

GE-DP 7330 LL ECO
2 IN 1
SUBMERSIBLE
PUMP
730W



Einhell Germany AG

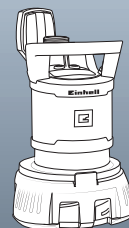
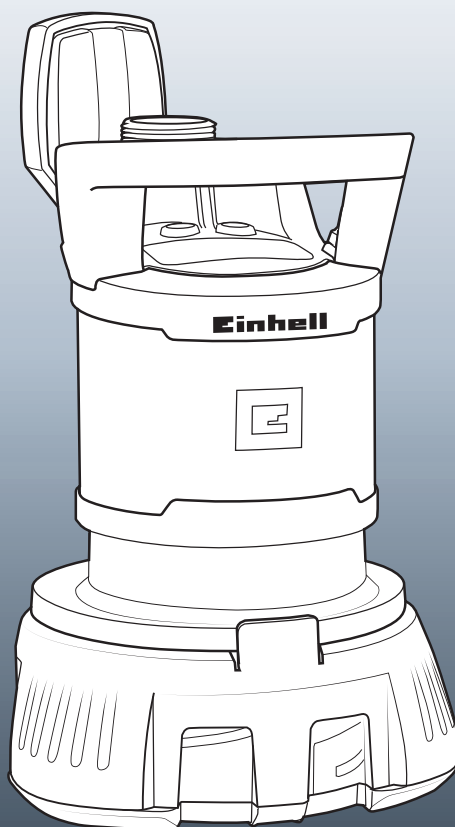
INSTRUCTION MANUAL

TECHNICAL DATA

Input:	240V ~50Hz
Motor:	730W
Max. Flow Rate:	16,500l/h
Max. Head:	8.5m
Max. Immersion:	7m
Min. Priming Depth:	10mm
Min. Suction Depth:	1mm
Power Cord Length:	10m
Max Particle Size:	Ø30mm
Outlet:	47.8mm (1½")
Water Temp.:	1°C - 35°C
Weight:	6.17kg

■ German
■ Designed
■ Quality

Einhell Germany AG



Submersible Pump



Universal Adaptor

ITEMS SUPPLIED

WARRANTY

IN ORDER TO MAKE A CLAIM UNDER THIS WARRANTY YOU MUST RETURN THE PRODUCT TO YOUR NEAREST BUNNINGS WAREHOUSE WITH YOUR BUNNINGS REGISTER RECEIPT. PRIOR TO RETURNING YOUR PRODUCT FOR WARRANTY PLEASE TELEPHONE OUR CUSTOMER SERVICE HELPLINE:

Australia 1800 069 486

New Zealand 0508 069 486

TO ENSURE A SPEEDY RESPONSE PLEASE HAVE THE MODEL NUMBER AND DATE OF PURCHASE AVAILABLE. A CUSTOMER SERVICE REPRESENTATIVE WILL TAKE YOUR CALL AND ANSWER ANY QUESTIONS YOU MAY HAVE RELATING TO THE WARRANTY POLICY OR PROCEDURE.

The benefits provided under this warranty are in addition to other rights and remedies which are available to you at law.

Our goods come with guarantees that cannot be excluded at law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Generally you will be responsible for all costs associated with a claim under this warranty, however, where you have suffered any additional direct loss as a result of a defective product you may be able to claim such expenses by contacting our customer service helpline above.

2 YEAR WARRANTY

Your product is guaranteed for a period of **24 months from the original date of purchase** and is intended for DIY (Do It Yourself) use only. If a product is defective it will be replaced in accordance with the terms of this warranty. Warranty excludes consumable parts, for example: included accessories, etc.

WARNING

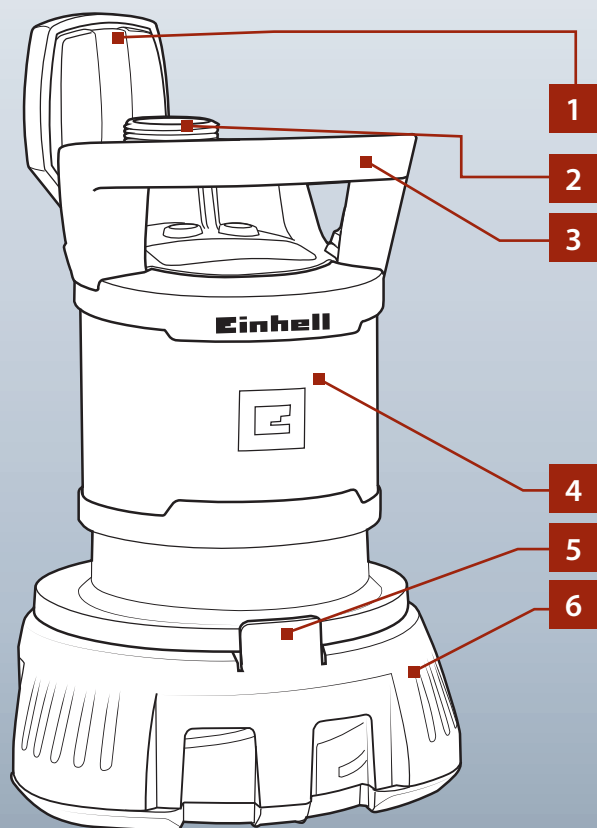
The following actions will result in the warranty being void.

- If the tool has been operated on a supply voltage other than that specified on the tool.
- If the tool shows signs of damage or defects caused by or resulting from abuse, accidents or alterations.
- Failure to perform maintenance as set out within the instruction manual.
- If the tool is disassembled or tampered with in any way.

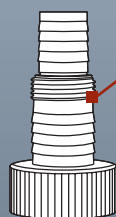
PRODUCT LAYOUT

SUBMERSIBLE PUMP

- | | |
|-----------------|-----------------|
| 1. Float Switch | 4. Pump Housing |
| 2. Outlet | 5. Locating Lug |
| 3. Handle | 6. Intake Cage |



7. Universal Adaptor



ASSEMBLY

1. UNIVERSAL ADAPTOR



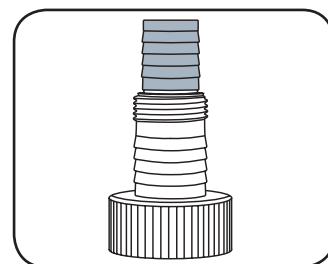
WARNING: ENSURE THE TOOL IS SWITCHED OFF AND DISCONNECTED FROM THE POWER SUPPLY BEFORE PERFORMING ANY OF THE FOLLOWING ASSEMBLY.

Preparing the Universal Adaptor

The universal adaptor is designed to fit various sizes of pipes and fittings.

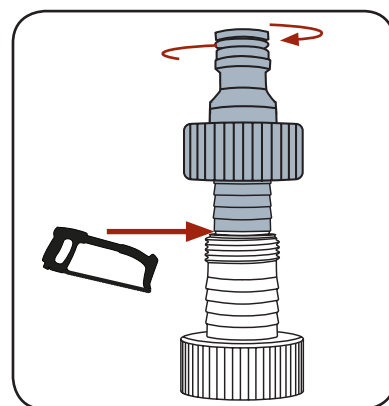
To fit a 25mm (1") rigid pipe or flexible tubing

No cutting of the universal adaptor is required. It is ready to be fitted with a 25mm (1") rigid pipe or flexible tubing (not included).



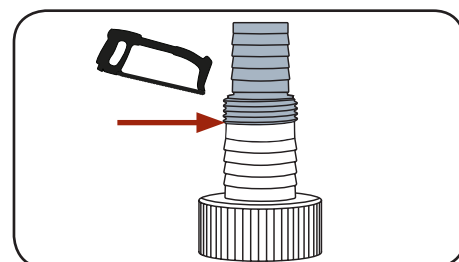
To fit a 25mm (1") tap adaptor (temporary application only)

Cut the universal adaptor using a hack saw and then screw on the 25mm (1") tap adaptor.



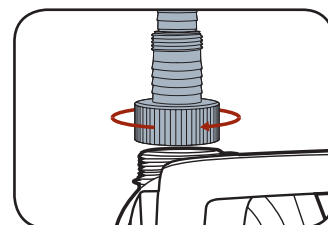
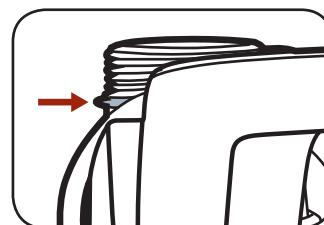
To fit a 32mm (1 1/4") rigid pipe or flexible tubing

Cut the universal adaptor using a hack saw. It is now ready to be fitted with a 32mm (1 1/4") rigid pipe or flexible tubing (not included).



Fitting the Universal Adaptor

1. Ensure the O-ring is fitted to the pump outlet.
2. Screw the universal adaptor onto the pump outlet.



ONLINE MANUAL

www.einhell.com.au

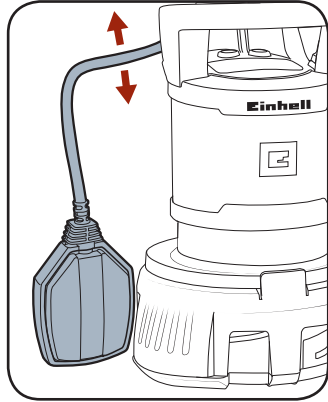
GE-DP 7330 LL ECO

PREPARATION

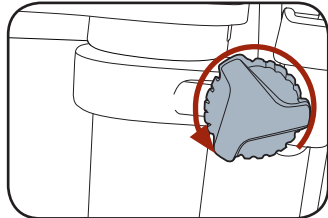
2. FLOAT SWITCH

The pump is fitted with a float switch, which controls how the pump switches on and switches off.

1. When the float switch cable is able to move freely the pump will function down to a water depth of 50mm and automatically shut off.

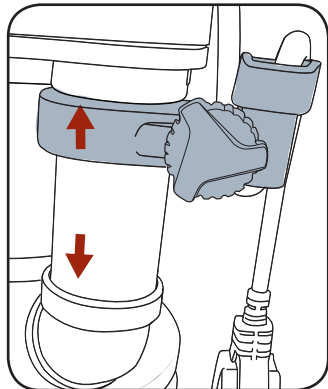


2. To set the pump to switch off at a higher water level, loosen the float switch adjustor lock.

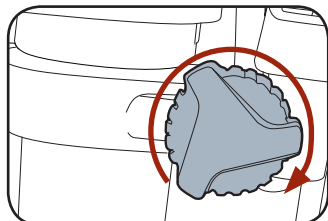


3. Raise or lower the height of the float switch adjuster to set the desired on / off heights.

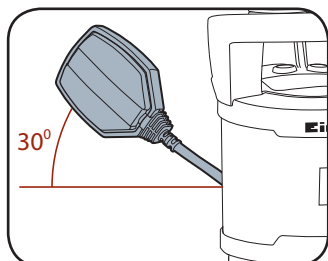
NOTE: A higher adjustor setting will allow the pump to turn on and off at a higher water level.



4. Tighten the float switch adjustor lock to secure the adjustor in place.



5. When the float switch is about 30° higher than horizontal, the pump will turn 'on' and operate. When the float switch is lower than horizontal it will turn off.



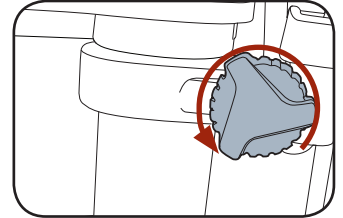
IMPORTANT: MAKE SURE THAT THE FLOAT SWITCH DOES NOT TOUCH THE BOTTOM BEFORE SWITCHING OFF TO AVOID THE RISK OF RUNNING DRY.

NOTE: THERE MUST BE A MINIMUM OF 100MM OF CABLE FROM THE ADJUSTOR TO THE FLOAT SWITCH.

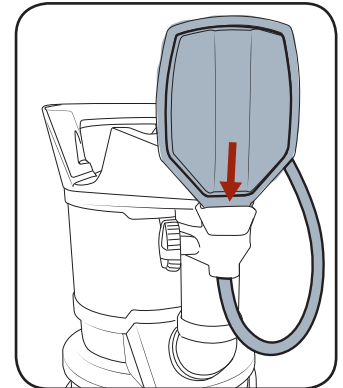
3. MANUAL MODE

The pump float switch can also function in manual mode which allows the pump to continually operate regardless of the water level.

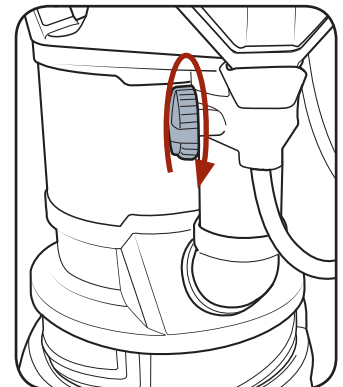
1. Loosen the float switch adjustor lock.



2. Place the float switch into the float switch adjustor so that it is positioned vertically.



3. Tighten the float switch adjustor lock to secure the adjustor in place.



IMPORTANT: THE PUMP MUST ALWAYS BE SUPERVISED WHEN IN MANUAL MODE TO AVOID THE RISK OF RUNNING DRY.

OPERATION

4. SETUP

Suction Level Control

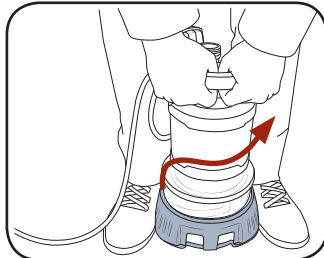
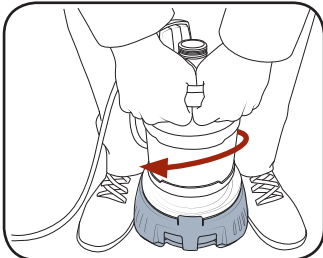
The pump suction level control can be set by rotation of the Pump Housing. Securely hold the Intake Cage between your feet and rotate the Pump Housing for either clean or dirty water operation.

Clean Water Use

- Rotate the pump housing clockwise **DOWN** as far as possible for **CLEAN** water.

Dirty Water Use

- Lift **UP** and rotate the pump housing counter-clockwise as far as possible for **DIRTY** water.



- In manual mode for clean water use, water can be sucked down to a level of 1mm

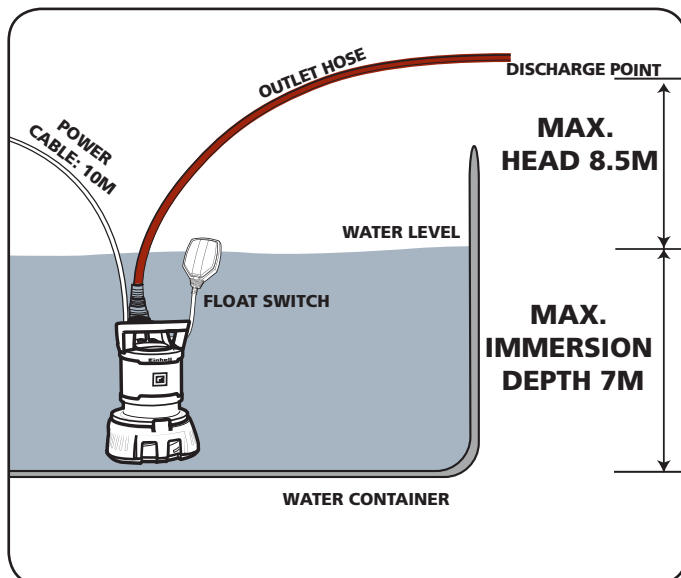
NOTE: For the pump to operate for clean water use in manual mode there must be a minimum depth of 10mm of water.

Before starting, perform a few simple checks:



CAUTION: NEVER CARRY, LIFT OR PULL UP THE PUMP BY THE POWER CORD. THIS WILL DAMAGE THE UNIT.

1. Ensure the outlet hose is connected correctly.
2. Ensure the distance from the surface of the water to the highest point that you wish to deliver the water does not exceed 8.5 metres.



3. Adjust the float switch adjuster to allow the pump to switch on and off at the desired water height.
4. Ensure that the container is large enough to allow the float switch to move freely and function effectively, a minimum area of 50x50x50cm is required.
5. Ensure the pump is placed on a flat and level surface, there are no obstructions to the suction base and it is clear of mud or sediment.



CAUTION: THIS PRODUCT IS INTENDED FOR PUMPING WATER IN A HOME DOMESTIC APPLICATION. DO NOT USE IT FOR CORROSIVE, ABRASIVE, EXPLOSIVE OR DANGEROUS LIQUIDS.

5. OPERATE

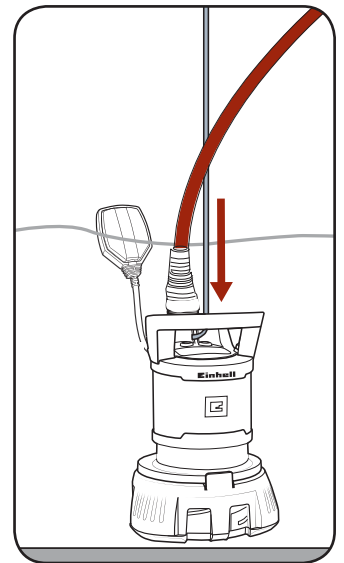
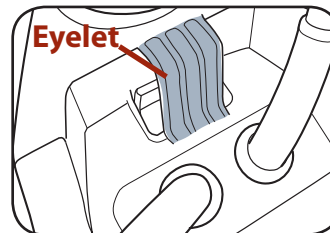


WARNING: THE POWER SUPPLY FOR THIS PRODUCT MUST BE PROTECTED BY A RESIDUAL CURRENT DEVICE (RATED AT 30MA OR LESS). A RESIDUAL CURRENT DEVICE REDUCES THE RISK OF ELECTRIC SHOCK.

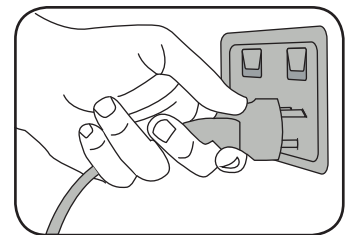


IMPORTANT: BEFORE SUBMERGING THE PUMP IN WATER, UNWRAP THE POWER CABLE AND ENSURE THE PLUG IS CLEAR OF ANY DAMP LOCATIONS.

1. Immerse the pump in the water. For deep water, use a rope (not included) and secure it to the suspension eyelet. Set the pump in the desired position within the work area or tank.



2. Insert the plug into the mains power socket. Where possible avoid using extension cords as this can lead to a voltage drop which may cause power loss and overheating. Switch on the mains power to operate pump.



3. To stop operation, turn off the mains power. The pump will also stop operation automatically once the float switch reaches the minimum water depth (10mm).



CAUTION: YOUR PUMP HAS THE CAPACITY TO PUMP WATER WITH A NON SOLID PARTICLE SIZE OF UP TO 30MM IN DIAMETER.

TROUBLESHOOTING




Problem	Possible Cause	Solution
The pump does not start, or pump water	Pump is not connected to the power supply	Check that the pump is connected to the mains power supply
	Float switch has not been activated, water level too low	Manually raise the position of the float switch
	The impellor is stuck	Turn pump off and inspect and clean obstruction
	The thermal overload protection is activated	Wait for the motor to cool and it will automatically start operation
	The motor is damaged	Contact Einhell customer service
The pump does not supply water when the motor is running	The suction base is obstructed/blocked	Clean the suction base of any foreign matter and debris
	Air lock in the hose/tube and/or pump (air bubbles)	Perform several start-ups in order to remove all the air or lift and tilt the pump slightly while the pump is running
	Discharge hose/tube (not included) is kinked or damaged	Un-kink the discharge hose/tube. Or replace hose/tube Disconnect the mains power and check the discharge outlet and filter for any foreign matter
The pump flow rate is reduced	The suction base is partially obstructed/blocked	Clean the suction base of any foreign matter and debris
	The hose/tube is obstructed	Remove the obstructions
	Air leak in the suction line or joints	Check the suction line connections for air leaks and tighten or fix where found
	Incorrect assembly leads to air and water leakage in the discharge lines	Ensure the discharge lines are the correct length and all assembly instructions are adhered to
Pump will not turn off, even though the water level is low	The float switch is stuck in the “on” position	Ensure that the float switch is free to operate normally. Contact Einhell customer service if the problem still occurs
Hose/tube does not stay on the universal adaptor when water is travelling through	The hose/tube is slightly wider than the dimension of the universal adaptor	An adhesive can be used inside the hose/tube to prevent this or teflon tape can be fixed around the universal adaptor or a hose clamp can be used
The pump operates intermittently	The suction base is obstructed/blocked	Clean the suction base of any foreign matter and debris
	Incorrect voltage is being used	Ensure the pump is connected into 230-240V power supply
	The fluid contains particles thicker than 30mm	Ensure the pump is not being used with particles thicker than 30mm
	The motor is faulty or damaged	Contact Einhell customer service
	Water level is below 50mm	Ensure the water level is above 10mm

MAINTENANCE

- When not in use, the pump should be stored in a dry, frost free location, keep out of children’s reach.
- Keep the pumps suction base clear of debris at all times.
- The pump should be cleaned with clear water after each use.

Note: Einhell will not be responsible for any damage or injuries caused by repair of the pump by an unauthorised person or by mishandling.

SYMBOLS

V	Volts	Hz	Hertz
~	Alternating current	W	Watts
/min	Revolutions or reciprocation per minute	no	No load speed
l	Litres	°C	Degrees celsius
p/hr	Per hour	kPa	Pressure rating (kilopascals)
bar	Pressure rating	F	Insulation class
PVC	Polyvinyl chloride	IPX8	Ingress protection from water
	Regulator compliance mark		Read instruction manual
	Warning		



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: The supply of 230V and 240V on Einhell pumps are interchangeable for Australia and New Zealand. This pump is earthed in accordance with AS/NZS 60335-2-41.

Note: The power outlet used for the water 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 water pump has a built-in thermal protection overload switch. The water 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 ageing. Replace the extension lead if damaged or defective. Then 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.



GENERAL POWER TOOL SAFETY WARNINGS



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.
Save these instructions

1. Work area safety

- Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- 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.
- Keep children and bystanders away while operating a pump. Distractions can cause you to lose control.

2. Electrical safety

- 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.
- 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.
- 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.
- 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.
- 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

- 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.
- 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.

- 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.
- 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

- 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.
- 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.
- 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

- 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.
- 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 WARNINGS FOR PUMPS



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 water 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.

This appliance is not intended for use by person (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.

- Ensure the water pump is disconnected from mains power when installing.
- Do not install or operate the water pump in an explosive environment or near flammable material.
- Do not operate the water pump without liquid.
- Do not run the water pump dry.



WARNING! The water pump together with associated pipework operate under pressure. Do not disconnect water 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 water pump while it is connected to power.
- Before using the water pump, always inspect it visually. Do not use the pump if it is cracked and/or damaged. If the water pump is damaged, contact Einhell customer service.
- The water pump has a built-in thermal protection overload switch. The water pump stops if an overload occurs. The motor restarts automatically after it has cooled down.
- The pump must not be used when 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.

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.

ORDERING REPLACEMENT PARTS

Spare parts can be ordered from the Special Orders Desk at your local Bunnings Warehouse.

For further information, or any parts not listed here, visit

www.einhell.com.au or contact Einhell Customer Service:

Australia 1800 069 486

New Zealand 0508 069 486

E-mail: service.australia@einhell.com

DISPOSAL AND RECYCLING



Power tools that are no longer usable should not be disposed of with household waste but in an environmentally friendly way. Please recycle where facilities exist. Check with your local council authority for recycling advice.



Recycling packaging reduces the need for landfill and raw materials. Reuse of recycled material decreases pollution in the environment. Please recycle packaging where facilities exist. Check with your local council authority for recycling advice.