



CLAYTECH PSP530 - 810679








Introduction

Thanks for choosing the ClayTech PSP530 puddle pump, a manually operated light duty, occasional use pump suitable for pumping mostly clean water with minimal soft solids or other contamination.

The PSP530 is a 'puddle sucker' type. Once primed and pumping, it will pump down to depths less than 3mm making it ideal for basement or garage drainage applications.

The PSP530 is an uncomplicated electrical appliance, and the purpose of this manual is both to ensure user safety and to prolong the lifespan of the product by highlighting 'best practice'.

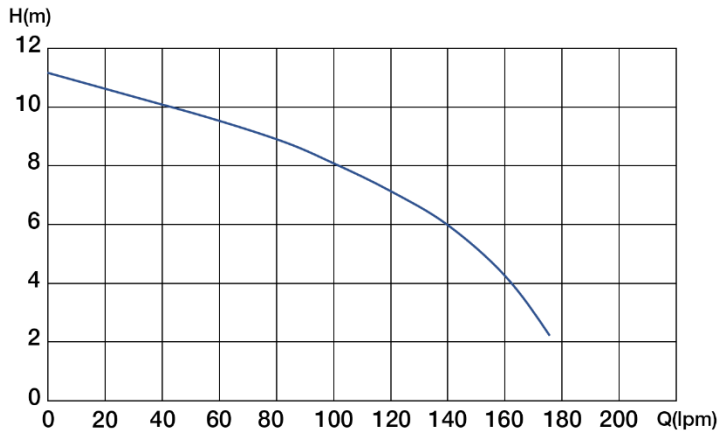
Benefits	Features	Cautions
<ul style="list-style-type: none"> • Light and compact - easy to use • Once primed and running can pump down to very low levels 	<ul style="list-style-type: none"> • Quality pump materials and construction to ensure reliable operation • Outlet can be configured for vertical or horizontal operation 	<ul style="list-style-type: none"> • Not intended for submersion greater than 3m • Not intended for continuous operation such as water features or fountains • Not suitable for potable water applications • Not for use with biological wastewaters

	Warning - Electrical safety
	Warning – Potential consequences of use outside of intended application(s). Includes environmental condition warnings
	Mandatory warning
	Warning to disconnect power
	Read carefully



**The pump must not be disposed of with normal household waste.
Dispose of in accordance with local environmental regulations.**

Technical Data








NEVER use the PSP530 to pump:

- Corrosive, easily combustible, aggressive, or explosive liquids such as petroleum products
- Saltwater; acceptable pH 6.5 – 8.5
- Water with high sand or solids content.
- Potable water including water used in the preparation of food
- Biological wastewater

RATED POWER (W)	530W	RATED VOLTAGE	220 – 240V 50Hz
MAX. FLOW [LPM]	170 lpm	RATED CURRENT	2.0 Amps @ 230V
MAX. HEAD [M]	11m	POWER CABLE LENGTH	10m H07RNF
WORKING TEMPERATURE	<40°C	PROTECTION CLASS	IPX8
LIQUID TEMPERATURE	3 - 40°C	IMPELLERS	Single impeller
MAX. IMMERSION DEPTH	10m	HYDRAULIC BODY	AlSi12 with industrial grade coating
MAX. DIA. OF PARTICLE	< 2 mm	OUTLET	1" DN hose tail
MOTOR DUTY	S1 Continuous	SEALS	Graphite/Ceramic
MOTOR PROTECTION LEVEL	Class B	AUTOMATIC FUNCTION	None. Manual operation only
MOTOR PROTECTION	Auto resetting thermal overtemp and overload	NET WEIGHT [KG]	Pump 13.5 kg
CAPACITOR	10UF +/-5% 450V	PACKAGE DIMENSION	230 x 230 x 270mm
MOTOR SHAFT	SS 201		

Warnings

	Prior to starting installation or any maintenance the pump must be disconnected from the power supply.
	Any changes or modifications, especially to the wiring, must be carried out by suitably qualified personnel.
	To avoid excessive thermal shock to the motor the pump should not start more than 20 times in any one-hour period.
	This appliance is not intended for use by persons (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.
	Running the pump without water or allowing the pump to run dry will damage the seal voiding the warranty

Installation & Operating Instructions

The ClayTech PSP530 is a manually operated, light duty, occasional use pump suitable for use pumping lightly soiled water containing some soft solids.

These pumps should never be used to pump flammable or corrosive fluids or to be used in an area than may have explosive atmospheres, such as in the presence of flammable liquids, gases or dust.



Avoid the use of adapter plugs. Unmodified plugs and matching sockets will reduce risk of electric shock. Do not use the pump if safety devices are damaged or unreliable. Never deactivate safety devices.



Take care with the power lead. Never use the lead for carrying, pulling or unplugging the pump and keep the lead away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.

If it is necessary to use an extension cord, ensure it is suitable for outdoor use to reduce the risk of electric shock.

Overly long or lightly rated extension cords can create a voltage drop and shorten the working life of the pump



The pump should be connected to (10 amp) power and a residual current device or RCD with a nominal trip current installed in compliance with the requirements of AS/NZ 3000.



The pump has an automatic reset thermal overload protection built in. This thermal overload will switch the motor off in an overload/overtemperature situation and will automatically reset when the motor has cooled down.

Unplug the equipment from the mains before any interventions.



Trouble Shooting Guide

Symptom	Check	Suggested Actions
The motor does not start and makes no noise.	Is the pump plugged in?	Check the electrical supply.
Pump does not deliver.	Does the impeller rotate? Is it in good condition? Is the pump inlet free? The delivery head requested may exceed the performance of the pump or the discharge pipe is too narrow.	Eliminate any reasons for blockage. Clean the pump inlet. Ensure the pump is used accordance with its technical capabilities.
The pump stops suddenly	Check there is sufficient water level? Intermittent pump inlet obstruction? Has the pump run for a long time without stopping? (Thermal protection activated?) Is the temperature of the liquid less than 35°C?	Check the sump for water level and any possible contamination which could interrupt water supply. Disconnect the pump from the mains and let it cool. Observe the maximum allowable temperature (40°).
Flow decreases	Is the pump inlet clean? Is the impeller clean? Ensure the discharge pipe is not partially clogged.	Inspect and clean the suggested areas.
Low flow or insufficient flow	Are you sure that the pump inlet is not obstructed? Is the impeller clean? Are you sure that the outlet pipe is not obstructed? Is the diameter of the discharge pipe big enough?	Clean the zone(s) concerned and verify check valve (if fitted). Connect a pipe of a suitable diameter. Eliminate obstructions or kinks in the discharge pipe.

Warranty

The pump warranty period is 1 year from the date of purchase.
Warranty applies to manufacturing or material defects.

The unit must always be handled properly according to instruction manual.
The unit must not have been modified or have been repaired by any person other than authorized service agents

Warranty no longer applies in the following cases:

- Non-compliance with the instructions especially non-protection against freezing, pumping sand, dry running, incorrect electrical connection
- After attempting to repair the unit
- Changes in the technical elements of the pump
- Use of replacement parts other than original.
- Damage / malicious (dropping or external damage)
- Inappropriate use (e.g., industrial, continuous operation), and in particular passage of hard and heavy particles (stones, or sticks), passage of an excessive amount of sand, salt water, water with high lime content, liquid with a high vegetable matter content i.e. grass or leaves
- Lack of maintenance or cleaning

A repair or exchange with a new product during the warranty period does not extend the original warranty period.

Any claim against warranty on a 'return to base' basis and must be accompanied by all accessories. Proof of purchase and proof of sale will be required along with a full and clear explanation of the issue or observed symptoms/behaviours. Installation photos will expedite the process.

Warranties – Terms and Conditions

This warranty is given in addition to the consumer guarantees found within the Australian Competition and Consumer Act 2010 (Cth) for goods purchased in Australia and the Consumer Guarantees Act 1993 NZ for goods purchased in New Zealand:



1) White International Pty Ltd / White International NZ Ltd (White International) warrant that all products distributed are free from defects in workmanship and materials, for their provided warranty period as indicated on the top or opposite side of this document. Subject to the conditions of the warranty, White International will repair any defective products free of charge at the premises of our authorised service agents throughout Australia and New Zealand if a defect in the product appears during the warranty period. If you believe that you have purchased a defective product and wish to make a claim under this warranty, contact us on our Sales Hotline on 1300 783 601, or send your claim to our postal address or fax line below and we will advise you as to how next to proceed. You will be required to supply a copy of your proof of purchase to make a claim under this warranty.

2) This warranty excludes transportation costs to and from White International or its appointed service agents and excludes defects due to non-compliance with installation instructions, neglect or misuse, inadequate protection against the elements, low voltage or use or operation for purposes other than those for which they were designed. For further information regarding the suitability of your intended application contact us on our Sales Hotline on 1300 783 601. If you make an invalid claim under this warranty, the original product will be sent back to you unrepai red.

3) This warranty refers only to products sold after the 1st January 2012, and is not transferable to another product type and only applies to the original owner, purchaser or end user, and is in addition to the consumer guarantees found within the Competition and Consumer Act 2010 (Cth) for goods purchased in Australia and the Consumer Guarantees Act 1993 (NZ) for goods purchased in New Zealand.

4) Our goods come with guarantees that cannot be excluded under the Australian Consumer 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. 2 YEAR WARRANTY.

5) To the fullest extent permitted by law, White International excludes its liability for all other conditions or warranties which would or might otherwise be implied at law. To the fullest extent permitted by law, White International's liability under this warranty and any other conditions, guarantees or warranties at law that cannot be excluded, including those in the Competition and Consumer Act 2010 (Cth), is expressly limited to: (a) in the case of products, the replacement of the product or the supply of equivalent product, the payment of the cost of replacing the product or of acquiring an equivalent product or the repair of the product or payment of the cost of having the product repaired, is at the discretion of White International or a 3rd party tribunal elected under the Competition and Consumer Act 2010 (Cth) for goods purchased in Australia and the Consumer Guarantees Act 1993 (NZ) for goods purchased in New Zealand; and

6) To the fullest extent permitted by law, this warranty supersedes all other warranties attached to the product or its packaging.

7) In the case of services, supplying the services again or the payment of the cost of having the services supplied again, is at the discretion of White International or a 3rd party tribunal elected under the Competition and Consumer Act 2010 (Cth) for goods purchased in Australia and the Consumer Guarantees Act 1993 (NZ) for goods purchased in New Zealand. 8) Our warranty commences from the date of purchase of the above-mentioned pumps. Proof of purchase is required before consideration under warranty is given.

Record your date of purchase in the space below and retain this copy for your records.

Date of Purchase**Model Purchased**



www.whiteint.com.au

www.whiteint.co.nz

Please always refer to our website for further technical information & new product innovations

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