



Manuals.plus /

› Weewooday /

› Weewooday QI-Weewooday-185 Pool Filter Pressure Gauge Kit User Manual

Weewooday QI-Weewooday-185

Weewooday QI-Weewooday-185 Pool Filter Pressure Gauge Kit User Manual

Model: QI-Weewooday-185

1. INTRODUCTION

This user manual provides comprehensive instructions for the installation, operation, and maintenance of the Weewooday QI-Weewooday-185 Pool Filter Pressure Gauge Kit. Please read this manual thoroughly before use to ensure proper function and longevity of the product.

2. PACKAGE CONTENTS

The Weewooday QI-Weewooday-185 Pool Filter Pressure Gauge Kit includes the following items:

- 2 x 0-60 Psi Pool Filter Gauges (1/4" NPT Bottom Mount)
- 2 x 1/8 inch NPT to 1/4 inch NPT Male Brass Thread Adaptors
- 2 x Setable Cases



Figure 1: Contents of the Weewooday Pool Filter Pressure Gauge Kit. Includes two gauges, two brass thread adaptors, and two setable cases.

3. SPECIFICATIONS

Feature	Detail
Pressure Range	0-60 psi / bar (dual scale)
Gauge Diameter	Approx. 2 inches (5 cm)
Connection Type	1/4" NPT Bottom Mount
Accuracy	+/-2.5%
Material	Alloy and Brass (gauge), Brass (adaptor)
Thread Adaptor	1/8 inch NPT to 1/4 inch NPT male brass thread adaptor
Model Number	QI-Weewooday-185

Pressure Gauge Size

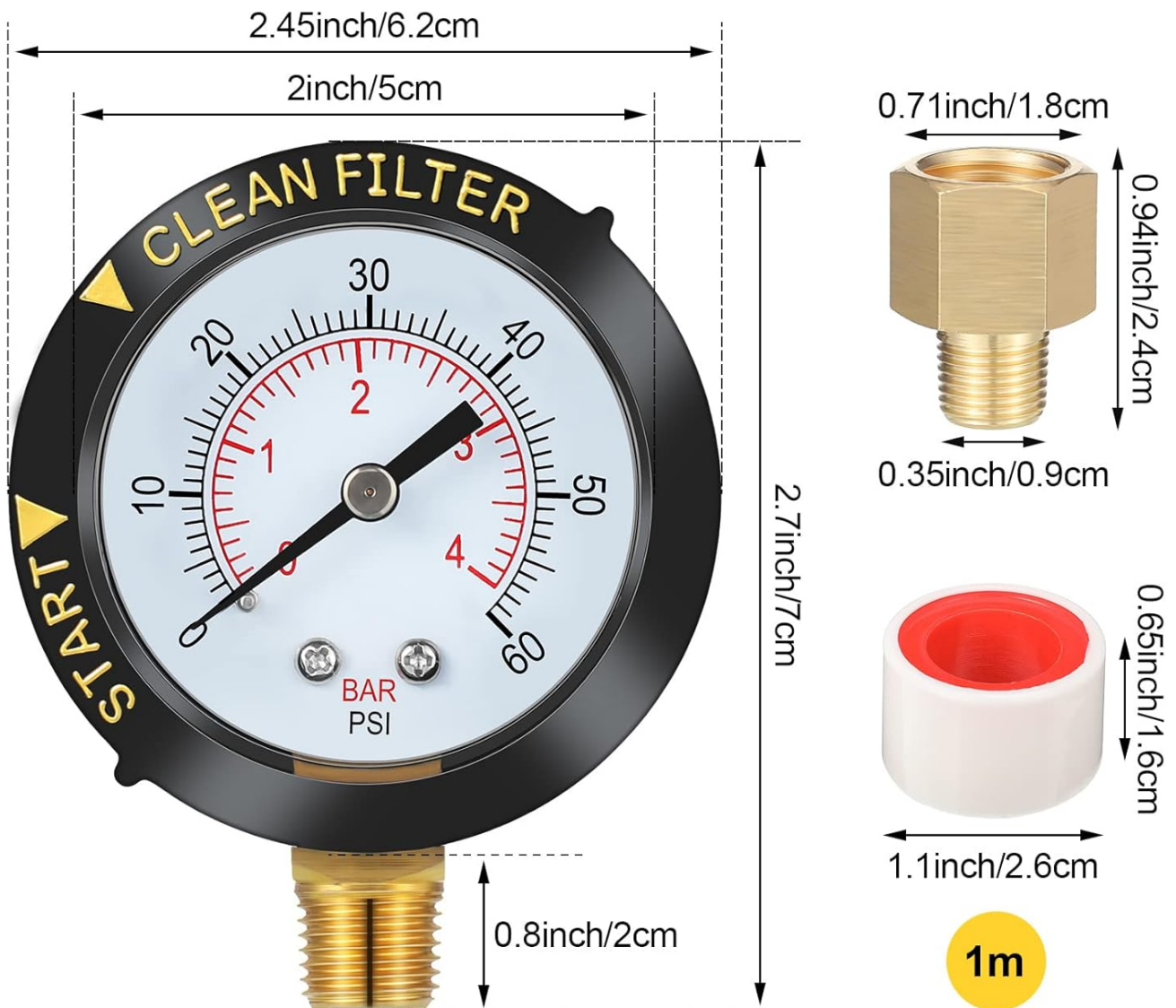


Figure 2: Dimensional specifications of the pressure gauge and brass thread adaptor.

1/4" NPT 2" DIALS PRESSURE GAUGE 1-60 PSI



Accurate scale and clear dial to ensure the accuracy of the value



Black case, portable, corrosion-resistant and wear-resistant



Seamless welding between shell and threaded joints



Figure 3: Detailed view of the pressure gauge, highlighting the 1/4" NPT connection and durable construction.

Pressure Gauge Introduce



Unit conversion: $0.1\text{Mpa}=1\text{Bar}=1\text{kg/cm}^2$

Figure 4: Exploded view of the pressure gauge components, including the transparent cover, pointer, dual scale, plastic body, and copper joint.

4. SAFETY INFORMATION

- Always ensure the system is depressurized before installing or removing the gauge.
- Do not exceed the maximum pressure rating of 60 psi.
- Handle with care to avoid damage to the gauge or its components.
- Keep small parts, such as adaptors and setable cases, away from children.
- If using thread sealant tape, apply it correctly to prevent leaks.

5. SETUP AND INSTALLATION

Follow these steps to properly install your Weewooday Pool Filter Pressure Gauge:

1. **Depressurize System:** Before beginning installation, ensure that the pool filter system is completely shut off and

depressurized.

2. **Prepare Threads:** If necessary, apply thread sealant tape (PTFE tape) to the threads of the pressure gauge or the brass thread adaptor. Wrap the tape clockwise around the threads 3-5 times for a secure, leak-free seal.
3. **Attach Adaptor (if needed):** If your system requires a 1/8 inch NPT connection, first screw the 1/8 inch NPT to 1/4 inch NPT brass thread adaptor onto the gauge's 1/4 inch NPT connection. Tighten by hand, then use a wrench for a final snug turn, being careful not to overtighten.
4. **Install Gauge:** Screw the pressure gauge (with or without adaptor) into the designated pressure port on your pool filter or pump. Ensure it is oriented so the dial is easily readable. Tighten by hand, then use a wrench for a final snug turn. *Do not overtighten, as this can damage the threads or the gauge.*
5. **Check for Leaks:** Once installed, slowly repressurize the system and check for any leaks around the connection points. If leaks are detected, depressurize the system and re-tighten the connections or reapply thread sealant tape.

|| ADDITIONAL SEAL TAPE ||

BRASS THREAD ADAPTOR



1/4" NPT - 1/8" NPT
ADAPTOR



Tightness
SEAL TAPE

Figure 5: Applying thread sealant tape to the brass adaptor for a secure connection.



Figure 6: Example installation of the pressure gauges on a filtration system.

Installation Overview Video

Your browser does not support the video tag.

Video 1: This video demonstrates the components of the pressure gauge kit and provides a visual guide for preparing the threads with sealant tape. It shows the gauge and adaptor, and the process of applying tape to ensure a tight seal during installation.

6. OPERATION

The Weewooday Pool Filter Pressure Gauge is designed for straightforward operation:

- **Reading the Gauge:** The gauge features a dual scale. The outer black scale indicates pressure in PSI (pounds per square inch), and the inner red scale indicates pressure in BAR. Read the value indicated by the needle.
- **"Clean Filter" Indicator:** The gauge includes a "Clean Filter" indicator. After cleaning or replacing your filter, note the pressure reading and rotate the outer bezel to align the "START" arrow with the current pressure. This provides a reference point to easily monitor when your filter needs cleaning again.

- **Monitoring Pressure:** Regularly check the pressure reading. A significant increase in pressure (typically 8-10 PSI above the "Clean Filter" reading) indicates that the filter is becoming clogged and requires cleaning or backwashing.



Figure 7: The gauge dial with dual scales (PSI and BAR) and the adjustable "Clean Filter" indicator.

7. MAINTENANCE

- **Cleaning:** Wipe the gauge face with a soft, damp cloth to remove dirt or debris. Do not use harsh chemicals or abrasive cleaners.
- **Inspection:** Periodically inspect the gauge for any signs of damage, such as cracks in the casing or a bent needle. Ensure the connection remains tight and free of leaks.
- **Storage:** If removing the gauge for winterization or extended storage, ensure it is clean and dry. Store in a cool, dry place away from direct sunlight and extreme temperatures.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Gauge reads zero when system is running.	System is depressurized, gauge is faulty, or connection is blocked.	Check system pressure. Ensure gauge is properly installed and not clogged. Replace if faulty.
Gauge needle fluctuates erratically.	Air in the system, pump cavitation, or gauge damage.	Bleed air from the system. Check pump for proper operation. Replace gauge if damaged.
Water or condensation inside the gauge.	Seal failure or exposure to excessive moisture.	This indicates a compromised seal. The gauge should be replaced.
Leaks at the connection point.	Improperly applied thread sealant tape or loose connection.	Depressurize system, reapply thread sealant tape, and tighten connection securely.

9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your Weewooday QI-Weewooday-185 Pool Filter Pressure Gauge Kit, please contact the manufacturer or your retailer. Keep your purchase receipt for warranty claims.

Manufacturer: Weewooday

Model: QI-Weewooday-185

