Fill-O-Meter

Instruction Manual

KL14694

KegLand Distribution PTY LTD

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KegLand

⚠️ **WARNING** ⚠️

DO NOT OVERTIGHTEN FITTINGS ONTO THE INPUT OR OUTPUT THREADS.
DO NOT EXCEED 5NM OF TORQUE.

⚠️ **WARNING** ⚠️

DO NOT EXCEED A WATER TEMPERATURE OF 40°C

⚠️ **WARNING** ⚠️

DO NOT USE WITH LIQUIDS OTHER THAN WATER

⚠️ **WARNING** ⚠️

ONLY ATTACH MAINS WATER TO THE INLET WITH FILTER IN PLACE

Default Display

Temperature ——————— Set value

——————— Instantaneous value

——————— Current interface

Operation and Parameter Adjustment

Press START/STOP to switch between standby and run modes. In standby mode the backlight will not be lit, parameters can be adjusted and the solenoid will remain closed. When the START/STOP is pressed, the set parameters will be locked and the solenoid valve will open.

Operation as a common water meter

When there is no set value (i.e. the set value is 0000.00L) the Fill-o-meter will operate as a common water meter. Hence, when START/STOP is pressed the solenoid valve will open and remain open until START/STOP is pressed again, resulting in the solenoid valve closing.

Altering the set volume

While in standby mode press the set key to enter the set volume adjustment mode. The digit being altered will blink. Press the up arrow button to increase the value of the digit or press the down arrow button to decrease the value of the digit.

The set value of the digit can be reset to zero by pressing CLEAR.

Press SET to confirm the value of the selected digit and move on to the next digit.

Once at the desired set volume press MENU to confirm the set volume and exit the set volume adjustment mode. Alternatively, when there is no operation for 10 seconds or the START/STOP button is presses the system will automatically exit the set volume adjustment mode and the solenoid valve will open.

Once the set volume has been delivered the solenoid will automatically close.

Clearing the set volume

Hold CLEAR for 3 seconds while in standby mode.

Switching between Liters and Gallons

Hold the down arrow for 3 seconds

Switching between Chinese and English

Hold the up arrow for 3 seconds

Quantitative Statistics

By default the Fill-O-Meter will display the total volume delivered as the instantaneous value. However, other quantitative statistics such as Daily Total Volume and Instantaneous Flow Rate can be displayed.

To switch between quantitative statistics press the MENU button while in standby mode.

1. Total (Max) Cumulative Volume

Displays the total cumulative volume delivered according to the set volume. If the set volume is 0000.00L then the instantaneous value will display the total volume which has been delivered since the last clear.

Displayed as L as the unit of measurement for the instantaneous value and symbol MAX in the current interface section.

2. Daily Total Volume

Displays the total volume delivered per day.

Displayed as Litres (L) as the unit of measurement for the instantaneous value, the day is shown below the instantaneous value and the symbol TOTAL in the current interface section.

How do you clear the day or switch between days?

3. Flow Rate (K-factor)

Displays the instantaneous measured flow rate in Litres/minute (LPM)

No symbols appear in the current interface section.

Calibration

1. Press MENU 3 times and the factory setting (009.40 LPM) will be displayed as the instantaneous value
2. Press SET for 3 seconds and use the up and down arrows to set the pin number to 1234 (default password)
3. Use the up or down arrows to change the LPM calibration
4. Press MENU to save the changes

The factory default k-factor is 9.4 LPM.

To calculate the Frequency use the following formula:

Frequency = k-factor (L/min) x time (min)

$$= 9.4 \times 60$$

$$= 564 \text{ pulses/L/min}$$

What does it mean to increase or decrease this value in regards to calibration?

Changing the calibration password

To adjust the password used for altering calibration follow these steps:

1. Press MENU until the flow rate quantitative statistic is displayed.
2. Hold CLEAR for 3 seconds. The left most dash next to the PW symbol will be flashing.

3. Use the up or down arrows to Input the default password of 1234 i.e. set the first digit to 1 using the up or down arrows and press set to confirm the value of the first digit and move to adjustment of the second digit. Set the second digit to 2, the third digit to 3 and the fourth digit to 4. (if the password is incorrect, a buzzer will alarm three times and the digits will be reset requiring the password to be input again).
4. Once the default password has been entered, 4 dashes will be on the instantaneous value display.
5. Set the new password in the instantaneous value display and then press SET
6. Enter the digits of the new password again to set the new password.

Items Included