Operator Manual
MANU41319 VERSION D 08/20
Part No. LA824
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Please follow the safety information detailed below for the Quick Start Guide and Operator Manual.

**WARNINGS ARE GIVEN WHERE FAILING TO OBSERVE THE INSTRUCTIONS COULD RESULT IN INJURY OR FATALITY.**

**Cautions are given where failure to observe the instructions could result in damage to the equipment, associated equipment and processes.**

**Environment and Positioning**

- **Caution!**
  Clean dry indoor, temp 5 - 40°C, humidity max 80%, non-condensing.

- **Caution!**
  PURELAB Dispenser is not designed for use in fume cupboards where chemicals could damage the product.

- **Caution!**
  Installed on a flat level worktop, PURELAB Dispenser can also be securely fitted to a worktop using the mounting bracket provided, please see Quick Start Guide - section 2 for details.

**Electricity**

- **WARNING!**
  Do not connect to a pressurised water supply (potable or pretreated).
  Failure to do so could result in damage to the installation.

  The appliance coupler (mains lead) or power supply connected to the rear of the unit can be removed to isolate the power supply. If access to this is restricted then it is recommended that access to the mains socket is easily available to disconnect the power supply.

- **WARNING!**
  ONLY USE THE APPLIANCE COUPLER (MAINS LEAD) AND POWER SUPPLY PROVIDED, USE OF THESE WILL ENSURE ADEQUATE EARTH PROTECTION. DISCONNECT ELECTRICAL MAINS POWER SUPPLY BEFORE ANY MAINTENANCE WORK IS STARTED. IF THE EQUIPMENT IS USED IN A MANNER NOT SPECIFIED BY ELGA VEOLIA®, THE PROTECTION PROVIDED BY THE EQUIPMENT MAY BE IMPAIRED.

- **WARNING!**
  POSITION THE POWER SUPPLY SO THAT IT CANNOT COME INTO CONTACT WITH WATER.

**Personal Protective Equipment (PPE)**

- **WARNING!**
  MAINTENANCE MUST BE CARRIED OUT WITH PROPER PROTECTIVE EQUIPMENT THAT INCLUDES STERILE LATEX NITRILE GLOVES CAT 3.

**Control of Substances Hazardous to Health (COSHH)**

Material safety data sheets covering the consumables are available upon request.

Note: Ensure the consumables are disposed of in accordance with local regulations.
HEALTH AND SAFETY NOTICES

**Items not supplied**
- Tape Measure
- Phillips Screw Driver
- Plastic Pipe Cutters
- EN388 & EN374
- Drill
- Ø3mm Drill Bit
- Tube Keys
- EN14126
- Goggles

**SUPPLIED PARTS**
- 1 X COMMS
- 1 X Power
- Type 1
- Type 2
- Handset Labels
WELCOME

Thank you for purchasing a PURELAB® Dispenser, please read the Health and Safety notice before proceeding with this installation.

HEALTH & SAFETY

Please follow the safety information detailed in the front of the Quick Start Guide. Failure to observe these instructions could result in damage to the equipment and associated equipment resulting injury or death.

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ELGA VEOLIA® is the global laboratory water brand name of Veolia.
PURELAB® is an ELGA trademark and technology.
Owing to a policy of continual improvement, we reserve the right to amend the specifications given in this document.
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DISPENSER HANDSET

LCD Display
Screen
Dispenser Handset
Handset Cradle
Flexible Dispenser Hose
Height Adjustment Button
Weighted Base
Dispense Button
Water Purity Display
Scrolling information bar - bar indicating the status.
Auto Volume or Reservoir Volume
Auto Volume Dispense Button
Up Button
Accept Button
Down Button
Dispenser Tip
Worktop Mounting Bracket
COMMS Port
COMMS Port
Power 24V DC
Power 24V DC
Port 5: Return
Port 1: Inlet
COMMS Port
COMMS Port
Power 24V DC
Power 24V DC
Port 5: Return
Port 1: Inlet

PURELAB® Dispenser Operator Manual MANU41319 Version D 08/20 Page 1
**SYSTEM CONFIGURATION - PURELAB QUEST**

Example 1: 1 X PURELAB Quest RO/DI/UV or RO/DI - 1 X PURELAB Dispenser LA824 (Max 1 Dispenser) - LA648 Boost Pump

- Quest Port 1: Feedwater Inlet
- Quest Port 2: Overflow
- Quest Port 3: Drain
- Quest Port 6: Dispenser Return
- Quest Port 7: Dispenser Outlet
- Dispenser Port 1: Inlet
- Dispenser Port 5: Return

Optional - LA648 Boost Pump - for feedwater below <2.0 bar

**Key**
- COMMS
- Power
- Water
- 15mm Valve
- Regulator LA512
- 8mm Flow Bend
- 8mm Tube Clip
- Air Break Device

**Existing system configuration:** If you are connecting a PURELAB Dispenser to an existing system configuration, please ensure all of your products are up to date and using the latest software. To find the software version of your existing system, simply turn the power off by the wall and back on again and the current software version number will be displayed in the bottom right-hand corner of the screen. If your software version number is older than the one listed on the website at www.elgalabwater.com/customize, then please perform a software update, see section 8.3 ‘Software Update’ in this operator manual.

Example 2: 1 X PURELAB Quest RO/DI/UV or RO/DI - 1 X PURELAB Dispenser LA824 - Wall Mounting Bracket LA735

- Quest Port 1: Feedwater Inlet
- Quest Port 2: Overflow
- Quest Port 3: Drain
- Quest Port 6: Dispenser Return
- Quest Port 7: Dispenser Outlet

Wall Mounting Bracket LA735 (INST39088)
**SYSTEM CONFIGURATION - PURELAB CHORUS I ANR/LSC/GSC**

Example 1: 2 X PURELAB Chorus 3 RO or 2 X PURELAB Chorus 2 RO/DI - 1 X PURELAB Chorus 1 - 3 X PURELAB Dispensers LA824

(2 X Max 4 Dispensers) - LA759 60L Reservoir or LA760 100L Reservoir

Chorus 3 RO or Chorus 2 RO/DI fills an external reservoir with purified Type 3 or Type 2 water, which then feeds a Chorus 1 to produce Type 1 water.

**New system configuration:**

1. Commission Chorus 3 RO or Chorus 2 RO/DI systems first, directing reservoir port: 4a to drain during this procedure.
   (Please refer to operator manual Chorus 3 RO MANU39996 or Chorus 2 RO/DI MANU40003 for commissioning instructions)

2. Once the reservoir is full, open reservoir port:4a manual valve to Chorus 1 port 1: Feedwater inlet and continue to commission Chorus 1 with the PURELAB Dispensers connected.

3. Chorus 1 is set in pre-commissioning mode and will automatically direct water to drain during this procedure.
   (Please refer to operator manual Chorus 1 MANU39998 for commissioning instructions)

**Existing system configuration:** If you are connecting a PURELAB Dispenser to an existing system configuration, please ensure all of your products are up to date and using the latest software. To find the software version of your existing system, simply turn the power off by the wall and back on again and the current software version number will be displayed in the bottom right-hand corner of the screen. If your software version number is older than the one listed on the website at www.elgalabwater.com/customize, then please perform a software update, see section 8.3 'Software Update' in this operator manual.

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Chorus Port 1: Feedwater Inlet  
Chorus Port 3: Drain  
Chorus Port 4: Product Outlet  
Chorus Port 5: Return  
Chorus Port 6: Power  
Chorus Port 7: Comms  
Chorus Port 8: Power  
Chorus Port 9: Comms

Chorus Reservoir Port 1: Inlet  
Chorus Reservoir Port 4a: Outlet  
Chorus Reservoir Port 4b: Outlet  
Chorus Reservoir J1: Comms  
Chorus Reservoir J2: Comms

Dispenser Port 1: Inlet  
Dispenser Port 5: Return

Halo Dispenser Port 1: Inlet  
Halo Dispenser Port 5: Return  
Halo Dispenser Port 6: Power  
Halo Dispenser Port 7: Comms  
Halo Dispenser Port 8: Power  
Halo Dispenser Port 9: Comms

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**Key**

- COMMS
- Power
- Water
- Valve
- 15mm Valve
- 8mm Flow Bend
- 8mm Tube Clip
- 8mm Equal T

---
Example 2: 1 X PURELAB Chorus 3 RO or 1 X PURELAB Chorus 2 RO/DI - 1 X PURELAB Chorus 1 - 2 X PURELAB Dispensers LA824 - LA757 15L Reservoir or LA758 30L Reservoir - Halo Dispenser Wall Mounting Bracket LA768 - Chorus Reservoir Bracket LA770 1 X PURELAB Halo Dispenser LA754 or LA755

\[ \text{Air Break Device} \]

'\text{See Chorus 1 system configuration notes}'

Example 3: 1 X PURELAB Chorus 3 RO or 1 X PURELAB Chorus 2 RO/DI - 1 X PURELAB Chorus 1 - 1 X PURELAB Halo Dispenser LA754 or LA755 - 1 X PURELAB Dispenser LA824 - LA757 15L Reservoir or LA758 30L Reservoir

\[ \text{'See Chorus 1 system configuration notes'} \]
Example 4: 1 X PURELAB Chorus 3 RO or 1 X PURELAB Chorus 2 RO/DI - 1 X PURELAB Chorus 1 - 2 X PURELAB Dispensers LA824 - LA757 15L Reservoir or LA758 30L Reservoir - Chorus Wall Mounting Bracket LA795 - Chorus Reservoir Bracket LA770

'See Chorus 1 system configuration notes'

Example 5: 1 X PURELAB Chorus 3 RO or 1 X PURELAB Chorus 2 RO/DI - 1 X PURELAB Chorus 1 - 1 X PURELAB Chorus Halo Dispenser LA754 or LA755 or LA756 - 1 X PURELAB Dispenser LA824 - LA757 15L Reservoir or LA758 30L Reservoir

'See Chorus 1 system configuration notes'
SYSTEM CONFIGURATION - PURELAB CHORUS 1 COMPLETE AND 2+ NON EDI

Example 1: 1 X PURELAB Chorus 1 Complete or PURELAB Chorus 2+ (Non EDI) - 3 X PURELAB Dispensers LA824 (Max 3 Dispensers) - LA759 60L Reservoir or LA760 100L Reservoir

Chorus 1 Complete and 2+ recirculate purified water through the reservoir for repeated exposure to the purifying technologies.

New system configuration:

1. Remove and relocate Non-Return-Valve before starting the commissioning procedure.
   (Please refer to operator manual MANU40932 section 7.2 for details)

2. Commission PURELAB Chorus 1 Complete or PURELAB Chorus 2+ system with the dispensers connected, redirecting reservoir port: 4b to drain during this procedure (Please refer to operator manual MANU40932 section 5.5 for commissioning instructions).

Existing system configuration: If you are connecting a PURELAB Dispenser to an existing system configuration, please ensure all of your products are up to date and using the latest software. To find the software version of your existing system, simply turn the power off by the wall and back on again and the current software version number will be displayed in the bottom right-hand corner of the screen. If your software version number is older than the one listed on the website at www.elgalabwater.com/customize, then please perform a software update, see section 8.3 ‘Software Update’ in this operator manual.

Chorus Port 1: Feedwater Inlet
Chorus Port 3: Drain
Chorus Port 4: Product Outlet
Chorus Port 5: Return
Chorus Port 6: Power
Chorus Port 7: Comms
Chorus Reservoir Port 1: Inlet
Chorus Reservoir Port 4a: Outlet
Chorus Reservoir Port 4b: Outlet
Chorus Reservoir J1: Comms
Chorus Reservoir J2: Comms

Dispenser Port 1: Inlet
Dispenser Port 5: Return
Halo Dispenser Port 1: Inlet
Halo Dispenser Port 5: Return
Halo Dispenser Port 6: Power
Halo Dispenser Port 7: Comms
Halo Dispenser Port 8: Power
Halo Dispenser Port 9: Comms

Key

- COMMS
- Power
- Water
- Valve
- 15mm Valve
- Regulator LA512
- 8mm Flow Bend
- 8mm Tube Clip
- Non-Return-Valve

Adding An Additional Dispenser

Dispenser Type 1 or Type 2+

Dispenser Type 1 or Type 2+

Dispenser Type 1 or Type 2+

Dispenser Type 1 or Type 2+

Chorus Reservoir 60L or 100L
Example 2: 1 X PURELAB Chorus 1 Complete or PURELAB Chorus 2+ (Non EDI) - 1 X PURELAB Dispenser LA824 - LA757 15L Reservoir or LA758 30L Reservoir - 2 X PURELAB Chorus Halo Dispenser LA754 or LA755 or LA756

'See Chorus 1 Complete and 2+ (Non EDI) system configuration notes'
Example 1: 1 X PURELAB Chorus 2+ (EDI) - 3 X PURELAB Dispensers (Max 3 Dispensers) - LA759 60L Reservoir or LA760 100L Reservoir

Chorus 2+ EDI recirculate purified water through the reservoir for repeated exposure to the purifying technologies.

New System configuration:

1. Remove and relocate Non-Return-Valve before starting the commissioning procedure. (Please refer to operator manual MANU40932 section 7.2 for details)

2. Commission PURELAB Chorus 2+ EDI with the PURELAB Dispensers connected, water will be automatically redirected to drain through an internal flush valve (V2) during this procedure. (Please refer to operator manual MANU40932 section 5.6 for commissioning instructions)

3. Once commissioning is completed the internal EDI filter module will need ‘bleeding’ before purified water can be dispensed from the Chorus 2+ tap or dispensers. (Please refer to operator manual MANU40932 section 5.6 for instructions)

Existing system configuration: If you are connecting a PURELAB Dispenser to an existing system configuration, please ensure all of your products are up to date and using the latest software. To find the software version of your existing system, simply turn the power off by the wall and back on again and the current software version number will be displayed in the bottom right-hand corner of the screen. If your software version number is older than the one listed on the website at www.elgalabwater.com/customize, then please perform a software update, see section 8.3 ‘Software Update’ in this operator manual.
Example 2: 1 X PURELAB Chorus 2+ (EDI) - 1 X PURELAB Dispenser LA824 - LA757 15L Reservoir or LA758 30L Reservoir - 2 X PURELAB Chorus Halo Dispenser LA754 or LA755 or LA756

'See Chorus 2+ (EDI) system configuration notes'
HOW TO ASSEMBLE AND MAKE HEIGHT ADJUSTMENTS

a) Insert the handset set into the cradle as shown. (Fig.1)
b) Rotate the handset. (Fig.2)
c) Press and hold the height adjustment button to slide the handset arm up and down. (Fig.3)
d) When you have found the perfect height, release the height adjustment button to lock into position. (Fig.4)
SET - UP

2 OPTIONAL WORKTOP MOUNTING BRACKET

This is an optional attachment, please skip to section 7 in the Quick Start Guide if you do not need to fit this securing bracket.

(Fig.5)

Caution! Please read the Health and Safety Notices in the front of the Quick Start Guide before proceeding with this installation.

Caution! This bracket is only suitable for wooden worktops.

Items not supplied

Drill
Ø3mm Drill Bit
Phillips Screw Driver
EN388 & EN374
Goggles

3 REMOVING THE SUPPLIED WORKTOP MOUNTING BRACKET

(Fig.6)

a) Undo the fixing screws screw from the base of the PURELAB Dispenser to remove the mounting bracket.

(Fig.6)
4 MARK AND DRILLING THE HOLES

a) Mark and drill two holes into the wooden worktop to a depth of 30mm using an Ø3mm pilot drill bit. (Fig.7)

5 REASSEMBLE THE BRACKET

a) Reassemble the mounting bracket back onto the base as shown above. (Fig.8)

6 FIXING THE PURELAB DISPENSER TO THE WORKTOP

a) Insert the fixing screws into the screw cap washers. (Fig.9)

b) Fix the screws into the pre drilled holes and push the screw caps over the screw heads. (Fig.9)

Bracket installations completed
**SET - UP**

### 7 CONNECT THE WATER INLET

a) Remove the transit plug from Port 1 water inlet connection. (Fig.10)

b) Using the tube supplied, firmly push one end securely into Port 1 inlet connection. Use the flow bends provided to mould the tube into position. (Fig.11)

### 8 CONNECT THE WATER RETURN

a) Remove the transit plug from Port 5 water Return connection. (Fig.12)

b) Using the tube supplied, firmly push one end securely into the Port 5 water Return connection. Use the flow bends provided to mould the tube into position. (Fig.13)
SET-UP

9 CONNECT THE COMMUNICATIONS CABLES

a) Link the comms cables as shown above, connections may vary depending on your system configuration. (Fig.14)

10 CONNECT THE POWER CABLES

a) Link the power cables as shown above, connections may vary depending on your system configuration. (Fig.15)

Caution!
Only use the power supply provided by ELGA VEOLIA.

(Power supply is supplied with main product)
**SET UP**

### SET LANGUAGE

- **a)** Press up and down buttons to select your language. (Fig.16)
- **b)** Press accept to confirm. (Fig.17)

(Language section will only appear on screen if you are setting up a new system configuration.)

### FOLLOW THE ON SCREEN INSTRUCTIONS

- **a)** For new system system configurations, follow the on screen commissioning instructions. (Fig.18)
- **b)** After completing the commissioning procedure, please wait for the reservoir to fill and reach full purity before dispensing any water. (Fig.19)
- **c)** When full purity is reached on your Type 1 or Type 2 system configuration you can dispense purified water from the PURELAB Dispenser. (Fig.20)

(Water Purity Alarm will be active during the commissioning)

(The Commissioning procedure will only appear on screen if you are setting up a new system configuration. When connecting to an existing system configuration, wait for the purity to be displayed before dispensing)
I. MANUAL INTRODUCTION

1.1 Health & Safety

Please ensure you read the Health & Safety notes in the Quick Start Guide.

1.2 Product Model

This Operator manual has been prepared for PURELAB® Dispenser product model:

- PURELAB® Dispenser LA824

1.3 Use of this Manual

This manual guides you through the operation and maintenance of PURELAB® Dispenser allowing you to obtain a guaranteed supply of purified water to meet your requirements.

1.4 Installation

Quick Start Guide shown in the front of this manual shows you how to install PURELAB® Dispenser.

Quick Reference Guide shows you 'day to day' functions while using the PURELAB® Dispenser.

1.5 Environment

PURELAB® Dispenser should be installed on a flat, level surface, in a clean, dry environment it can also be mounted to a worktop using the purpose designed bracket, See Quick Start Guide section 2 for details

1.6 Commissioning

Please refer to the main product operator manuals for commissioning a new system configuration.

Existing system configuration: If you are connecting a PURELAB® Dispenser to an existing system configuration, please ensure all of your products are up to date and using the latest software. To find the software version of your existing system, simply turn the power off by the wall and back on again and the current software version number will be displayed in the bottom right-hand corner of the screen.

If your software version number is older than the one listed on the website at www.elgalabwater.com/customize, then please perform a software update, see section 8.3 'Software Update' in this operator manual.

1.7 Customer Support

If you need help with your product, please call your local ELGA Veolia® representative. For the address of the nearest ELGA Veolia® Sales and Service office visit our website.

www.elgalabwater.com or contact ELGA Veolia at: Email: techsupport@elgalabwater.com
2. GUIDE TO YOUR PURELAB DISPENSER

Dispenser Handset

LCD Display Screen

Flexible Dispenser Tube

Handset Cradle

Dispense Button

Water Purity Display

Scrolling information bar - bar indicating the status.

Auto Volume or Reservoir Volume

Auto Volume Button

Up Button

Accept Button

Down Button

Weighted Base

Dispenser Tip

Worktop Mounting Bracket

COMMS Port

Power 24V DC

Port 5: Return

Power 24V DC

Port 1: Inlet
### 3. MAIN DISPLAY SETTINGS AND BUTTON OPERATION

| Main Display | Water Purity Display | Megohm - 1 to 18.2 MΩ  
(When the water purity falls below the default setting, numbers will flash in red indicating that the purity alarm has been activated) | 18.2 10.0  
| Water Purity Display | Micro Siemens  
(This feature can be activated in the main menu options tabs) | 0.055  
| Scrolling Information Bar | Alarms and product information are displayed in this scroll bar. | Cycle - system OK, Purity Alarm Acti  
| Reservoir Volume | Reservoir levels and fill status are shown on the display. (Reservoir symbol flashes red indicating that the reservoir is almost empty) | ![Reservoir Levels](image)  
| Auto Volume Dispense | This feature is activated by pressing the Auto Volume Dispense button, volumes are displayed in incremental order and changed when the up and down buttons are pressed. Pressing accept button start the dispense. | ![Auto Volume Dispense](image)  
| Process symbol | Shows that the product is performing an operation. | ![Process Symbol](image)  

| Button Operation | Scroll Up Button | Press to scroll up on a menu or volume increments increase in a feature. | ![Scroll Up](image)  
| Scroll Down Button | Press to scroll down on a menu or volume increments decrease in a feature.  
(Press and hold to exit data logging) | ![Scroll Down](image)  
| Dispense Button | Press for manual dispense | ![Dispense](image)  
| Auto Volume Dispense Button | Press once to activate and again to deactivate the Auto Volume Dispense feature.  
On some products pressing and holding the Auto Volume Dispense button will initiate a reservoir refill cycle. | ![Auto Volume Dispense](image)  
| Accept Button | Press the accept button to enter. Press and hold the accept button to enter the main menu options tabs. | ![Accept](image)  

*Options tabs will be driven from the main product.

*Volumes depend on your system configuration.
4. PRODUCT CONSUMABLES

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Typical Service Life*</th>
<th>Max. Shelf Life</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC134</td>
<td>Point-Of-Use 0.2µm Micro Filter (POU)</td>
<td>3 Months</td>
<td>2 Years</td>
</tr>
<tr>
<td>LC145</td>
<td>Point-Of-Use 0.2µm Micro Filter (POU)</td>
<td>3 Months</td>
<td>2 Years</td>
</tr>
<tr>
<td>LC197</td>
<td>Point-Of-Use Bio Filter (POU)</td>
<td>3 Months</td>
<td>2 Years</td>
</tr>
</tbody>
</table>

* Consumable life is an estimate only, and will depend on the application.

5. REGISTER YOUR PRODUCT

5.1 Registering a Product

Taking the time now to register will mean that we can provide a better service to you in the future. We can contact you about product information and service updates.

Why Register your product?

- Validated your product warranty
- Proof of product registration
- Receive software and service updates

How can I quickly register?

The model number and serial number can be found on the ratings plate, see below:

* Model number
** Serial number

Enter the model and serial number into the online form at: https://www.elgalabwater.com/support/register-a-product
6. QUICK REFERENCE GUIDE

6.1 Manual Dispense

Press and hold the dispense button at anytime for manual dispense, release to stop dispensing.

6.2 Continuous Dispense

Press the dispense button and accept button together to start continuous dispense. Press dispense button to exit this feature.

6.3 Auto Volume Dispense

Press Auto Volume dispense button at anytime to open this feature. Press up and down buttons, to scroll through the volumes. To confirm press dispense button to start dispensing the water.

Note: Water volumes may vary see the technical specifications in your main product.
6. QUICK REFERENCE GUIDE

6.4 Deactivating Auto Volume Dispense

Press Auto Volume Dispense button once to deactivate.

6.5 ON - OFF, Menu and Accept

Press and hold accept button for 2 seconds to enter the Main Menu.

Press up and down buttons to scroll through the main menu options tabs, press accept button to confirm your selection.

Note: Menu options tabs are driven from your main product.
7.1 Replacing the Point-Of-Use Filter LC134 / LC145 / LC197

**Step 1 - Removing the Dispense Tip**

1. Unscrew the dispense tip from underneath the handset (Fig.1).
2. Do not dispose of the dispense tip, this part is required for the sanitization procedure (Fig.2).

**Step 2 - Unpacking the LC134 / LC145 / LC197 Point-Of-Use Filter and Installing**

1. Unpack the new POU filter from it's outer and inner packaging, remove the cap (Fig.3).
2. Coupler is not required for PURELAB® Dispenser, screw in the Point-of-Use filter (Fig.4).
3. Slightly open both bleed valves, before dispensing any water to release any trapped air (Fig.5).
4. Press the dispense button, drawing water through and close both bleed valves (Fig.6).
5. Installation is completed, normal operation can resume.
8. CUSTOMIZE OPERATION

8.1 Set Alarm Points

1. Hold and press accept ⇪ to enter the main menu (Fig.1).
2. Scroll ▲+▲ and select Set Alarm Points, press accept ⇪ to confirm (Fig.2).
3. Scroll ▲+▲ and select a feature, press accept ⇪ to confirm (Fig.3).
4. Adjust the valve by scrolling ▲+▲, press accept ⇪ to save (Fig.4).
5. Normal operation will now resume. (Fig.5).

8.2 Advanced Data Logging

1. Insert a USB stick into the USB port on the main product (Fig.1).
2. Scroll ▲+▲ and select 'Start Data Logging', press accept ⇪ to confirm (Fig.2).
3. Scroll ▲+▲ and select an interval data recording time, press accept ⇪ to confirm (Fig.3).
4. To finish recording press the down ▼ and remove the USB. (Fig.4).
5. Downloaded Data files can be viewed on your PC or Mac.

8.3 Software Update

1. Download the latest software version onto a blank USB at: www.elgalabwater.com/customize
2. Insert the USB, scroll ▲+▲ and select 'Software Update', press accept ⇪ to confirm (Fig.2).
3. Progress will be displayed on screen (Fig.3).
4. Once completed the system configuration will power down, hold and press accept to power ON (Fig.4).
5. Software update is now complete, normal operation will resume (Fig.5).
<table>
<thead>
<tr>
<th>Issues</th>
<th>Action</th>
</tr>
</thead>
</table>
| **Blank Display Screen**                          | 1. Press any button to wake from sleep mode.  
|                                                   | or  
|                                                   | 2. Check the power supply is connected to the product, ensuring that all connections are securely fitted. (Turn the power OFF/ON)  
|                                                   | or  
|                                                   | 3. Check the plug socket fuse, replace if necessary.  
| **Unable to Enter the Features in the Main Menu** | 1. Check the product is turned ON.  
|                                                   | or  
|                                                   | 2. Make sure Auto volume dispense is disabled. (See section 6.3 - Quick Reference Guide)  
| **Incorrect Volume of Water**                     | 1. Select Auto Volume Calibration in the main menu.  
| **Message Displayed - Sanitization Reminder**     | 1. Complete a Sanitization Procedure. (See main product operator manual for instructions)  
| **Message Displayed - UV Lamp Change Reminder**   | 1. Complete a UV lamp change. (See main product operator manual for instructions)  
|                                                   | 2. Reset UV lamp reminder. (See main product operator manual for instructions)  
| * Some main products do not have a UV Lamp so this message may not appear on your handset. |  
| **Message Displayed - High Temperature Water Alarm** | 1. Adjust the alarm points settings via Main Menu.  
|                                                   | or  
|                                                   | 2. Check the feedwater temperature.  
|                                                   | 3. Press the dispense button to draw some water through the system configuration, switch OFF and restart.  
| **Reduced Dispensing Flow Rate**                  | 1. Check the mesh feedwater inlet filter for blockages. (See main product operator manual for instructions)  
|                                                   | or  
|                                                   | 2. Replace the Point-Of-Use Filter.  
|                                                   | or  
|                                                   | 3. Check the feedwater valves are fully opened.
### 9. TROUBLESHOOTING

<table>
<thead>
<tr>
<th>Issues</th>
<th>Action</th>
</tr>
</thead>
</table>
| Message Displayed - Dispense Water Purity Alarm | 1. Check the alarm points settings via Main Menu.  
or  
2. Replace the Purification Pack and wait for the cycle to complete.  
(See main product operator manual for instructions)  
or  
3. Replace the UV lamp.  
* Some main products do not have a UV Lamp  
(See main product operator manual for instructions)  
(Water Purity Alarm is active during commissioning procedure, see quick start guide for details) |
| Message Displayed - System configuration error | 1. check connections, ensure that the configuration is valid.  
(follow the system configurations - Quick Start Guide)  
or  
2. Update your main product software via the USB port.  
(See Customize Operation - section 9 Customize Operation) |
## Dimensions and Weights

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dispatch Weight</td>
<td>7.7 KG</td>
</tr>
<tr>
<td>Operational Weight</td>
<td>4.5 KG</td>
</tr>
<tr>
<td>Installation</td>
<td>Free-standing on a worktop or secured to a worktop using the mounting bracket provided (see quick start guide for details)</td>
</tr>
</tbody>
</table>

## Electrical Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mains Input</td>
<td>100-240 VAC, 50-60 Hz</td>
</tr>
<tr>
<td>Power Required</td>
<td>24 V DC</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>120 VA</td>
</tr>
<tr>
<td>Noise Output</td>
<td>dBA - &lt; 40</td>
</tr>
</tbody>
</table>

## Water Connections

<table>
<thead>
<tr>
<th>Connection</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inlet</td>
<td>8mm OD Tube</td>
</tr>
<tr>
<td>Return</td>
<td>8mm OD Tube</td>
</tr>
<tr>
<td>Flow Bends</td>
<td>8mm (Provided in the basic installation kit with the main product)</td>
</tr>
</tbody>
</table>
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The Labwater Specialists
PURELAB® Dispenser

Operator Manual
MANU41319 VERSION D 08/20
Part No. LA824

WATER PURIFICATION