800W AUTOMATIC PRESSURE PUMP
MODEL: PPT-800

⚠️ 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 all warnings and instructions for future reference.
INTRODUCTION

Congratulations on purchasing the Commercial Electric 800W Automatic Pressure Pump. We aim to provide quality products at an affordable price. Before using, it is most important that you read and follow the instructions in this manual, even if you feel you are quite familiar with this type of product.

This product is ideal for numerous applications: Providing domestic water supply to laundries, toilets and outdoor taps, combining with rainwater tank for garden watering and washing cars, transferring water from tanks, ponds and dams and transferring water for domestic irrigation. This product is not suitable for use with drinking (potable) water.

SPECIFICATIONS

Input Voltage: 230-240V~ 50Hz
Input Power: 800W
Max Flow Rate: 3,500 litres/hr
Max Lift: 8m
Max. Head: 38m
Max. Particle Size: 3mm
Max. Pressure Approx.: 3.8 bar (55 PSI)
Cut-in Pressure Approx.: 1.5 bar (22 PSI)
Cut-out Pressure Approx.: 3 bar (44 PSI)
Max. Water Temp: 35ºC
Suction and Discharge Connections: 1” Internal thread
IP Rating: IPX4
Weight: 13.35kg

Pump Flow Curve
1. Discharge Outlet
2. Transparent Filter Cover
3. Suction Inlet
4. Pump Housing
5. Drain Screw
6. Pressure Tank
7. Pressure Gauge
8. On/Off Switch
9. Handles
10. Filter
11. Power Cable (not shown)
12. Air Valve Cover (not shown)
13. Air Valve (not shown)
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTRODUCTION</td>
<td>1</td>
</tr>
<tr>
<td>SPECIFICATIONS</td>
<td>1</td>
</tr>
<tr>
<td>KNOW YOUR PRODUCT</td>
<td>2</td>
</tr>
<tr>
<td>ELECTRICAL SAFETY</td>
<td>4</td>
</tr>
<tr>
<td>GENERAL SAFETY INSTRUCTIONS</td>
<td>4</td>
</tr>
<tr>
<td>ADDITIONAL SAFETY INSTRUCTIONS FOR PUMPS</td>
<td>5</td>
</tr>
<tr>
<td>SUGGESTED APPLICATIONS</td>
<td>7</td>
</tr>
<tr>
<td>PACK CONTENTS</td>
<td>7</td>
</tr>
<tr>
<td>FITTINGS AND TOOLS REQUIRED FOR INSTALLATION</td>
<td>7</td>
</tr>
<tr>
<td>SET-UP &amp; INSTALLATION</td>
<td>8</td>
</tr>
<tr>
<td>OPERATION</td>
<td>12</td>
</tr>
<tr>
<td>HINTS WHEN USING THE PUMP</td>
<td>14</td>
</tr>
<tr>
<td>MAINTENANCE</td>
<td>15</td>
</tr>
<tr>
<td>SPARE PARTS</td>
<td>16</td>
</tr>
<tr>
<td>TROUBLESHOOTING</td>
<td>17</td>
</tr>
<tr>
<td>DESCRIPTION OF SYMBOLS</td>
<td>19</td>
</tr>
<tr>
<td>WARRANTY</td>
<td>20</td>
</tr>
</tbody>
</table>
ELECTRICAL SAFETY

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

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

Read the whole manual carefully and make sure you understand the operating instructions prior to use. Save these instructions 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 Commercial Electric tools are interchangeable for Australia and New Zealand.

This tool is earthed in accordance with AS/NZS 60335-2-41

**Note:** The Power Outlet used for the water pump is recommended to 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.

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.

GENERAL SAFETY INSTRUCTIONS

**WARNING!** Read all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury. The term “Power Tool” in all of the warnings listed below refers to your mains operated (corded) power tool or battery operated (cordless) power tool.

SAVE THESE INSTRUCTIONS

1) WORK AREA
   a) Keep work area clean and well lit. Cluttered and dark areas invite accidents.
   b) Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Power tools create sparks which may ignite the dust or fumes.
   c) Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.
GENERAL SAFETY INSTRUCTIONS (cont.)

2) ELECTRICAL SAFETY

a) **Power tool plugs must match the outlet.** Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. 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 expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.

d) **Do not abuse the cord.** Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.

e) **Replacement of the supply cord.** If the supply cord is damaged, it must be replaced by an electrician or a power tool repairer.

f) **When operating a power tool outdoors,** use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.

g) **Have your tool repaired by an electrician or a power tool repairer.** This power tool complies with relevant safety requirements. To avoid danger, electrical appliances must only be repaired by qualified personnel using original spare parts; otherwise this may result in considerable danger to the user.

3) PERSONAL SAFETY

a) **Stay alert, watch what you are doing and use common sense when operating a power tool.** Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.

b) **Use safety equipment.** Always wear eye protection. Safety equipment such as dust mask, nonskid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.

c) **Avoid accidental starting.** Ensure the switch is in the off position before plugging in. Carrying power tools with your finger on the switch or plugging in power tools that have the switch on invites accidents.

d) **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.

e) **Do not overreach.** Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.

f) **Dress properly.** Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.

g) **If devices are provided for the connection of dust extraction and collection facilities,** ensure these are connected and properly used. Use of these devices can reduce dust related hazards.

4) POWER TOOL USE AND CARE

a) **Do not force the power tool.** Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.

b) **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

c) **Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.

d) **Store idle power tools, unplugged & out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
GENERAL SAFETY INSTRUCTIONS (cont.)

e) **Maintain power tools.** Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tools operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.

f) **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

g) **Use the power tool, accessories and tool bits etc., in accordance with these instructions and in the manner intended for the particular type of power tool, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from intended could result in a hazardous situation.

5) SERVICE

a) **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.

ADDITIONAL SAFETY INSTRUCTIONS FOR PUMPS

**CAUTION:** Not intended for cleaning and other maintenance of swimming pools.

**CAUTION:** Commercial Electric recommends the power outlet to be used for the water pump, be protected by a 30mA residual current device or earth leakage circuit breaker.

**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.

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 mains 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 Commercial Electric 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.

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.
SUGGESTED APPLICATIONS

Provide domestic water supply to laundries, toilets and outdoor taps.

Transfer water from tanks, ponds or dams.
Combine with rainwater tank for garden watering and washing cars and boats.
Transferring water for domestic irrigation.

CAUTION: Not to be used to circulate swimming pool water.

PACK CONTENTS

1 x Automatic pressure pump (PPT-800)
1 x Pre-filter (Fitted)
1 x Instruction manual

FITTINGS AND TOOLS REQUIRED FOR INSTALLATION

Not Included
Suitable hose/tube/piping
2 x 1” Male threaded hose adaptors
Teflon tape (recommended)
SET-UP & INSTALLATION

**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.

**WARNING!** Disconnect the plug from the mains power prior to making any adjustments or installation.

Your pump requires no assembly before use other than the connection of a suitable inlet/outlet hose and hose connections (not included). Access to a 10 Amp electrical outlet is required.

- After removing the pump from its carton, check that the pump has not been damaged.
- Unpack the contents.

**Note:** Use the handles (9) when lifting or moving the pump (Fig. 1).

**Note:** Install the pump on a solid and level surface. Do not store or use the pump in a vertical position. To ensure the most efficient operation, careful planning is advised when installing the pump.

**CAUTION:** It is recommended to have a 30mA residual current device connected when using the pump.

Connecting Hose or Pipe to the Suction Inlet
1. Remove the plastic protection cover from the suction inlet (3) (Fig. 2).

**Note:** It is recommended that you use a suction set with suction hose, suction strainer (not included), in order to prevent long priming periods and unnecessary damage to the pump as a result of stones and solid foreign materials entering.

**Note:** Teflon tape (not included) is recommended on threads to ensure a water tight seal and prevent any leakage.

2. Insert a 1” male threaded hose adaptor (not included) into the suction inlet (3) (Fig 3).

3. Securely attach the input hose or pipe (not included) to the threaded insert (not included) and other end of the suction line (Fig. 4). Ensure you have the correct diameter of hose or pipe that is compatible with your water drawing source.

**Note:** The input hose or pipe you are using should be a reinforced hose and must have a minimum diameter of 25mm (1”). A diameter of 32mm (11/4”) is recommended for suction heights exceeding 5 metres.

- Ensure the input hose or pipe is not restricted in any way and no pressure is obstructing the input hose or pipe when the pump is in operation.
Positioning the Hose or Pipe

- Position the input hose or pipe so that it rises from the water drawing source to the pump. Avoid positioning the input hose or pipe higher than the pump, as this would delay the escape of air bubbles from the input hose or pipe and impede the priming process (see section 'starting the pump' for description on priming the pump) (Fig. 5-7).
**WARNING!** The input hose or pipe should be low enough in the water to ensure that if the water level falls, the pump will not run dry. Ensure that this is checked when in operation.

**Note:** A leaking hose or pipe will draw in air and therefore not draw in any water.
Connecting Hose or Pipe to the Discharge Outlet

4. Remove the plastic protection cover from the discharge outlet (1) (Fig. 8).

Note: Teflon tape (not included) is recommended on threads to ensure a water tight seal and prevent any leakage.

5. Insert a 1” male threaded hose adaptor (not included) into the discharge outlet (1) (Fig. 9).

6. Securely attach the output hose or pipe to the threaded insert (not included) and other end of the discharge line (Fig. 10). Ensure you have the correct diameter of the output hose or pipe that is compatible with the water discharge application.

Note: The output hose or pipe you are using must have a minimum diameter of 19mm (3/4”). A smaller diameter output hose or pipe will result in a lower flow rate.

Note: Ensure the output hose or pipe is not restricted in any way and no pressure is obstructing the hose or pipe when the pump is in operation.

IMPORTANT: Inside the pressure tank (6) is an expandable water bladder and an air compartment, its maximum pressure should lie at approximately 1.3 bar (19 psi) when no water is in the tank. Pumping water into the water bladder causes the bladder to expand so that the pressure in the air compartment increases to switch-off level. If the air pressure is too low, you should increase it. To do so, unscrew the air valve cover (12) from the end of the pressure tank (6) (Fig. 11) and top up the pressure to the correct level, approx. 1.3 bar (19 psi) using an air pump with a guage at the air valve (13).
OPERATION

Priming

Priming the pump prepares the motor for safe operation.

1. Ensure the pump is turned off at the mains power.

2. Fully open any shut off mechanisms (e.g: spray nozzle, valves etc.) in the output hose or pipe so that the air can escape without obstruction.

3. Unscrew the transparent filter cover (2) by turning anti-clockwise (Fig. 12) and remove the filter (10).

4. Using a hose or other method, into the filter cavity, completely fill the pump housing (4) with water (Fig. 13).

5. Replace the filter (10) into the filter cavity.

6. Tighten the transparent filter cover (2) securely by turning clockwise.

7. Open the discharge line and the suction line.

8. Insert the plug into the mains power socket (Fig. 14). Avoid using extension cords as this can lead to a voltage drop which may cause power loss and overheating. Once installed in a suitable location, the mains power can be switched on.

Note: Do not operate the pump without the filter (10) installed. Damage caused to internal components will not be covered under warranty.
Turning the Pump On and Off

9. Depress the on/off switch (8) to the On (I) position (Fig. 15). The pump will begin operation, the pump may take several minutes to fully prime air from the suction line and inside the pump.

**Note:** The pump can be used to perform suction up to 8 metres. This is the maximum suction height that the pump can operate at.

**Note:** The pump will automatically shut down when the cut-out pressure of 3 bar is reached. This is displayed on the pressure gauge (7) (Fig. 16). The pump will only operate when water is drawn at the discharge outlet (1). At all other times, the pump will cease operation to conserve energy.

When water is used and the pump’s pressure decreases to 1.5 bar the pump will automatically restart.

10. To turn the pump off, depress the on/off switch (8) to the Off (“O”) position (Fig. 17).

Storing the Pump

11. Before storing the pump. It is recommended to empty the pressure tank (6). Turn the drain screw (5) anti-clockwise and remove from the pressure tank (6) (Fig. 18). This will drain any excess water. Replace the drain screw (5) by turning clockwise.

**Note:** Ensure the gate valve on your water tank is not left open as this will allow water to drain from the water tank.
**HINTS WHEN USING THE PUMP**

- The suction line should have a minimum diameter of 25mm (1"). For suction heights above 5m, the suction line should have a minimum diameter of 32mm (1 1/4").

- The discharge line should have a minimum diameter of 19mm (3/4"), for optimal performance, a discharge line with a diameter of 32mm (1 1/4") is recommended.

- The maximum pumping rate only occurs when using the largest line diameter possible, if smaller hoses or tubes are used, the rate will reduce relative to the size of the tube or hose. Try to use discharge pipes which have a larger diameter than the discharge outlet.

- Position the pump as close as possible to your water source.

- Locate the pump at least 150mm from a solid structure (i.e: wall or fence).

- Running the pump with no water flowing through the pipes will reduce the life of the pump and is not recommended. The pump must be turned off at the on/off switch (8) when the gate valve at the water source is closed or no water is available. The pump must be immediately turned off as soon as water stops flowing through it.

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The pump is automatically switched off in the event of overheating due to the built in thermal overload protector. After cooling down, the motor automatically switches on again.

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- When disconnecting the pump from the mains power supply, do not pull by the power cable (12). Using three fingers around the three pin power plug, gently pull and disconnect from the mains power.

- The pump can be screwed into a solid base (i.e: wood and concrete) or mounted if more rigid/permanent fixing is required.
MAINTENANCE

Make sure the pump is disconnected from electric power supply before performing maintenance procedures.

Cleaning the filter
The filter (10) should be cleaned periodically or when foreign matter is visible through the transparent filter cover (2).

1. Close suction and discharge valves (not included).
2. Open and remove the transparent filter cover (2) by turning anti-clockwise (Fig. 19).
3. Remove the filter (10) from the filter cavity (Fig. 20) and clean the filter (10) thoroughly with water.
4. Inspect the pre-filter seal (O-ring) before replacing the transparent filter cover (2). Ensure that it is not worn or damaged, if damaged, replace the pre-filter seal.
5. Place the filter (10) back into the filter cavity.
6. Close the transparent filter cover (2) by turning clockwise.

Note: Replacement pre-filter seals are available through Bunnings Warehouse Special Orders desk. These seals are consumable, wearing components and will wear with time. These seals are not covered under warranty.

Cleaning the Pump Housing
Use a moist cloth to wipe down the pump housing (4). Allow to dry thoroughly before storing in a dry location that is protected from bad weather conditions.

If the pump is not going to be used for a long period of time, it is advisable to rinse with water and empty the pressure tank (6) (see operation section on emptying the pressure tank). Ensure the pump is completely dry before storing.

Adjusting the Tank Pressure

IMPORTANT: Ensure you completely empty the water bladder first using the drain screw (5).

Inside the pressure tank (6) is an expandable water bladder and an air compartment, its maximum pressure should lie at approximately 1.3 bar when no water is in the tank. Pumping water into the water bladder causes the bladder to expand so that the pressure in the air compartment increases to switch-off level. If the air pressure is too low, you should increase it. To do so, unscrew the air valve cover (12) from the end of the pressure tank (6) (Fig. 21) and top up the pressure to the correct level (approx. 1.3 bar) using an air pump with a guage at the air valve (13).
### SPARE PARTS

Limited spare parts are available subject to availability. Please contact your local Bunnings Special Orders Desk to order the required spare parts.

**Most common spare parts listed below**

<table>
<thead>
<tr>
<th>Spare Part</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pressure gauge</td>
<td>SPPPT800-82</td>
</tr>
<tr>
<td>Fan</td>
<td>SPPPT800-53</td>
</tr>
<tr>
<td>Transparent filter cover</td>
<td>SPPPT800-11</td>
</tr>
<tr>
<td>Filter</td>
<td>SPPPT800-09</td>
</tr>
<tr>
<td>Pre-filter seal (O-ring)</td>
<td>SPPPT800-10</td>
</tr>
</tbody>
</table>

### TROUBLESHOOTING

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible Cause</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>The pump does not start, or pump water</td>
<td>Pump is not connected to the power supply</td>
<td>Check that the pump is connected to the mains power supply</td>
</tr>
<tr>
<td></td>
<td>Pump is blocked</td>
<td>Disconnect the pump from the mains power. Inspect the discharge outlet and filter</td>
</tr>
<tr>
<td></td>
<td>Pump is not connected to the water supply</td>
<td>Ensure the pump is connected to the water supply</td>
</tr>
<tr>
<td>The pump does not supply water when the motor is running</td>
<td>The pump has not been primed</td>
<td>Fill the pump with water, ensure the suction line and pump are filled with water</td>
</tr>
<tr>
<td></td>
<td>Suction line is leaking</td>
<td>Check the suction line for leaks and replace hose or pipe if it is damaged or worn</td>
</tr>
<tr>
<td></td>
<td>The pump is sucking air</td>
<td>Ensure all connections and fittings are secured tightly</td>
</tr>
<tr>
<td></td>
<td>Pump is blocked</td>
<td>Disconnect the mains power and check the discharge outlet and filter for any foreign matter</td>
</tr>
<tr>
<td></td>
<td>Pump is not producing enough pressure</td>
<td>Check all parts of the pump and clean and check the tank pressure</td>
</tr>
<tr>
<td></td>
<td>Water source does not have enough water</td>
<td>Wait until the water source increases so the pump can operate</td>
</tr>
<tr>
<td></td>
<td>The suction height is too high</td>
<td>Ensure the suction height is no higher than 8m</td>
</tr>
<tr>
<td></td>
<td>The hose diameter is too small</td>
<td>Ensure the hose diameter is at least 25mm (suction line) and 19mm (discharge line)</td>
</tr>
<tr>
<td>Problem</td>
<td>Possible Cause</td>
<td>Solution</td>
</tr>
<tr>
<td>--------------------------------------------------</td>
<td>----------------------------------------------------</td>
<td>--------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Tube or piping does not stay on the male thread when water is travelling through</td>
<td>The hose or tubing may be worn or vary slightly with the dimensions</td>
<td>Add a a hose clamp to prevent leaks and secure the hose or pipe</td>
</tr>
<tr>
<td>The pump operates intermittently</td>
<td>There is a water leak in the household plumbing</td>
<td>Inspect and fix any leaks</td>
</tr>
<tr>
<td></td>
<td>There is insufficient air pressure in the tank</td>
<td>Empty water from the tank and add air to 1.3 bar (19 psi) when no water is in the tank</td>
</tr>
<tr>
<td></td>
<td>The voltage is out of range</td>
<td>Supply the pump in accordance with the rating label requirements (230-240V)</td>
</tr>
<tr>
<td></td>
<td>Air flow is not allowing the motor to cool</td>
<td>Ensure the pump is in a well ventilated area</td>
</tr>
<tr>
<td></td>
<td>The motor is faulty or damaged</td>
<td>Contact Commercial Electric customer service</td>
</tr>
<tr>
<td>Poor Performance – low pressure flow</td>
<td>Faulty suction line</td>
<td>Check all the suction lines for leaks or any damage. Replace if they are faulty and check that you are using a reinforced hose to prevent the hose from collapsing</td>
</tr>
</tbody>
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DESCRIPTION OF SYMBOLS

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>V</td>
<td>Volts</td>
</tr>
<tr>
<td>~</td>
<td>Alternating current</td>
</tr>
<tr>
<td>/min</td>
<td>Revolutions or reciprocation per minute</td>
</tr>
<tr>
<td>Hz</td>
<td>Hertz</td>
</tr>
<tr>
<td>W</td>
<td>Watts</td>
</tr>
<tr>
<td>No</td>
<td>No load speed</td>
</tr>
<tr>
<td>Hp</td>
<td>Horse power</td>
</tr>
<tr>
<td>°C</td>
<td>Degrees celsius</td>
</tr>
<tr>
<td>p/hr</td>
<td>Per hour</td>
</tr>
<tr>
<td>kPa</td>
<td>Pressure rating (kilopascals)</td>
</tr>
<tr>
<td>bar</td>
<td>Pressure rating</td>
</tr>
<tr>
<td>L</td>
<td>Litres</td>
</tr>
<tr>
<td>F</td>
<td>Insulation class</td>
</tr>
<tr>
<td>PVC</td>
<td>Polyvinyl chloride</td>
</tr>
<tr>
<td>Hmin</td>
<td>Min. head height</td>
</tr>
<tr>
<td>IPX4</td>
<td>Ingress protection from water</td>
</tr>
<tr>
<td>!</td>
<td>Warning</td>
</tr>
<tr>
<td>⚠️</td>
<td>Read instruction manual</td>
</tr>
<tr>
<td>🌟</td>
<td>Regulator compliance mark</td>
</tr>
</tbody>
</table>

CARING FOR THE ENVIRONMENT

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.
2 YEAR REPLACEMENT 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: o-rings, bearing, seals, gaskets & pre-filter.

WARNING

The following actions will result in the warranty being void.

- Professional, Industrial or high frequency use.
- 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.

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