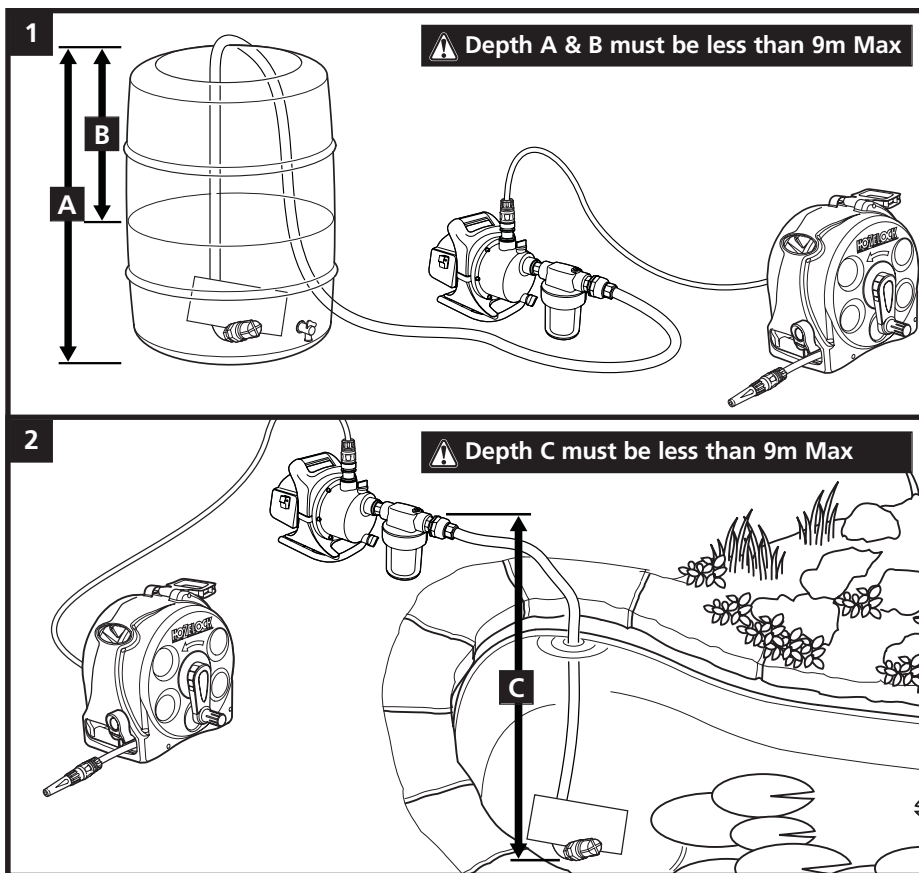


HOZELOCK

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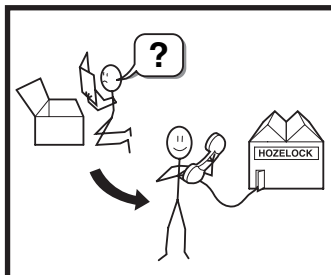
GARDEN PUMP KIT

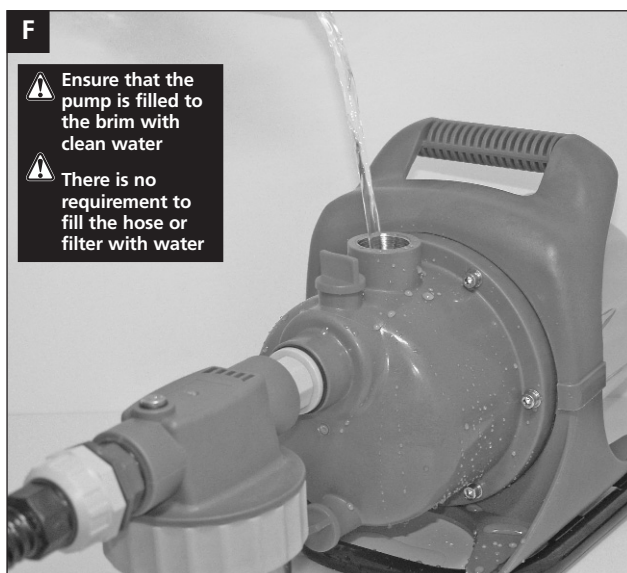
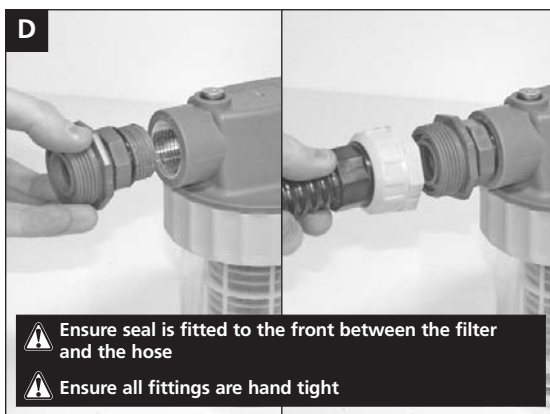
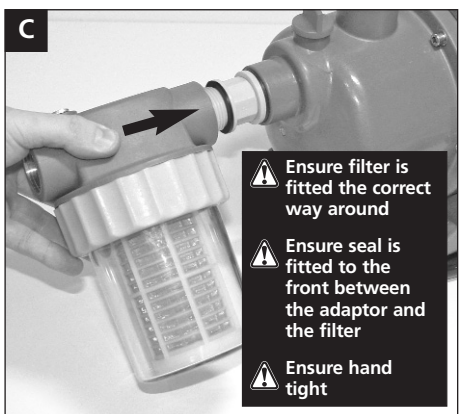
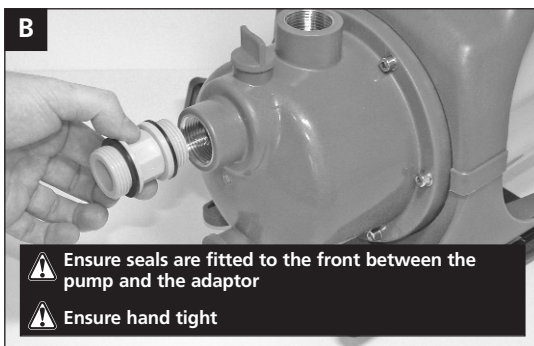
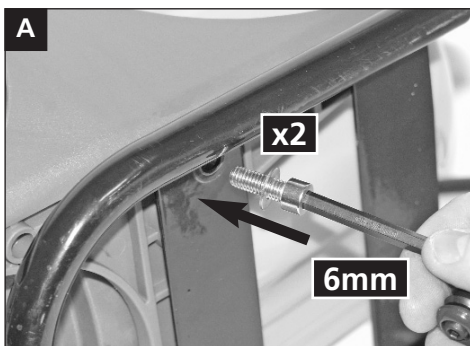


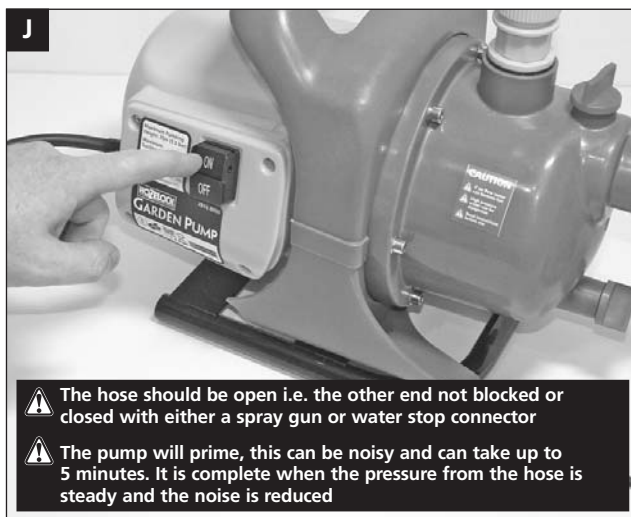
HOZELOCK

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Birmingham B76 1AB. England
Tel: +44 (0) 121 313 1122
info@hazelock.com
www.hazelock.com

33801-001







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.



THE POWER CABLE SHOULD
ONLY BE REPLACED BY
QUALIFIED PERSONNEL.



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
0.75MM² 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.

Limitations

This pump can be used to:

Drive sprayguns, sprinklers and micro irrigation systems

-  This pump is not suitable to be used with swimming pools, where people can become immersed in the water.
-  This pump is not suitable 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.

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

Installation

- 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:

- K** 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 with new repriming. 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

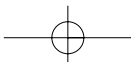
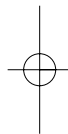
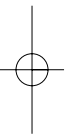
- Disconnect hose and loosen bottom red nut and allow to drain
- Store the pump in a dry place and protect from frost.

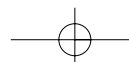
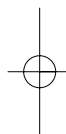
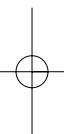
Troubleshooting

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
	Pump has overheated	Pump contains thermal protection - check if pump case is hot, and if so, allow to cool
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 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





Dear (neighbour)

.....(name)

I am watering my garden using a water butt, combined with the new Hozelock Garden Pump. This means that I can legitimately & legally water my garden using a hosepipe & sprinkler even if there is a Hose pipe ban or drought order in this area.

This new pump works with all of Hozelock's spraygun's, Vortex sprinklers and Micro Irrigation systems – even their brand new AquaPod system, find out more at www.hozelock.com or call 0121 313 1122. (Monday - Friday, 9am - 5pm).

Best Wishes,

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.....(Address)

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Best Wishes,

.....(Name)

.....(Address)



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garden well watered



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