



Warranty

Your new POOLRITE Quietline SQI Series Pump is manufactured to the highest possible standards and most up-to-date technology. Accordingly the equipment carries the following warranty, should a fault occur due to faulty manufacture or materials. In the event of a fault covered by warranty occurring, the purchaser must, in the first instance, contact Poolrite Equipment Pty Ltd or the closest authorised distributor.

POOLRITE warrants that the Quietline SQI Series Pump will operate effectively for the specified periods subject to the following conditions:-

- 1. The warranty covers the Quietline SQI Series Pump and extends to the workmanship and materials used in the manufacture of the unit only. POOLRITE specifically disclaims any liability for any consequential loss or damage which may result from the use of the Quietline SQI Series Pump.
- 2. The Quietline SQI Series Pump is warranted against manufacturing defects only for a period of 3 years from date of purchase, in which event POOLRITE shall, as its sole operation, either repair or replace such damaged units delivered to POOLRITE or its authorised distributor.
- 3. This warranty extends only to:
 - (i) within the borders of Australia and New Zealand.
 - (ii) A Quietline SQI Series Pump that is installed and maintained strictly in accordance with POOLRITE's instructions, and/or installed by agents duly authorised by POOLRITE without alterations or modifications of any nature whatsoever.
 - (iii) The Quietline SQI Series Pump returned to the distributor from which it was purchased or to POOLRITE at the purchaser's expense.
- 4. This warranty excludes:
 - (i) Damage arising from abnormal use, lack of care, extreme exposure to the elements or chemicals or fact beyond the control of POOLRITE.
 - (ii) The POOLRITE warranty supersedes all other warranties whether expressed or implied.

POOLRITE accepts no responsibility for loss, damage or injury to person or property arising from warranty failure of equipment, or installation of that equipment. Unless with the express authority of POOLRITE any repair or replacement shall be provided only by POOLRITE or its authorised Distributors and this warranty shall not extend to any expenditure otherwise incurred.

Troubleshooting

If the Pump and Motor runs but there is little or no water flow, the following conditions may apply:					
Check to see if the Filter needs cleaning or is blocked.	Pump is not primed.	Air leaks in suction lines .	Blockages	Water on ground under the Pump and Motor usually indicates a damaged Pump Shaft Seal	Pump unable to draw water from the pool
Refer to Filter Instruction Manual.	Re-prime as per instructions in "Starting Pump".	Check for air bubbles under Clear Lid and tighten.	Check Strainer Basket and Pool Skimmer Basket are free of obstruction.	This should be repaired immediately or further damage may occur.	Check Strainer Basket and Pool Skimmer Basket are free of obstruction. If a blockage is suspected inside the Pump or in the Pipework the advice of your pool ician should be sought.

If the motor does not run, the problem could be that:			
Power not connected	Overload tripped	Blockage preventing Pump from rotating.	Motor fused or "burnt out"
Check power point by plugging in a portable appliance to ensure power is available. Also check Fuses and Main Power Supply Switch	Poolrite Motors incorporate an Internal Switch that will reset automatically after the Motor has cooled.	If a Pump or Pipework blockage is suspected that is preventing the motor from rotating, the advice of your pool service technician should be sought.	"Burning" smell evident - replacement may be required.

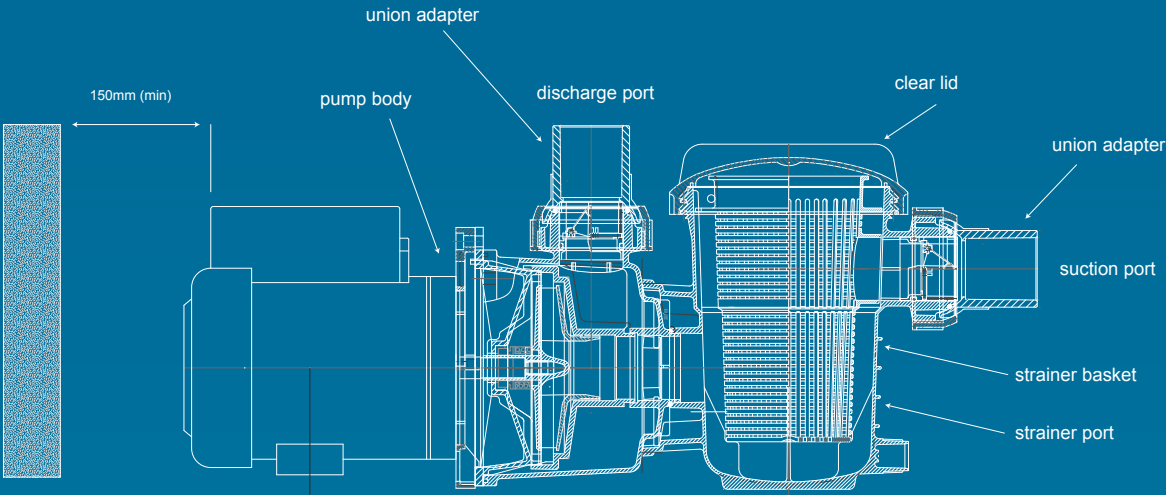
Warning

The Pump Motor is an electrical device and as such should not be disassembled or serviced by anyone other than an authorised Poolrite Service Technician or qualified Electrical Service Company. This appliance is not intended for use by young children or infirm persons unless they have been adequately supervised by a responsible person to ensure that they can use the appliance safely.

Young children should be supervised to ensure that they do not play with the appliance.

Also, any other problems that cannot be corrected by routine maintenance should be attended to by an experienced Pool Service Technician.

Safe Use and Care



Installation

Location

- 1

Install at a distance no more than 12 metres from the Pool or Spa and no more than 1 metre above water level or 1 metre below water level. If the pool is to be installed outside these parameters, seek the advice of your local Poolrite Distributor.
- 2

The Pump should be placed on a secure and level concrete or similar base 600 x 300mm in size (Pump only) and should be placed in a location that cannot be flooded by storm water or by accidental immersion.
- 3

The rear of the Motor should be no closer than 150mm from a wall, fence or any other barrier to allow for adequate airflow to cool the Motor.

Pipe Connection

- 1

The Suction and Discharge Ports are provided with Union Adaptors for quick disconnection. These connectors will accept either 40mm or 50mm PVC pipe and should be joined to the pipe with PVC Solvent Cement. Suction lines should be no smaller than as follows:-

Pump Model	Max Suction Line Length	Min PVC pipe size
SQI 400	12m	50mm
SQI 500	12m	50mm
SQI 600	12m	50mm
SQI 00	12m	2 x 50mm

- 2

Discharge pipe should be no smaller than 40mm for Pump sizes SQI 400, SQI 500 and SQI 600. Pump SQI 700 should use 50mm pipe.
- When installed below water level, Shut-off Valves should be fitted to the Suction and Discharge Lines which should be free from air leaks. The discharge from the Pump Outlet should be connected to the Inlet of the Filter and the Suction Port connected to the Skimmer Box or Suction Outlet from the Pool or Spa.

Weather Protection

- 1

The SQI Pump is completely Weatherproof and therefore no enclosure is necessary. However should it be desirable to install the Pump in an enclosure, the enclosure must have both a ventilation inlet and outlet opening to allow cooling airflow around the Pump Motor. Each opening should be at least 200 sq cm in area as close as practicable to the Pump.

Power Connection

- 1

The Quietline Pump is designed to be connected to a nominal 240 volt 50Hz power supply and is supplied with a 1.8 metre lead and 3 Pin Plug. A Weatherproof 3 Pin Power Point should be fitted by an electrician in a dry place, shielded from pool water splash over.
- EXTENSION LEADS ARE NOT RECOMMENDED FOR USE WITH THIS EQUIPMENT BECAUSE THEY ARE UNSAFE IN AND AROUND THE POOL ZONE.



Operation

Starting the Pump

Before switching the pump ON check that all Pipework is properly sealed and that the pool water is at the recommended level (check with your Pool Builder).

- 1

First prime the Pump by removing the Clear Lid by loosening the Clamp Knobs and allowing them to swing aside. Fill the Strainer Pot with water to the Suction Port. Replace the Lid ensuring that it is sealed on the Gasket properly. Do not overtighten the Clamp Knobs.
- 2

Connect to power supply and switch ON.
- 3

Allow Pump to run discharging the water back to the pool.
- 4

If flow is not established within approximately 1 minute, switch off the Pump and repeat procedure. Continued failure to prime may indicate an air leak in the suction line which should be rectified.

Routine Maintenance

The Strainer Basket should be inspected frequently through the Clear Lid and emptied as follows when a build-up of rubbish is evident.

- 1

Switch off Pump.
- 2

Remove Clear Lid.
- 3

Remove Strainer Basket.
- 4

Empty accumulated rubbish and hose Strainer Basket clean.
- 5

Replace Strainer Basket.
- 6

If Strainer Pot has emptied of water, repeat steps in "Starting the Pump".

Water Leaks

- 1

Water leaking from under the Pump and Motor should be attended to immediately as this would indicate a failure of the Pump Shaft Seal. If this seal is not immediately replaced damage may occur.
- 2

Pool water leaking onto the pump motor from associated plumbing should be attended to immediately before damage occurs.

Motor Noise

- 1

If the Pump Motor starts to get "noisy" the Motor should be checked by a Pool Technician to ascertain whether the Motor Bearings need replacement. This should be attended to immediately as Bearing failure may cause Motor burn out.

Large Air Bubbles Under Strainer Pot Lid

- 1

Check the Gasket under the Clear Lid and check the pipe connection to the Suction Port at the front of the Pump to make sure it is tight - do not overtighten.

Chemical Balance Guide

- 1

Your SQI Pump is designed to be used for swimming pool water, which needs to be balanced in accordance with Langlier Saturation Index, with a pH level of 7.0 to 7.8 and maintains the recommended levels of sanitizer. (i.e 2 - 3 ppm of free chlorine). Regular water analysis and advice on correct addition of chemicals and/or products to achieve suitable water quality and balance by a reputable professional pool shop will ensure bather health and comfort and extended equipment service life.