

Davey® Repair or Replacement Guarantee

In the unlikely event in Australia or New Zealand that this Davey product develops any malfunction within one year of the date of original purchase due to faulty materials or manufacture, Davey will at our option repair or replace it for you free of charge, subject to the conditions below.

Should you experience any difficulties with your Davey product, we suggest in the first instance that you contact the Davey Dealer from which you purchased the Davey product. Alternatively you can phone our Customer Service line on 1300 367 866 in Australia, or 0800 654 333 in New Zealand, or send a written letter to Davey at the address listed below. On receipt of your claim, Davey will seek to resolve your difficulties or, if the product is faulty or defective, advise you on how to have your Davey product repaired, obtain a replacement or a refund.

Your Davey One Year Guarantee naturally does not cover normal wear or tear, replacement of product consumables (i.e. mechanical seals, bearings or capacitors), loss or damage resulting from misuse or negligent handling, improper use for which the product was not designed or advertised, failure to properly follow the provided installation and operating instructions, failure to carry out maintenance, corrosive or abrasive water or other liquid, lightning or high voltage spikes, or unauthorized persons attempting repairs. Where applicable, your Davey product must only be connected to the voltage shown on the nameplate.

Your Davey One Year Guarantee does not cover freight or any other costs incurred in making a claim. Please retain your receipt as proof of purchase; you **MUST** provide evidence of the date of original purchase when claiming under the Davey One Year Guarantee.

Davey shall not be liable for any loss of profits or any consequential, indirect or special loss, damage or injury of any kind whatsoever arising directly or indirectly from Davey products. This limitation does not apply to any liability of Davey for failure to comply with a consumer guarantee applicable to your Davey product under the Australian or New Zealand legislation and does not affect any rights or remedies that may be available to you under the Australian or New Zealand Consumer Legislation.

In Australia, 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.

Should your Davey product require repair or service after the guarantee period; contact your nearest Davey Dealer or phone the Davey Customer Service Centre on the number listed below.

For a complete list of Davey Dealers visit our website (davey.com.au) or call:

	AUSTRALIA	NEW ZEALAND
	Customer Service Centre 6 Lakeview Drive, Scoresby, Australia 3179 Ph: 1300 367 866 Fax: 1300 369 119 Website: davey.com.au	Customer Service Centre 7 Rockridge Avenue, Penrose, Auckland 1061 Ph: 0800 654 333 Fax: 09 527 7654 Website: daveynz.co.nz

Davey Water Products Pty Ltd
Member of the GUD Group
ABN 18 066 327 517

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* Installation and operating instructions are included with the product when purchased new. They may also be found on our website.

DEPEND ON
DAVEY

Dynapond Pond Pump

INSTALLATION AND OPERATING INSTRUCTIONS



These Instructions must be delivered with the pump to the operator.



This pump is not to be used by children or infirm persons and must not be used as a toy by children.

Before installing your new pump, please read all instructions carefully as failures caused by incorrect installation or operation are not covered by the guarantee. Your Davey pump is designed to handle clean pond water. The pump should not be used for any other purpose without specific referral to Davey. The use of the system to pump flammable, corrosive and other materials of a hazardous nature is specifically excluded.

Voltage: 220/250V 50Hz Single Phase

Installation & Operating Instructions

The Davey Dynapond Pumps are suitable for clean water for ponds, waterfalls, Koi tanks, fish farms, recirculating applications etc.

They are extremely quiet in operation which makes them ideal for applications within residential areas.

This submersible pump has been factory checked prior to delivery; however, please check for any damage during transport. After Sales Service is available from Davey or Davey Authorised Service Dealers.



DO NOT:
Run the pump dry.
Attempt electrical repairs, unless qualified to do so.
Run the pump with the motor fully or partially exposed.
Install the pump on soft or loose ground.
Operate the pump if the inlet is submersed by sand or debris.
Lift or carry the pump by the power cable.



BEFORE STARTING THE PUMP, VERIFY THAT:

- The electric circuit is equipped with an automatic residual current device rated at 30 mA with correct earthing.
- The voltage and frequency shown on the technical nameplate of the pump correspond to the data of the electric supply system.
- The power cable of the pump is not damaged.
- The electric connection must be done in a dry, safe place, free from possible flooding.

Suitable Fluids

This pump is designed to pump clean pond water, which may contain limited amounts of soft solids up to 10mm diameter. Water temperature must not exceed 35°C. It is not suitable for pumping flammable or corrosive fluids, nor fluids at elevated temperatures. If you are unsure as to the suitability of the application, contact your Davey dealer for advice.



This pump is not a slurry pump, it is not designed to pump hard solids (eg stones) nor fluids containing excessive amounts of abrasive materials.



Under no circumstances may this pump be used in a swimming pool or spa bath.

Installation

This Davey pump is completely submersible up to 3 metres and should be placed on a solid flat surface (if not available, sit the pump on timber or house bricks) in either the vertical or horizontal position. Pump should always be installed so that it will be clear of settled silt or debris. It is recommended to fit the biggest diameter hose possible, to obtain the best flow from the pump. To remove or lift the pump from deep ponds, connect a rope to the handle during installation.

Strainer Adjustment / Removal

Your Dynapond Pump is fitted with a strainer with adjustable inlet hole size (see illustration 1). By rotating the strainer slightly clockwise the hole size is reduced to 5mm, counter-clockwise increases the hole to 10mm. The strainer can also be removed for cleaning. Turn the strainer to the central position as shown in the illustration 2, allowing the four locking tabs in the centre of the strainer to be pushed outwards. The strainer can then be removed to allow for cleaning and maintenance. DO NOT OPERATE THE PUMP WITHOUT THE STRAINER!



WARNING: When servicing or attending pump, always ensure power is switched off and lead unplugged. Electrical connections should be serviced only by qualified persons.

Illustration 1



Illustration 2



Motor Cooling

Dynapond pumps rely upon water flow around the motor shell for correct motor cooling. Do not operate the pump without flow through the pump.

Dynapond pumps are only suitable for fully submerged operation.

Power Connection

A power connection point should be provided by a qualified electrician, in compliance with the requirements of Australian/New Zealand wiring rules AS 3000 (2000). Dynapond models are rated for 220/250 Volts, 50Hz operation, and may be connected to a standard 10 amp power outlet.

Dynapond models have automatic reset thermal overload protection built in, ie. should overload on motor cause thermal to open circuit and switch motor off, it will automatically reset and switch the motor on when the motor has cooled down sufficiently, usually within 15 to 20 minutes.



NOTE:

1. Long extension leads should be avoided as they often have insufficient current carrying capacity to run electric motors, hence they can cause substantial voltage drop and operating problems.
2. Minimum voltage at the electric motor must not fall below 216 Volts for single phase, otherwise motor damage may result which is not claimable under guarantee.
3. If the electrical fittings in your country make it necessary to remove the plug from the lead fitted to the motor, care should be taken to ensure that the earth conductor green/yellow in the lead is properly connected to a good earth. This work should be undertaken by a suitably qualified person.



During servicing, use only approved, non-petrochemical based oring and gasket lubrication. If unsure, consult your Davey dealer for advice.

After Sales Service

For professional after sales service or repair contact your Davey dealer.
For assistance in locating your nearest dealer contact the Davey Service Center on telephone number below.

Fault Checks

- A) **Pump will not start:**
- Check to ensure power is available and the outlet is switched ON.
 - Blown fuse or tripped circuit breaker (replace/reset or call an electrician).
 - If an extension lead is fitted, check connection.



NOTE:

If fitting an extension lead a **QUALIFIED ELECTRICIAN** should be consulted to ensure correct rating is provided. Extension leads are not allowed for permanent installations.

- Impeller jammed - disconnect from power supply, and ensure impeller is free to rotate.
- Thermal cut-out switch has not reset (wait 15 to 20 minutes).

- B) **Pump runs, but does not pump water or pumps insufficient water:**

- Pump not submerged.
- Strainer, impeller and/or discharge pipework blocked.
- Impeller damaged.
- Air lock in discharge pipework. Ensure pump is filled with water.
- Excessive back pressure or lift.

- C) **Pump will not stop:**

- Must be switched off at the power supply.

- D) **Pump runs for short periods only (the overload protection has tripped):**

- Some foreign body is clogging the impeller.
- The liquid temperature is too high.
- Pump operating in non submerged position.
- Electrical fault.

Do not run the pump dry as this will damage the seal and reduce the life of the pump.

The pump should be regularly checked. It might become necessary sometimes to clean the suction strainer, impeller and/or discharge pipework.

With simple cleaning and regular examination this pump will give long and reliable service.