Read all safety warnings and all instructions thoroughly before operating this product. Ensure you keep your manual in a safe place for future reference.
IM ed5 01/2020
QR codes take you where you want to go quickly and easily

Whether you require product information, spare parts or accessories, details on warranties or aftersales service, or if you want to watch a product demonstration video, our QR codes will take you there in no time at all.

What is a QR code?
A QR-code (QR=Quick Response) is a type of matrix that can be read with a smartphone camera and that contains a link to a website or contact details, for example.
Advantage: You are not required to manually enter a website address or contact details.

How it works
To scan the QR code, all you need is a smartphone with QR codes reader software and an Internet connection*. This type of software can be downloaded for free from your smartphone’s app store.

Try it out now
Just scan the QR code with your smartphone and find out more about the Aldi product you have purchased*.

* Depending on your tariff you may be charged for the connection.
Description of symbols

The instruction manual, rating plate, or on the product itself, may show these symbols. These represent important information about the product or instructions on its use.

- **Read instruction manual before operating this machine**

- **Warning**

- **Conforms to relevant standards for electrical safety and electromagnetic compatibility.**

- **60**
  - **60 Months Warranty**

- **$H_{\text{min}}$**
  - **Minimum total head**
WARNING! Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Carefully read the instructions for the safe operation of the machine.

Save all warnings and instructions for future reference.

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

- Children should be supervised to ensure that they do not play with the appliance.

- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

- The pump must be supplied through a residual current device (RCD) having a rated residual operating current not exceeding 30 mA.

- The plug must be removed from the socket-outlet before cleaning or maintaining the appliance.

1. Work area safety

a. Keep work area clean and well lit. Cluttered or dark areas invite accidents.

b. Do not operate Pumps in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Pumps create sparks which may ignite the dust or fumes.

c. Keep children and bystanders away while operating a Pump. Distractions can cause you to lose control.
2. Electrical safety
   a. **Pump plugs must match the outlet.** Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) Pumps. Unmodified plugs and matching outlets will reduce risk of electric shock.
   
   b. **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
   
   c. **Do not abuse the cord.** Never use the cord for carrying, pulling or unplugging the Pump. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
   
   d. **When operating a Pump, use an extension cord suitable for wet conditions.** Use of a cord suitable for wet use reduces the risk of electric shock.
   
   e. **This Pump must be used with a residual current device with rated residual current of 30mA or less.** Use of an RCD reduces the risk of electric shock.

3. Personal safety
   a. **Stay alert, watch what you are doing and use common sense when operating a Pump.** Do not use a Pump while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating a Pump may result in serious personal injury.
   
   b. **Avoid accidental starting.** Ensure the switch is in the off position before plugging in. Carrying Pump with your finger on the switch or plugging in Pumps that have the switch on invites accidents.
   
   c. **Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
   
   d. **When operating a Pump outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
4. Pump use and care
   a. Disconnect the plug from the power source before making any adjustments, changing accessories, or storing Pumps. Such preventive safety measures reduce the risk of starting the Pump accidentally.
   b. Maintain Pumps. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the Pumps operation. If damaged, have the Pump repaired before use. Many accidents are caused by poorly maintained Pumps.
   c. Use the Pump, and accessories etc., in accordance with these instructions and in the manner intended for the particular type of Pump, taking into account the working conditions and the work to be performed. Use of the Pump for operations different from intended could result in a hazardous situation.

5. Service
   a. Have your Pump serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the Pump is maintained.
   b. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
Additional safety instructions for Garden Pumps

⚠️ **WARNING!** This Pump is not suitable for use in spa’s, swimming pools or similar applications.

**NOTE:** This Garden Pump must be used with a residual current device with a rated residual current of 30mA or less.

⚠️ **WARNING!** This product is intended for pumping water in a Home Domestic application. Do not use it for corrosive, abrasive, explosive or dangerous liquids. Fluids other than water will damage the Garden Pump and/or create a fire hazard. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

⚠️ **WARNING!** This product is not suitable for use with drinking (potable) water.

- Ensure the Garden Pump is disconnected from mains power when installing.
- Do not install or operate the Garden Pump in an explosive environment or near flammable material.
- Do not operate the Garden Pump without liquid.
- Do not run the Garden Pump dry.
- Do not operate the Pump without the outlet of the Pump connected to the drain system.

⚠️ **WARNING!** The Garden Pump together with associated pipework operate under pressure. Do not disconnect Garden Pump or pipework until internal pressure has been released. Failure to do this could result in personal injury and damage to property.

- Avoid inserting hands into the inlets/outlets of the Garden Pump while it is connected to power.
• Before using the Garden Pump, always inspect it visually. Do not use the Pump if it is cracked and/or damaged. If the Garden Pump is damaged, contact customer service.

• The Garden Pump has a built-in thermal protection overload switch. The Garden Pump stops if an overload occurs. The motor restarts automatically after it has cooled down.

• The Pump must not be used in situations where people are in the water.

• Never work or perform maintenance on the Pump without first making sure it has been disconnected from the mains power.

• Pollution of the liquid could occur due to leakage of lubricants. Important: Avoid inserting hands into the mouth of the Pump if it is connected to the mains.

• Do NOT put your hands or other body parts into the water when the Pump is in operation and connected to 240V mains power. In a fault condition, this could result in electrocution.

• The electrical connection must always be made in a dry area. Make sure that electrical connections are protected from inundations.

• Protect the plug and the power cable from heat, oil or sharp edges.

• If damaged, the power cable must be replaced by a qualified electrician, manufacturer, its service agent or similarly qualified person in order to avoid a hazard.
Electrical safety

**WARNING!** When using mains-powered tools, basic safety precautions, including the following, should always be followed to reduce risk of fire, electric shock, personal injury and material damage.

Read and understand the manual prior to operating this Pump.

Save these instructions and other documents supplied with this Pump for future reference. The electric motor has been designed for 230V and 240V only. Always check that the power supply corresponds to the voltage on the rating plate.

**NOTE:** This Pump is earthed in accordance with AS/NZS 60335-2-41.

**NOTE:** The power outlet used for the Garden Pump must be protected by a 30mA residual current device or earth leakage circuit breaker. If the power outlet is external, ensure that it is weather proof. If the supply cord is damaged, it must be replaced by an electrician or a power tool repairer to avoid a hazard. The Garden Pump has a built-in thermal protection overload switch. The Garden Pump stops if an overload occurs. The motor restarts automatically after it has cooled down.

**Using an Extension Lead**

Always use an approved extension lead suitable for the power input of this product. Before use, inspect the extension lead for signs of damage, wear and ageining. Replace the extension lead if damaged or defective. When using an extension lead on a reel, always unwind the lead completely. Use of an extension lead not suitable for the power input of this product or which is damaged or defective may result in a risk of fire and electric shock.

**NOTE:** It is recommended where possible to avoid using extension cords as this can result in a voltage drop which could result in overheating of the motor or a loss of power.
Congratulations on the purchase of your FERREX® 1100W Garden Pump. When you open your packaging, first remove all items and check there are no parts damaged or missing. If you find anything wrong, do not operate the product until the parts have been replaced or the fault has been rectified. Failure to do so could result in serious personal injury.

**CAUTION.** Carefully read through this entire instruction manual before using your new FERREX® Garden Pump.

Take special care to heed the Cautions and Warnings.

Your FERREX® Garden Pump has many features that will make your job faster and easier. Safety, performance, and dependability have been given top priority in the development of this Garden Pump, making it easy to maintain and operate.

**IMPORTANT INFORMATION.**

**Note:** First time users or inexperienced operators pay particular attention to the operation of the Garden Pump, including details of preparing for set up on pages 12-23, priming and starting on pages 23-25, and operation modes on pages 26-33.

**Intended use of the 1100W Garden Pump**

**NOTE:** This product is for private domestic DIY use only. It is not suitable for commercial or trade use. This Garden Pump has been designed for pumping water in home domestic applications.

**WARNING:** This is NOT a submersible pump. It should not be immersed in water.

**Contents of carton**

- 1 x 1100W Garden Pump
- 1 x Plastic Spanner
- 1 x 19mm straight hose outlet adaptor
- 1 x 3/4” BSP (24mm) threaded outlet adaptor
- 1 x Instruction Manual
- 1 x Warranty Certificate
Parts List

1. Water filler cap
2. Coarse filter
3. Non-return valve
4. Handle
5. Pressure outlet *
6. Intake port (Connects to the water to be transferred. This connection requires 1” BSP fittings)
7. Water intake screw
8. Plastic Spanner
9. LCD Display screen
10. 19mm straight hose outlet adaptor** (Screws into the pressure outlet (5) to connect to a hose fitting to transfer water. Referenced as #10 throughout manual.
11. 3/4” BSP (24mm) threaded outlet adaptor** (Alternative outlet. Screws into the pressure outlet (5) to connect to 3/4” BSP. All extra fittings must be 3/4” BSP). Referenced as #11 throughout manual.
12. Power cord
13. Teflon tape (not included) (for use on external fittings. Available at most leading hardware or plumbing stores)

* IMPORTANT: Only use the outlet adaptors supplied.
** Both (10) and (11) can be used on the intake port (6), however, one must be used on the pressure outlet (5).
Preparation

Suitable applications for intended use of the 1100w garden pump

- Irrigation and watering green areas, vegetable beds and gardens.
- Operation of lawn sprinklers.
- For drawing water from ponds, streams, rainwater butts, rainwater cisterns and springs for supplying service water.
- For pumping of clear water (fresh water), rainwater to your garden and other non drinking domestic applications, or light suds / service water.
- Domestic rainwater tanks.

Unsuitable applications for the 1100w garden pump

- This garden pump is not designed for, and is not suitable for use in swimming pools, spa’s or any similar conditions. Do not use in these applications.
- This is NOT a submersible pump. It should not be immersed in water.
- The pumping of aggressive liquids (acids, alkalis, silo seepage etc) as well as liquids with abrasive substances (sand), must likewise be avoided.
- Do not use the equipment to pump flammable, gaseous or explosive fluids.
- This garden pump is not designed to transfer drinking water.
- The maximum temperature of the fluid must not exceed 35 degrees celsius if the equipment is being operated permanently.

This equipment is to be used only for its prescribed purpose. Any other use is deemed to be a case of misuse. The user / operator and not the manufacturer will be liable for any damage or injuries of any kind caused as a result of this.

NOTE: Our equipment has not been designed for use in commercial, trade or industrial applications. Warranty will be voided if the machine is used in commercial, trade or industrial businesses or for equivalent purposes.
Connection of the garden pump to mains power

**WARNING:** Do NOT connect the pump to the mains power supply until all other connections to the water supply are complete and perfectly sealed (Fig A).

It is recommended that the pump be installed with an approved RCD - Residual Current Device (not supplied), of 30mA or less (Fig B).

The pump should not be turned on until it is prepared for priming with water as per the process on page 23-25 is complete.

The pump should only be connected to a 230-240Vac ~ 50Hz power outlet with a minimum rating of 10 Amps.
1100W garden pump representation of typical installation layout (Fig C)

Plug into the mains power using, in conjunction with, an RCD (Residual Current Device) as suggested.

- **Max pumping height**: 42m
- **Max suction depth**: 7m
- **Pressure Outlet**: (Max height of 42m)
  - Where water is to be transferred to.
- **Intake Valve**: (Min of 150mm* under water)
  - Where water is to be transferred from.

* This figure is indicative due to the variation of applications/use.
Connecting the outlet adaptors to the garden pump, then to the water supply

This garden pump is supplied with two water outlet fittings. **One of the adaptor fittings (10 or 11) must be used on the pressure outlet (5) when setting up and using this garden pump (Fig D).**

DO NOT purchase any other outlet fitting and attempt to fit into the pressure outlet (5) of the garden pump as this will damage the pump’s operational sensor.

The following detail is a guide to some basic assembly applications as there are numerous different combinations which can be assembled, depending on the various applications.
Connecting the outlet adaptors to the garden pump, then to water supply cont.

Basically, there are two types of ways to connect to the pump; the intake port (6) and the pressure outlet (5).

Each of these can be connected either with a normal hose or with direct plumbing.

A hose connection means the intake or outlet of the pump is fitted with a hose connection fitting; one is the supplied 19mm straight hose outlet adaptor (10), or the connection is directly plumbed using threaded pipes; one threaded fitting is also the supplied ¾” BSP (24mm) threaded outlet adaptor (11).

Again one of the alternative two supplied fittings (10&11) MUST be used on the pressure outlet (5) connection of the pump.

Additional outlets are available from your plumbing or hardware stores to connect to other threads, however, they MUST BE CONNECTED to the pump via the supplied ¾” BSP (24mm) threaded outlet adaptor (11).

# 10: A 19mm straight hose outlet adaptor: This is a straight fitting which threads into the pressure outlet (5) of the pump and allows a direct/vertical connection with a poly pipe type hose.

# 11: A ¾” BSP threaded outlet adaptor. This adaptor screws directly into the pressure outlet (5) of the pump and provides a ¾” BSP female threaded outlet where you, the user, can purchase and adapt your own plumbing to threaded connections, or directional fittings for poly pipes or hoses.
Connecting the pressure outlet fitting  
(Where water is to be transferred to)

The following detail is a guide to some basic assembly applications as there are numerous different combinations which can be assembled, depending on the various applications.

Using the supplied 19mm straight hose adaptor (10), this fitting is used on the pressure outlet (5) (Fig E/F).

Connection using 3/4” BSP (24mm) threaded outlet adaptor (11)

Using the 3/4” BSP (24mm) threaded outlet adaptor (11) supplied, this fitting can be used on the pressure outlet (5) as shown in Fig G/H/I/J.
Increasing the thread from ¾” BSP to 1” BSP:

Or to use any other larger threads, you need to purchase a ¾” BSP male increasing nipple. The nipple needs to have a male ¾” BSP thread so it will enter the fitting supplied with the pump but the other end can be either male or female, depending on the application you require. You can continue to add further adaptors to increase the thread size.

Fig K is a basic guide. The final fittings you purchase will depend on the connection to your application.

Decreasing the thread from ¾” BSP to a smaller thread type:

ie. ½” BSP, you need to purchase a reducing nipple. Again, the nipple must have a male ¾” BSP thread so it will enter the adaptor supplied with the pump. On the other end it can be either a male or female thread. The pic shows the nipple with a female thread to accept smaller fittings as shown in Fig L.

* Additional fittings NOT supplied with this garden pump.
1100W Garden Pump

Fitting and using the supplied 19mm straight hose outlet adaptor (10).

(The following details are a guide to the pressure outlet (5) applications)

1. This fitting is used where the pump will be fitted to a 19mm poly pipe in a vertical direction. Remove the protective cover on the thread of the outlet of the pump.
2. Making sure the “O” ring is fitted to the shoulder of the outlet fitting, thread the fitting into the outlet of the pump sufficient to compress the “O” ring firmly (Fig M).
   NOTE: Teflon tape is NOT required on the thread.
3. Fit a clamp onto the poly pipe hose and push the hose fully over the spigot of the outlet fitting.
4. Reposition the hose clamp over the length of pipe over the fitting and tighten securely.

* Additional fittings NOT supplied with this garden pump.
Fitting and using the supplied 3/4” BSP threaded outlet adaptor (11).

This fitting is used to connect the output of the pump to various hard plumbed threaded applications or hose fitting applications. The outlet of the adaptor is ¾” BSP. Many variations of threads and fittings can be purchased from your local hardware / plumbing store to suit the application required.

Adaptors, reducing nipples and elbows are all available from most hardware / plumbing stores and starting off with a ¾” BSP male fitting will get you started.

The following is a guide for the use of the adaptor.

- Remove the protective cover on the thread of the outlet of the pump.
- Making sure the “O” ring is fitted to the shoulder of the outlet fitting adaptor, thread the fitting into the outlet of the pump sufficient to compress the “O” ring firmly (Fig N).

**NOTE:** Teflon tape is NOT required on the thread of the adaptor into the pump.

You now need to determine if your plumbing requirements are ¾” BSP or larger.

**ALSO NOTE:** Teflon tape (13) (not supplied) should be applied to all other threaded connections on the outlet side of the adaptor provided.

* Additional fittings as shown in pictures are NOT supplied with this garden pump.
Using the adaptor with additional fittings.

Using with pipe work at 3/4” BSP. For the 3/4” BSP adaptor outlet, you need to purchase a 3/4” BSP male fitting, being either an elbow or straight nipple so as to enter the adaptor. The other end of the fitting you purchase will need to match the threaded pipe you are connecting to (Fig O).

OR you may use a fitting to connect directly to a poly pipe in a horizontal position (Fig P).

Pressure line connection.

IMPORTANT: ONLY use either of the two adaptors (10 & 11) supplied with the pump for a pressure line connection.

DO NOT purchase any other fitting and attempt to screw directly into the pump.

Other purchased fittings can ONLY be screwed directly into the 3/4” BSP threaded outlet adaptor (11) provided.

1. The pressure line* (should be at least 19mm) must be connected to the pump’s pressure outlet (5) either directly or via a threaded nipple using the supplied adaptors only.

2. The 19mm straight hose outlet adaptor (10) will accept a 19mm hose. The threaded 3/4” BSP (24mm) threaded outlet adaptor (11) will accept pipe fittings with a 3/4” BSP (24 mm) thread, either for hard plumbing or hose applications.

3. A 13 mm (1/2”) pressure hose* can also be used with the appropriate screw connections, but this will only reduce the flow rate.

* Additional fittings as shown in pictures are NOT supplied with this garden pump.
Connecting to the intake port (6) (Where water is to be transferred from)

The Intake connection is to be connected to your water supply via various connections (not supplied). An example set up is shown here (Fig Q).

The intake port (6) of the pump is 1” BSP. So to purchases of any fittings for the intake port (6) of the pump, the threaded fitting is required to be 1” BSP. This is shown as number 6 on page 10.

For the intake port (6), purchased fittings can be used directly into the intake port (6) of the pump.

The fitting supplied which is not being used on the pressure outlet (5) can be used on the intake port (6) if required, however it is critical one of the supplied fittings is used into the pressure outlet (5) of the pump.

Extra fittings can also be purchased from our online spare parts store.

Description NOTE: Teflon tape (not supplied) is applied to all fittings requiring tape for correct assembly.

Connecting the intake hose / suction pipe.

1. Screw an intake hose* minimum of 19mm diameter hose preferably spiral re-inforced. This may be directly, or with a threaded nipple to the pump’s intake port (6) (1” BSP).

2. The intake hose* should rise from the water pick-up point up to the pump. Always avoid laying the intake line higher than the pump as this will cause air bubbles in the intake line which will delay and hinder suction (Refer previous Fig C).

3. The intake and pressure lines* must be attached in such a way that they do not place the pump under any mechanical strain.

4. If the intake line* is not air-tight the intake of air will hinder the intake of water.

* Additional fittings are NOT supplied with this garden pump.
Purchased components for plumbed inlet:
Figures R & S show the components for the plumbed threaded inlet for a non pressure connection.
The fitting supplied which is not being used on the pressure outlet (5) can be used on the intake port (6) if required, HOWEVER, it is critical one of the supplied adaptor fittings (10 & 11) is used into the pressure outlet of the pump (5).

Preparing your pump for operation for the first use.

NOTE: Ensure the unit is NOT connected to the mains power when undertaking this task (Fig A).

NOTE: During the priming process if your pump is connected to a tap, ensure the tap is open (Fig T).

Once the preparation of the pump is complete, you are ready to prime the pump.

Preparing to prime your garden pump

The objective/process of priming your pump is to remove air from the system.
1. Set up the pump on flat and firm ground (refer Fig C).
2. Using the spanner (8), unscrew the clear water filler cap (1) (Fig U) and remove the coarse filter (2) together with the non-return valve (3) (Fig V/W).

NOTE: If the filter and non-return valve does not lift out of the pump, remove the water intake screw (7) (Fig X) and gently push the non return valve (3) upward using the end of the supplied spanner (8) (Fig Y).
Replace the water intake screw (7) at the bottom now before proceeding.

**NOTE:** Ensure the water intake pipe is submerged in the water which needs to be transferred.

3. Fill the pump housing with water. This accelerates the priming process (Fig Z).

4. Priming is complete when air is expelled from the system & / or the unit is filled with water to the level reaching the bottom of the intake pipe (Fig AA shows external view, and birds eye view of water level required).

5. Re-assemble by inserting back the coarse filter (2) and non return valve (3) (Fig AB) ensuring it is secure in position, then secure the water filler cap (1) using the spanner (8) (Fig U).

**Priming your garden pump**

Once the preparation of the pump is complete, you are ready to prime the pump.

1. Connect the pump to the mains power supply in conjunction with an RCD (Residual Current Device) as suggested, and turn on the mains power (Fig AC).

2. Press the “MODE” button once, and your pump will begin to operate (Fig AD).

3. Depending on the suction height (distance between pump and the water), and the amount of air remaining in the intake line, priming has begun and will take between 10 seconds to 1 minute.

4. If the pump fails to prime, it will need to be re-filled with water, as per the detail in the previous section.
5. The pump is primed and ready to operate correctly when the water flows continuously without any air splutter.

6. To stop the pump, either turn off the pump at the mains power, or press the “MODE” button 4 times (Fig AE) which will put the pump into power on mode.

You are now ready to select your pumps operational mode.

**NOTE:** If the pump is to be un-installed after the initial installation, it must always be re-primed when it is re-installed and used again.
Operating your Pump

This garden pump has 4 operating modes which can be selected by using the LCD display screen (9) with the “MODE” button (Fig AF).

Selecting the appropriate mode for your application:

You can select one of the four operating modes using the “MODE” button on the LCD display screen (9).

The modes are explained here in the same order of the number of times you press the “MODE” button. i.e Press “MODE” button once you get “Automatic” mode etc; the fourth time pressed you will return to the “Power on” mode.

<table>
<thead>
<tr>
<th>PRESS MODE BUTTON TO SELECT MODES</th>
<th>DISPLAY WILL SAY</th>
<th>PUMP ACTION</th>
<th>IMAGE REFERENCE</th>
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<tr>
<td>TURN ON POWER AT MAINS</td>
<td>Power On</td>
<td>Pump Off</td>
<td>Fig AH</td>
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<tr>
<td>Press MODE button 1 X</td>
<td>Automatic Mode</td>
<td>Pump Starts</td>
<td>Fig Al</td>
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<tr>
<td>Press MODE button 2 X</td>
<td>Timed Mode</td>
<td>Pump Off</td>
<td>Fig AL</td>
</tr>
<tr>
<td>Press MODE button 3 X</td>
<td>Timed Mode Not set</td>
<td>Pump Off</td>
<td>Fig AL</td>
</tr>
<tr>
<td>Press MODE button 4 X</td>
<td>Ever-On Mode</td>
<td>Pump Starts</td>
<td>Fig AT</td>
</tr>
<tr>
<td>Press MODE button 5th Time</td>
<td>Returns to Power On</td>
<td>Pump Off</td>
<td>Fig AH</td>
</tr>
</tbody>
</table>
Power on

When you turn the power on at the mains power (Fig AG), your pump is ready to choose an operating mode.

There is no need to press any buttons on the LCD display screen. The pump is in power on mode (Fig AH). Power is connected and there is no pumping action or flow.
**Mode 1: Automatic**

In this mode the pump will turn off when your tap is turned off and re-start when the tap is turned back on, hence an automatic operational response. To select automatic mode, press the “MODE” button once. The screen will show that you are in automatic mode (Fig AI).

When the tap is turned on, the screen will show a “PL” indicating the pump is drawing water.

When the tap is closed, the screen will indicate a “P”.

![Diagram showing Automatic Mode](image)

![Diagram showing Automatic Mode (PL and P)](image)
Mode 2: Timed

This pump uses a 24 hour clock (morning am - 0-12:00, pm being 12:01 - 24:00)

In this mode, you can set the garden pump to start and finish at particular times of the day. This mode sets a time for operation of the pump on consecutive days continuously. The time can only be set for 1 period per day, which is the same time every day.

To use the time mode, the operator must set the NOW time (time of the day) and also the ON and OFF for the pump. When setting the times, if no entry is made in 10 sec the display will return to the time mode initial screen. Simply start the procedure over if you miss the 10 second limit.

Using and setting the time function

1. To select Timed mode Turn on Power Press “MODE” button twice.
   The Display will now say “Time Mode” (Fig AL).
   The Display will change after 3 seconds to show “TIME NOW” (Fig AM)
   You will now have 10 seconds to enter your “NOW” time with the 3 buttons now reflecting:
   Save = “CHECK”,
   Set = “SET”,
   Exit = “MODE”

   If no entry is made in 10 seconds, the display will show “Time Mode, NOT SET” (Fig AL).
2. Press the “SET” button. The display will change where the hour digits “00” will flash and the display will show the “MODE” button is “–” and the set button is “+”.

To adjust the hour press “+” until your requested hour is correct, then push the “CHECK” button which is now on the screen indicated as “NEXT” (Fig AN)

Now the screen will reflect “minutes” and digits flash and the “MODE” and “SET” buttons are again used to adjust the time. When you get to the minutes you need to press the “CHECK” button, which is shown on the screen as “NEXT”. The display will show “TIME ON 12.30” (Fig AO).

3. Now you need to set the time of day you want the unit to come on at; being the “ON TIME”. Press the “SET” button and then use the “SET” for “+” and “MODE” for “–” buttons and repeat setting the on time the same as for setting the “NOW” time.

When the “ON TIME” setting is complete press the “CHECK” button which is shown as “NEXT”. The display will show “Time Off 12.30” (Fig AP).

4. You now have to set the time the pump will turn off.

Again press the “SET” button and then use the “SET” for “+” and “MODE” for “–” buttons and repeat setting the OFF time the same way as for setting the NOW time.

When the off time setting is complete press the “CHECK” button which is shown as “NEXT”. The display will now show the pre set times you chose for approx. 3 seconds (Fig AQ).
5. Then the display will change to say that the pump is now in time mode and the NOW time will be displayed (Fig AR).

6. The pump will operate in “TIMED” mode now in the pre set time. Every day unless it is cancelled by turning the power off or the mode of the pump is changed from time mode. If the power remains uninterrupted, the pump will store your time continuously and operate at these times every day.

7. If the mode of the pump is changed from time mode to any other mode, the pump will require the times to be re-confirmed before the pump will operate in time mode again.

   If the pump has not been disconnected from the power, the pre-set times are still entered and retained in the pump. However, they need to be confirmed if the time mode needs to be operated again.

8. To re confirm, using the “MODE” button, change the mode of the pump to Time mode. When the screen shows “TIME NOW” and the time is shown, if the time is correct, press the “CHECK” button as marked “Save” (Fig AS).
9. If the time is not correct press the “SET” button and alter the time using the “SET” for “+” and “MODE” for “–” buttons and follow the details for setting the “TIME NOW” per previous instruction.

10. When the save button is pressed if the time is correct, or the next button is pressed after the minutes were altered, the display will show the “TIME ON”. If the time on is correct, press “save” OR alter the time by pressing the “SET” button and reset the ON time per previous instruction.

11. When the save button is pressed if the time is correct, or the next button is pressed after the minutes were altered, the display will show the “TIME OFF”.

12. If the time off is correct, press save OR alter the time by pressing the “SET” button and reset the OFF time per previous instruction (Fig AP). The display will then show the pre set times for approx. 3 seconds and then display the pump is in time mode and the “NOW” time will be displayed (Figures AQ / AR).

Alternatively to reconfirm you can turn the mains power off and start over as per a new set up as all details are lost when power is cut to the pump.
**Mode 3: Ever on mode**

In this mode, your pump will run continuously.

To select Ever on mode, press the “MODE” button from “Power On” 4 times. The screen will show “Ever-On Mode” (Fig AT).

**IMPORTANT:** Never let the pump run dry or operate without drawing water.

There is a Danger of overheating and burning out the pump.

![Image of Ever-On Mode screen]

**Changing between modes**

Each time you press the “MODE” button, the pump will move to the next mode (1-4).

When the “MODE” button is pressed a 5th time, the “mode will return to Mode 1.
Cleaning the coarse filter

It is recommended to clean the coarse filter (2) approximately every 3 months or where the water being pumped is subject to any types of dirt or debris, clean more frequently i.e weekly or daily.

When the coarse filter is becoming clogged, the output of the pump will be reduced indicating the pump filter needs cleaning. DO NOT run the pump without the coarse filter (2) fitted.

1. Remove the water filler cap (1), using the large plastic spanner (8) supplied (Fig U).
2. Remove the coarse filter (2) and the non-return valve (3) by lifting the filter out. The non-return valve (3) is clipped onto the coarse filter (2). The assembly should remove as shown in the Fig W.
3. If the coarse filter (2) and non-return valve (3) does not lift out of the pump, remove the water intake screw (7) and gently push the coarse filter (2) upward using the end of the supplied spanner (8) (Fig Y).
4. Ensure there are no blockages in the filter.

   Once any blockages are cleared return the filter assembly back into the unit.

**NOTE:** A blocked coarse filter (2) will reduce the life and performance of your pump.
WARNING: Ensure the Garden Pump is disconnected from the mains power supply before undertaking any maintenance.

To ensure a long service life, we recommend regular checks and care of your Pump.

• After long stoppages, make sure the rotor turns correctly by briefly switching the pump on and off.

• If the pump is not going to be used for a long time or has to be removed for the winter months, rinse it out with water, empty it completely and allow it to dry. The external housing of the garden pump can be cleaned using mild soapy water and a cloth. Do not use detergents.

• If there is a risk of frost, the Pump needs to be emptied completely and dry.

• If the Pump becomes blocked, remove the outlet fitting and remove the blockage if possible. If the blockage is on the input side, the screws retaining the base can be removed to remove the base and cover. Clear the blockage from the impellor. Then replace the cover and base and the assembly screws.

NOTE: DO NOT separate the lower and upper housing of the Pump.

• Before using the Garden Pump, always inspect it visually. Do not use the Pump if it is cracked and/or damaged. If the Garden Pump is damaged, contact customer service.

• Make sure that electrical connections are protected from inundations.

• Protect the plug and the power cable from heat, oil or sharp edges and away from water and moisture.

• If damaged, the power cable must be replaced by a qualified electrician.

• If the supply cord is damaged, it must be replaced with a special cord or assembly, available from the manufacturer or service agent.
Replacing the mains cable

**WARNING:** If the mains cable is damaged, IMMEDIATELY turn OFF the power supply and remove the 220 - 240V plug from the socket.

If the supply cord is damaged, it must be replaced by an electrician with a special cord or assembly available from the manufacturer or service agent.

---

**Storage and Transportation**

Ensure you store your Garden Pump and accessories out of children's reach in a dark and dry place at above freezing temperature. The ideal storage temperature is between 5° and 30° C.

For transporting the pump it is recommended to put it back inside its original packaging (or the like), to prevent any damage during transit.

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**Environmental protection**

Recycle unwanted materials instead of disposing of them as waste. All tools, hoses and packaging should be sorted, taken to the local recycling centre and disposed of in an environmentally safe way.
Warranty

Your new FERREX® 1100W Garden Pump will more than satisfy your expectations. It has been manufactured under stringent FERREX® Quality Standards to meet superior performance criteria. You will find your new Garden Pump easy and safe to operate, and, with proper care, it will give you many years of dependable service.

CAUTION. Carefully read through this entire instruction manual before using your new FERREX® Garden Pump.

Take special care to heed the Cautions and Warnings.

Your FERREX® Garden Pump has many features that will make your job faster and easier. Safety, performance, and dependability have been given top priority in the development of this Garden Pump, making it easy to maintain and operate.

Use only FERREX® replacement parts for your product. Non-conforming parts or modifications made to parts will void your warranty.

What your 5 year warranty means

Great care has gone into the manufacture of this product and it should therefore provide you with years of good service when used properly.

In the event of product failure within its intended use over the course of the first 5 years after the date of purchase, we will remedy the problem as quickly as possible once it has been brought to our attention. In the unlikely event of such an occurrence, or if you require any information about the product please contact us via our after sales support services, details of which can be found in this manual and on the product itself.

After Sales Support TEL: 1300 889 028
Service support
If you are having difficulty in using your product, you can find instructional Know How videos on our website, https://help.tools/ by clicking on the Product Assistance tab > How To product Videos.

If you have any issues with the operation of your product, please take it with a copy of your receipt to one of our National Service Agents for repair or call us 1300 889 028 for advice.

A listing of our Service Agents is included with your product, however, you can also find our most updated listing on our website https://help.tools/ by clicking on the Service Agent link.

Accessories and after sales parts
The following accessories are available for purchase by visiting https://help.tools/ or calling our customer service hotline on: 1300 889 028.

1. Residual Current Device
2. 12699-Adaptor A – 19mm straight hose outlet adaptor
3. 12699-Adaptor B – ¾” BSP (24mm) threaded outlet
4. 12699-CF - Coarse Filter
5. 12699-NRV – Non return valve
6. 12699-CFNRV – Coarse Filter + non return valve

If you have any queries regarding these accessories or other spare parts, please call us on our Customer Support Line - 1300 889 028.
## Troubleshooting

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible Cause</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motor fails to start.</td>
<td>No mains supply.</td>
<td>Check power point is turned on.</td>
</tr>
<tr>
<td></td>
<td>Check display for mode.</td>
<td>Check mains fuse or circuit breaker.</td>
</tr>
<tr>
<td></td>
<td>In Ever run mode.</td>
<td>Check power point with another working appliance.</td>
</tr>
<tr>
<td></td>
<td>In Automatic Mode.</td>
<td>If power point is working, and no display on pump, take pump to service centre.</td>
</tr>
<tr>
<td></td>
<td>In time mode.</td>
<td>Change mode to Ever run mode to ensure pump is operating.</td>
</tr>
<tr>
<td></td>
<td>Internal Thermal Cut out.</td>
<td>Take to service centre.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Open outlet tap to ensure full flow.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Take to service centre.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Reset time function.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Take to Service centre.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>If pump has been running continually disconnect and leave for 20 minutes and then retry.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Take to service centre.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Check the outlet tap is open.</td>
</tr>
<tr>
<td>No water intake.</td>
<td>Intake water line not in water.</td>
<td>Check the intake hose.</td>
</tr>
<tr>
<td></td>
<td>Pump has not been primed correctly.</td>
<td>Lower the intake further into water.</td>
</tr>
<tr>
<td></td>
<td>Air on intake side of pump.</td>
<td>Remove filter and non-return valve and fill pump with water. Reassemble.</td>
</tr>
<tr>
<td></td>
<td>Intake valve not sealing.</td>
<td>Check the fitting into the pump and connection. Must be fully sealed.</td>
</tr>
<tr>
<td></td>
<td>Intake filter restricted.</td>
<td>Check the intake hose has not collapsed or has been split.</td>
</tr>
<tr>
<td></td>
<td>Suction height.</td>
<td>Remove filter and non-return valve.</td>
</tr>
<tr>
<td></td>
<td>In Automatic Mode.</td>
<td>Clean filter and valve and replace.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Replace if these parts are damaged or cannot be cleaned.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Check the suction height of the intake hose. It must not exceed 7 metres.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Check the outlet tap is open.</td>
</tr>
</tbody>
</table>

**1100W Garden Pump**

1300 889 028  
(toll free)

e-mail: info.aldi@positecgroup.com  
MODEL: Nº. GFP1101 • 01/2020 • 12699
<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible Cause</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inadequate output.</td>
<td>Suction height.</td>
<td>Check the suction height of the intake hose. It must not exceed 7 metres.</td>
</tr>
<tr>
<td></td>
<td>Check the filter.</td>
<td>Clean or replace.</td>
</tr>
<tr>
<td></td>
<td>Check intake hose is in water.</td>
<td>Check the intake hose is deep enough and air is not being drawn in.</td>
</tr>
<tr>
<td></td>
<td>Check the height of the outlet.</td>
<td>Must not exceed 42M.</td>
</tr>
<tr>
<td></td>
<td>Check hose diameter and length.</td>
<td><strong>NOTE:</strong> The higher the outlet, the flow is less.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Hoses / pipes should be min 19mm or performance will be reduced.</td>
</tr>
<tr>
<td>Pump cycles on &amp; off in Automatic Mode.</td>
<td>Leak in pipe work.</td>
<td>A small leak is sufficient to cycle the pump. Check ALL plumbing.</td>
</tr>
<tr>
<td></td>
<td>Damage to sensor.</td>
<td>Check one of the supplied fittings are used on outlet of pump.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Take to service centre.</td>
</tr>
<tr>
<td>Pump constantly needs priming.</td>
<td>Non-return valve.</td>
<td>Remove and check the non-return valve.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Clean or if damaged, replace.</td>
</tr>
<tr>
<td>Water flows through pump when pump is off in</td>
<td>Check height of water inlet.</td>
<td>Water pressure on inlet must not exceed 0.5PSI or 0.4 metres in height.</td>
</tr>
<tr>
<td>time mode.</td>
<td></td>
<td>Increase the height of the mounting of the pump to achieve the above.</td>
</tr>
</tbody>
</table>
## Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>220-240V~50Hz</td>
</tr>
<tr>
<td>Input watts</td>
<td>1100 W</td>
</tr>
<tr>
<td>Delivery capacity max</td>
<td>3600 l/h</td>
</tr>
<tr>
<td>Delivery height max</td>
<td>42 m</td>
</tr>
<tr>
<td>Pressure max</td>
<td>4.2 bar (0.42 Mpa)</td>
</tr>
<tr>
<td>Max suction height</td>
<td>7 m</td>
</tr>
<tr>
<td>Pressure / connection</td>
<td>19 mm hose or 3/4” BSP</td>
</tr>
<tr>
<td>Water temperature max</td>
<td>35 °C</td>
</tr>
<tr>
<td>Suction connection</td>
<td>1” BSP</td>
</tr>
<tr>
<td>Protection type</td>
<td>IPX4</td>
</tr>
<tr>
<td>Product dimensions</td>
<td>445 x 240 x 320 mm (L x W x H)</td>
</tr>
<tr>
<td>Machine weight</td>
<td>10.1kg</td>
</tr>
</tbody>
</table>

This 1100W Garden pump complies with the following Standards:

**Safety:**
- IEC 60335-1
- IEC 60335-2-41
- AS/NZS 60335.1
- AS/NZS 60335.2.41

**EMC:**
- EN 55014-1
- EN 55014-2
- EN 61000-3-2
- EN 61000-3-3
ALDI guarantees that our exclusive brand products are developed to our stringent quality specifications. If you are not entirely satisfied with this product, please return it to your nearest ALDI store, within 60 days from the date of purchase, for a full refund or replacement, or take advantage of our after sales support by calling the supplier’s Customer Service Hotline.

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