consider the following tips:

1. **When pulling a vacuum, take the following steps:**
2. **Always pull on the YELLOW JACKET pump built-in gauge steps in the system.** This helps prevent

contamination and leaks in the system. (Moisture contamination, oil contamination, and leaks are low.)

3. **When there is excessive moisture, clean the AC/R system with dry nitrogen or a vacuum pump.**This removes moisture and contaminants that might be present in the pump, which could affect the vacuum level.
4. **When the button indicator gauge is on, the time is on the gauge.**This is the time to turn on the LCD vacuum gauge.
5. **It is advised to attach a YELLOW JACKET ball valve directly to the sensor.**Keep the ball valve closed when not in use. This isolates the sensor from the system and helps prevent damage to the sensor.

MAINTENANCE

Proper maintenance ensures the longevity and accuracy of your SuperEvac LCD Vacuum Gauge.

Sensor Cleaning

The sensor should be kept clean and free of oil or moisture. If contamination occurs, carefully clean the sensor according to manufacturer guidelines. Avoid using harsh chemicals that could damage the sensor components.

Battery Replacement

When the 'LO BAT' indicator appears on the display, replace the 9V battery immediately to ensure accurate readings and continuous operation. Always use a fresh, high-quality 9V alkaline battery.

Storage

Store the gauge and its components in the provided carrying case in a dry, clean environment when not in use. Protect the sensor from physical damage and extreme temperatures.

TROUBLESHOOTING

If you encounter issues with your SuperEvac LCD Vacuum Gauge, refer to the table below for common problems and their solutions.

Problem	Possible Cause	Solution
Gauge reads 'LO BAT'	Low battery power	Replace the 9V battery.
Inaccurate or fluctuating readings	Sensor contamination (oil/moisture)	Clean the sensor thoroughly. Ensure the system is dry.
Gauge does not power on	Battery not installed correctly or completely dead	Check battery orientation and replace if necessary.
Reading stuck at high pressure (e.g., atmosphere)	Leak in the system or sensor connection	Check all connections for leaks. Ensure sensor is properly attached.

SPECIFICATIONS

Feature	Detail
Product Dimensions	13 x 13 x 5 inches
Item Weight	2.78 pounds

Feature	Detail
Manufacturer	RITCHIE
Item Model Number	69075
Date First Available	February 22, 2008
Sensor Type	Thermocouple
Display	LCD
Power Source	9V Battery

WARRANTY AND SUPPORT

For information regarding the product warranty, please refer to the documentation included with your purchase or contact Yellow Jacket customer support directly. Support contact details can typically be found on the manufacturer's official website or within the product packaging.