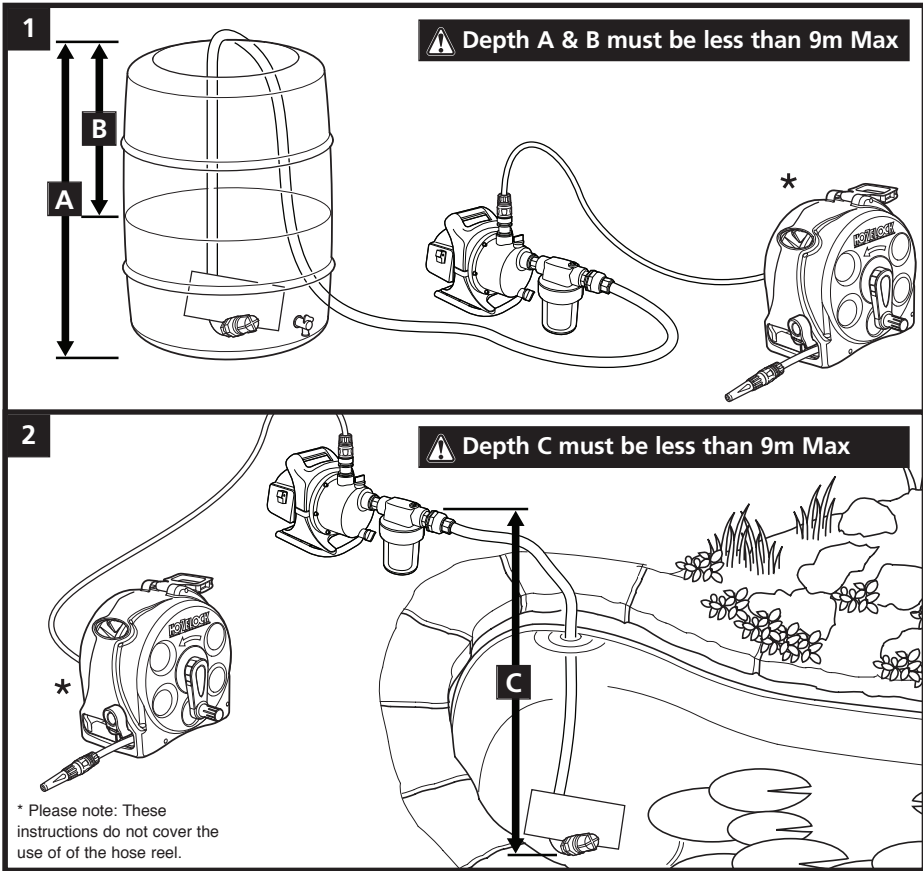


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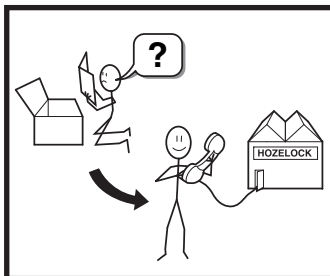
# HOZELOCK

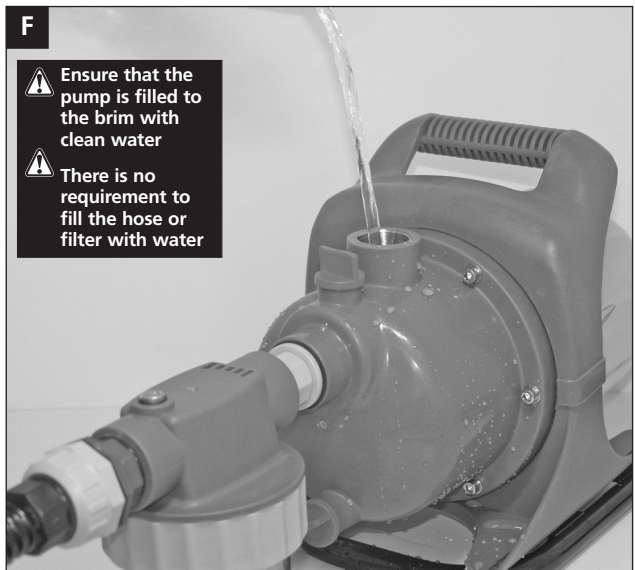
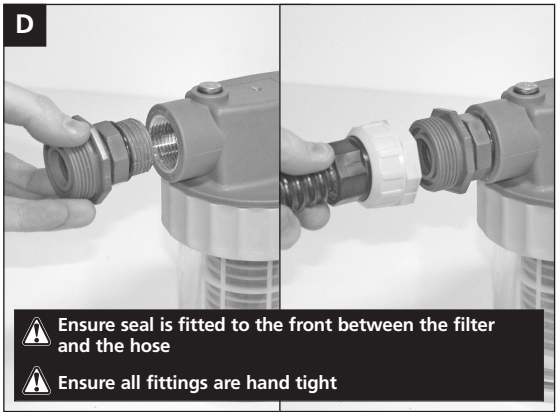
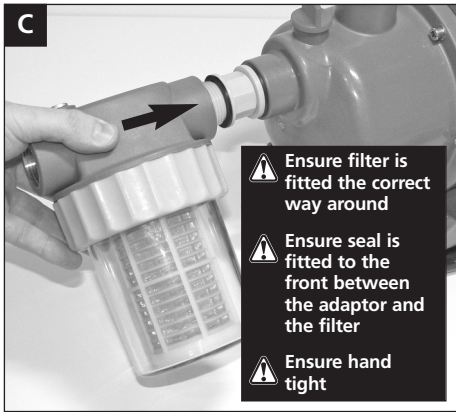
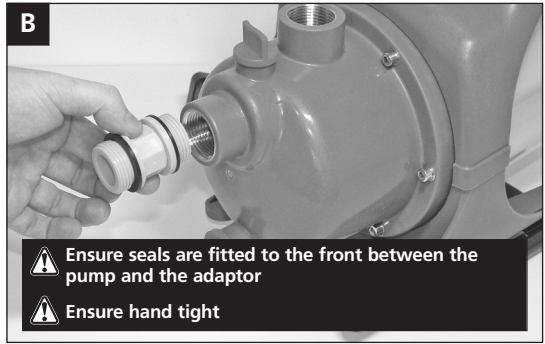
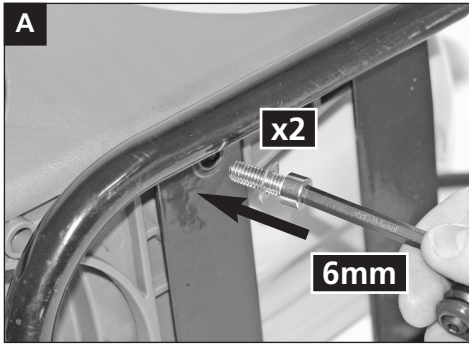
# GARDEN PUMP KIT

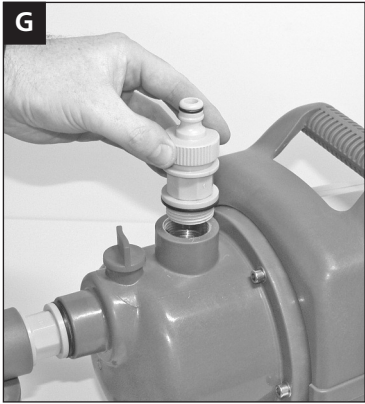


## HOZELOCK

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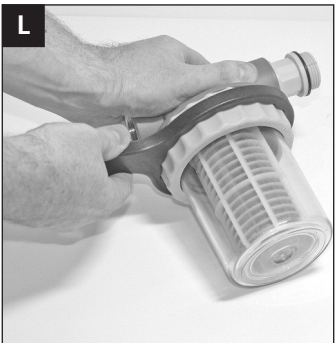
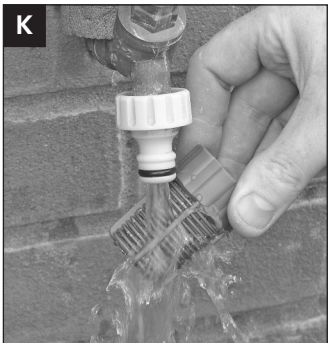








**⚠** The hose should be open i.e. the other end not blocked or closed with either a spray gun or water stop connector


**⚠** The pump will prime, this can be noisy and can take up to 5 minutes. It is complete when the pressure from the hose is steady and the noise is reduced





## General Safety

 High pressure water can be dangerous, always turn the power to the pump off before disconnecting the hose from the pump

 If the pump is running, and the water is prevented from flowing (eg. spraygun is in off mode) then the water inside the pump can become very hot. Never run the pump for more than 10 minutes without water flowing

 **Warning :** Read this manual carefully before installing this pump.

 This sign warns the user that failure to follow an instruction may damage the pump or the system

 This sign warns the user of important electrical safety information.

Carefully store this manual.  
If problems arise contact  
Hozelock customer services.

Every Hozelock Garden Pump  
is carefully tested and packed during  
assembly.

On receipt, check that the pump has not  
been damaged during transport. If the  
pump is damaged, do not use, and  
contact Hozelock customer services.


## Electrical Safety

Check that the voltage and frequency of pump shown on the rating label corresponds to those available on the mains.

 **ELECTRICAL INSTALLATION:**

 A 10MA OR 30MA RESIDUAL CURRENT DEVICE (RCD) MUST BE FITTED TO THE MAINS SUPPLY.


 PROTECT THE PLUG AND THE POWER CABLE FROM HEAT, OIL AND SHARP EDGES.


 DO NOT OPERATE THE PUMP IF IT HAS A DAMAGED POWER CORD OR PLUG. IF THE POWER CORD OR PLUG IS DAMAGED, IT MUST BE REPLACED BY A SUITABLY QUALIFIED PERSON IN ORDER TO AVOID A HAZARD.

 MAKE SURE THAT ELECTRIC CONNECTIONS ARE PROTECTED FROM WATER & SPLASHES

 THE INSTALLATION OF THE PUMP SHOULD BE ON A STABLE FLAT DRY SURFACE

 THE PUMP MUST NOT BE SUBMERGED

 THE POWER CABLE SHOULD HAVE A MINIMUM OF 3 CORE 0.75MM<sup>2</sup> SECTION EQUIVALENT TO THAT OF H05 RN-F. TO MAKE SURE THE PLUG IS PROTECTED FROM ANY SPLASHES, USE THE CABLE SUPPLIED TO CONNECT AS FAR AWAY FROM THE PUMP AS POSSIBLE

 BEFORE USING THE PUMP, ALWAYS INSPECT IT VISUALLY (ESPECIALLY THE POWER CABLE AND THE PLUG). DO NOT USE THE PUMP IF IT IS DAMAGED.

 NEVER USE THE POWER CABLE TO LIFT THE PUMP.

## Plug Wiring

### (UK and Ireland)

This product is fitted with a BS 1363 plug with a 5 amp ASTA approved fuse. If you have to replace the fuse, only those that are ASTA or BSI approved to BS 1362 and with a rated current of 5 amps should be used. If there is a fuse cover fitted, this cover must be refitted after changing the fuse. If the fuse cover is lost or damaged, the plug must not be used. Spare fuse holders and fuses are available from electrical outlets.

If the power supply cord or plug becomes damaged in any way, it should be replaced by a suitably qualified person. A replacement plug should be wired according to the following instructions.

**IMPORTANT:** This appliance must be earthed. As the colours of the wires in the mains lead of this product may not correspond with the colours or markings identifying the terminals in your plug, you should proceed as follows:



The wire that is coloured green & yellow must be connected to the EARTH terminal in the plug which may be marked with the letter E or coloured green or green & yellow or marked with the earth symbol ( $\perp$ ). The wire that is coloured blue must be connected to the NEUTRAL terminal which may be marked with the letter N or coloured blue or black.

The wire that is coloured brown must


be connected to the LIVE terminal which may be marked with the letter L or coloured brown or red.


**If in doubt, contact a qualified electrician.**


## Limitations


This pump can be used to:


Drive sprayguns, sprinklers and micro irrigation systems


 This pump should not be used with swimming pools where people can become immersed in water.


 This pump should not be used for table fountains / aquariums / fountains / filters for fish ponds / waterfalls


 The pump cannot be used for sea water & inflammable, corrosive, explosive or dangerous liquids.


 Do not run dry.

 The pump must be used with the filter supplied, this protects the pump from debris that may be present in the water. Failure to use the filter will invalidate the pump warranty.


 If the pump is not going to be used for more than one month or there is a risk of freezing, the pump, filter and hose should be drained.


 Pump performance depends upon the length and diameter of the outlet hose (watering hose), and the height that the water is pumped.

 The pump must not be used when people are in the water.


 The sprayer must not be used when people are in the water.



 Do not spray the outlet towards people or animals.

 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.

## Installation

 **Before installation, and whenever you are handling the pump, always disconnect from the electrical supply.**

To prevent injury, never put your fingers into the mouth of the pump.


- Use the handle provided to carry or lift the pump
- When used with a Water Butt for the first time, ensure the water butt is emptied and cleaned of all sediment, leaves and accumulated debris.

### Pump assembly :

**A** Attach the metal baseplate to the pump with the bolts and washers supplied


**B** Screw one of the yellow accessory adaptors to the inlet of the pump


**C** Screw the filter onto the adaptor.


 The arrow on the filter should point towards the pump.

**D** Remove filter adaptor from hose and attach the suction hose to the filter


**E** Ensure that the inlet to the suction hose is at least 150mm (6") under the surface of the water. If required weight the end of the hose using a brick.

 It is critical that all the seals are present and that all the joints are airtight.

 There should be no elbows or kinks in the suction hose as this will affect performance.


 The installation should be consistent with the limitations as shown in diagrams A & B on the cover of this booklet.

**F** Fill the pump chamber to the brim with tap water using a watering can.

 The Hozelock garden pumps are self priming, therefore they can be primed without filling the suction pipe or filter.

**G** Attach the outlet connector to the outlet of the pump.


**H** Connect the garden hose to the outlet, ensuring that the other end of the garden hose is open and that it will be free to drain when the pump is turned on.


 Ensure that the suction hose is under the surface of a suitable water reservoir (water butt etc.).

**I** Plug the pump into a suitable power supply.

**J** When the power is turned on, the pump will start the priming process. This operation can take several minutes. During the priming process the pump is pumping a mixture of air and water, this drastically reduces the performance of the pump and is very noisy.

**K** When the pump is primed and ready to use, the noise reduces and the flow and pressure are maximised.

 If any of the seals or fittings are missing, overtightened or loose the pump will not prime.

 If the pump does not prime after 5

minutes - stop and repeat steps 6 to 10.

### TO CONNECT TO AN IRRIGATION SYSTEM:

- For use with hoses and hose reels add a 2166 hose connector (available separately) .

## Overload protection

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

## To start the pump

- Insert the plug into a 220-240v A/C socket.

## Maintenance



**Make sure that the pump is disconnected from the electric power supply before performing any maintenance.**

If pump performance drops it may be because the two filters in the kit have become clogged, and require cleaning.

- K** Regularly check the coarse filter on the end of the suction hose, and clean if required. After checking or cleaning the pump, reprime, see steps F-J.

Regularly check fine filter fitted prior to the pump, and clean if required.

- L** Use the large plastic spanner supplied to loosen large yellow locking nut.
- M** Remove cup and filter, clean under a tap. Do not scrub.  
Reassemble, and make sure the nut

is tightened securely - use spanner provided.

## Pump storage

- Disconnect hose and loosen bottom red nut and allow to drain.
- Store the pump in a dry place and protect from frost.

# Troubleshooting

Problem	Possible Cause	Remedy
The pump does not pump water and the motor is not running	No electricity	Check that the electricity supply is turned on and that the pump is correctly plugged in
	Plug inserted incorrectly	
	Circuit breaker is tripped	Reset electricity supply. If the circuit breaker trips once more contact a specialised electrician
	Damaged motor	Contact Hozelock customer services for assistance
The pump supplies a limited amount of water or the pump does not pump water, and the motor is running, even after several minutes the pump is still noisy	Pump has overheated	Pump contains thermal protection - check if pump case is hot, and if so, allow to cool
	Pump full of air	Unplug from the electricity supply
	Pump is not primed	Repeat priming process - follow steps 6 -10
	Obstructed inlet	Check inlet is under surface of water, inlet filter is clean, and inlet hose is not kinked or damaged
	Obstructed pipe/outlet	Remove obstructions in inlet hose or kinks
Worn impeller	Contact Hozelock customer services for assistance	



# Troubleshooting

Problem	Possible Cause	Remedy
The pump works only intermittently	The temperature of the fluid is too high	⚠ Only use with fluids below 35°C
	Fluid too dirty	Empty and clean the water butt, refill with fresh rain/tap water
	Faulty motor	Contact Hozelock customer services for assistance
Water is leaking from the outlet of the pump	Inlet assembly not tight enough	Tighten
	Hozelock connector not correctly attached	Re-attach Hozelock connector





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**Hmax: 35m (3.5 bar)**  
**Max Suction: 9m**  
**Qmax: 3000LPH**

Motor: 230v-50Hz 500W 2.2A  
Max: 35°C

[www.hozelock.com](http://www.hozelock.com)

IP X4 

**RoHS**  
COMPLIANT  
2002/95/EC



Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities. Contact your local government for information regarding the collection systems available. If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being. When replacing old appliances with new ones, the retailer is legally obligated to take back your old appliance for disposals at least free of charge.