



PLUNGIE CARE GUIDE

# Plungie Care Guide

Initial Start-Up + Pool Maintenance



## Contents

<b>Warranty Registration</b>	<b>3</b>
<b>Product Specifications and User Manuals</b>	<b>4</b>
<b>Initial Start-Up</b>	<b>5</b>
<b>Pool Maintenance</b>	<b>6</b>
<b>FAQ</b>	<b>7</b>

This information is offered as a general guide only, and specific advice should always be sought from your local pool shop.

Whilst Plungie Pty Ltd has made every effort to ensure the accuracy and effectiveness of this information, we make no representation as to the accuracy or effectiveness of the information and take no responsibility for any loss, damage or injury which may be caused as a direct or indirect result of the use of this information.

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# — Before you dive in!

Plungie is an award-winning, world-first product that's pioneering the future of swimming pools; bringing the fastest, easiest and highest quality concrete pool to the market.

Before you dive in, there are a few steps which need to be followed to ensure your new Plungie is ready for your first swim.

The following guide will step you through these requirements and have you and your family swimming and enjoying your new Plungie!

## Register your warranty

Please take a moment to register your warranty. This will allow us to contact you in regards to important product notifications and ensure that you enjoy your Plungie for many years to come.

Prior to registering, you will need the URN that is located within the skimmer box of your Plungie.

**To register please go to:** [www.plungie.com/warranty-registration](http://www.plungie.com/warranty-registration)



**Click here** to download a copy of your **Plungie Warranty**

## Plungie Warranty Card

Please complete the information below for your records and register your details online via the link above.

Name: .....

Date of purchase: .....

Plungie model:    Arena       Studio       Original       Max

Installation:    In-Ground       Semi Recessed       Above Ground

Date of installation: .....

Address of installation: .....

.....

Dealer: .....

Builder: .....

URN: .....

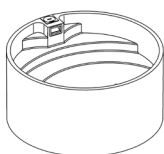
(URN located within the skimmer box)



# Product Specifications

## Plungie Model

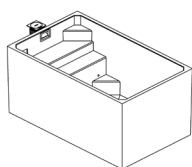
### Arena



[Download Plungie Arena Specification](#)

Diameter	External 3500mm	Internal 3200mm
Height	External 1690mm	Internal 1590mm
Volume	9,150 L	
Dry Weight	7,000 kg	
Bench Space	3.2 m <sup>2</sup>	

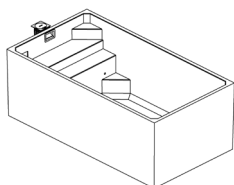
### Studio



[Download Plungie Studio Specification](#)

Length	External 3600mm	Internal 3420mm
Width	External 2200mm	Internal 2020mm
Height	External 1690mm	Internal 1590mm
Volume	8,000 L	
Dry Weight	6,800 kg	
Bench Space	2 m <sup>2</sup>	

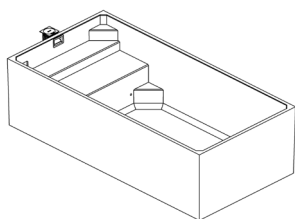
### Original



[Download Plungie Original Specification](#)

Length	External 4600mm	Internal 4400mm
Width	External 2500mm	Internal 2300mm
Height	External 1690mm	Internal 1590mm
Volume	14,000 L	
Dry Weight	8,600 kg	
Bench Space	2.2 m <sup>2</sup>	

### Max



[Download Plungie Max Specification](#)

Length	External 6000mm	Internal 5820mm
Width	External 3000mm	Internal 2820mm
Height	External 1690mm	Internal 1590mm
Volume	20,100 L	
Dry Weight	11,800 kg	
Bench Space	4 m <sup>2</sup>	

## ecoFinish



Kona Coast



Sahara Sand



Blue Lagoon



Mediterranean  
Blue



Grey Reef



French Grey

## Add-ons + Equipment

### Plungie Pool Shell

ecoFinish

ecoFinish Waterline Tile Provision

Raw Concrete Internal

### Add-ons

Ferrules (Glass Balustrades / Doweling)

Umbrella Holder Provisions

Spa Jet Package (Manual, In-line)

Spa Jet Package (Automated, In-line)

### Base Equipment Package

[Henden Single Speed Pump 300](#)

[Henden Cartridge Filter 100](#)

[Henden Salt and Mineral Chlorinator 15](#)

### Eco Equipment Package

[Henden 3 Speed Pump](#)

[Henden Cartridge Filter 100](#)

[Henden Salt and Mineral Chlorinator 15](#)

### Smart Eco Equipment Package

[Henden 3 Speed Pump](#)

[Henden Cartridge Filter 100](#)

[Henden Smart Chlorinator 15](#)

### Heat Pumps

[Henden Inverter Heat Pump \(14kW\)](#)

[Henden Inverter Heat Pump \(17kW\)](#)

[Henden Inverter Heat Pump \(20kW\)](#)

### Heat Pumps

[Henden H3 Robotic Pool Cleaner](#)

### Other

[Poolrite InnoSkim Skimmer Box](#)

[Poolrite Junior SQ Series Pump 750](#)

[Poolrite C Series Cartridge Filter CLI100](#)

[Poolrite Xtreme Chlorinator XT15](#)

# Initial Start-Up

## Before filling your Plungie

### Cleaning your Plungie

#### 1. Clean

A thorough clean of the interior surface is required before filling your pool. We recommend a 30:70 hydrochloric acid / water solution to remove any silt or debris that has formed during construction.

Apply the mixture to the ecoFinish surface and gently remove using a soft bristle brush until clean. Immediately wash clean using fresh water supply such as your garden hose.

**Safety Warning:** Before commencing acid washing your pool, ensure you have all the correct PPE and equipment required to do the job and in the right conditions. Acid is a caustic substance that requires specific precautions to ensure safety.

2. Remove all equipment and items from skimmer box.
3. Empty the skimmer filter basket from debris.
4. Ensure the hydrostatic valve is installed.

### What is a Hydrostatic Valve?

During heavy rainfall or flooding ground water pressure builds up underneath the pool shell. If this pressure isn't relieved, your pool may float off of its footing. The hydrostatic valve is a one way valve that releases this ground water pressure into the pool, thus preventing floating. In periods of heavy rain an empty pool is at higher risk of this occurring so our Plungies are delivered with the valve provision in the shell of the pool left open.

### Hydrostatic valve installation

Your hydrostatic valve must be fitted before you fill your pool. The hydrostatic valve is located within your skimmer box, including instructions and a small tool used to fit the hydrostatic valve to ensure a tight seal.

**Important:** Ensure the area around the hydrostatic valve is completely clear of debris before installation. The smallest amount of debris can cause leaks and issues with your pool.

[📎 Hydrostatic Valve Installation Guide](#)

## Pool safety

There cannot be any compromise on pool safety. Unfortunately, one of the leading causes of accidental deaths and injuries in children happen in or around a pool. Implementing safety precautions and general pool safety knowledge is your best line of defence.

As per pool safety standards, you must display a compliant CPR (cardiopulmonary resuscitation) sign. This sign must be attached to the pool fence or barrier, or somewhere near the pool so it is visible to anyone near the pool. Ensure your CPR sign complies with the Australia Resuscitation Council's resuscitation guidelines.

## Initial start-up

### Fill

Fill your pool in accordance with Council requirements, ensuring the pool is filled until the water level is  $\frac{1}{2}$  -  $\frac{3}{4}$  way up the skimmer opening to ensure debris is collected effectively. This may take up to 24 hours depending on the size of your pool.

While pool is being filled, add McGrayel EasyCare StartUp-Tec dosage as per the chart below. Speak with your local pool shop for an alternative suitable product.

Plungie Model	Startup Dosage (must add at initial filling)		
	Pool Size	Summer Start Up	Spring / Autumn Start Up
Arena	9,150 L	240 mL	480 mL
Studio	8,000 L	210 mL	420 mL
Original	14,000 L	370 mL	740 mL
Max	20,100 L	530 mL	1,060 mL

### Initial Balancing

It is important to ensure your pool water is balanced at all times, any issues or damage to your pool surface as a result of poor water chemistry are not covered under warranty.

#### 1. Analyse your water after filling

Take a sample of water to your local pool shop. They will analyse your pool water and recommend the appropriate products and quantities to be added to your pool. Make sure you advise the pool technician of the size or volume of your pool, type of operating equipment installed and the interior finish.

#### 2. Balance

When starting up your sanitisation system, Plungie recommends the use of Revive Pool salt in conjunction with advice based on your water analysis as per Step 1.

Recommended amount of **Revive - Balanced Multi-Mineral Formula** (10kg bag) is as follows per pool:

Arena: 4 bags	Original 6 bags
Studio: 4 bags	Max 8 bags

For all other brands of salt / mineral formula, please refer to the specific instructions on the bag as the amounts may vary.

### Initial start-up

Refer to relevant pump and equipment product manuals on general guidance of equipment start-up.

Things to note:

- Never start the pump without water as this may cause damage to the pump.
- Ensure that all plumbing line valves are installed.
- Run the pool filter continuously for the first 24 hours.
- Your pool filtration system should run for 8 hours per day in summer and 4 hours per day in winter (if not in use) to ensure the chemicals work effectively and the water is filtered.

# Pool Maintenance

## Ongoing maintenance

Maintaining your Plungie can improve swimmer comfort and safety. It can also dramatically extend the life of the pool and equipment. Below are some important steps to include in your maintenance routine:

### Daily

- » Use a skimmer net to gather up leaves, insects and any other debris floating on the surface of the pool.

Skimming the surface of your pool takes just a few minutes and keeps water clear. This prevents the leaves from gathering at the bottom of the pool impacting water quality and possible staining.

### Weekly

- » Brush the pool walls and fixtures to remove dirt and prevent the spread of algae and vacuum any debris from the bottom of the pool.
- » Empty and clean the skimmer basket, especially in windy weather where more leaves and debris can fall into the pool.
- » Clean and maintain the pool filter as per the manufacturer's instructions.
- » Balance your pool

### Monthly

- » Check the pool water level is  $\frac{1}{2}$  -  $\frac{3}{4}$  way up the skimmer opening and top-up pool water if necessary.
- » We recommend a monthly service scheduled with your local pool shop.

## Balancing your water

It is important to regularly test the pool water and balance to the recommended levels:

**PH:** 7.2 – 7.6 (Ideal 7.4)

**Total Alkalinity (TA):** 100 – 200 PPM (Ideal 120)

**Calcium Hardness:** 200 – 300 PPM (Ideal 205)

## Caring for your ecoFinish

The maximum water temperature for ecoFinish is 34 degrees celcius. We do not recommend this internal finish for Plungie's where the water temperature will be consistently at or above 40 degrees.

To protect the lifespan of your internal finish, ensure that your pool water is balanced weekly and the PH, Total Alkalinity and Calcium Hardness parameters are maintained.

## Damage to your ecoFinish

Our ecoFinish pool coating is incredibly strong, yet very flexible polymeric material. If damage does occur to your pool surface, in or out of warranty, let us know the details by completing our online [Plungie Warranty & Defects](#) form and someone from our support team will be in touch.

# FAQ

## Cleaning your pool

### What is ecoFinish?

ecoFinish is an internal high-performance thermo polymer coating that's sprayed and heated onto the internal shell of the pool, forming a completely flexible waterproof membrane that's both luxurious to the touch, and highly durable. To ensure this is done without causing damage to your Plungie please refer to our ecoFinish care instructions within this guide.

## Your local pool shop

Your local pool shop is the best source of information and guidance on your pool care. There are many factors that can affect your pools performance and your local pool shop are the experts in dealing with this.

## Water quality

### My water is looking dull / cloudy, how do I treat it?

Cloudy and murky water can be from a chemical imbalance or several other factors including pool algae, filter maintenance or debris in the pool. It is important to test your pool water regularly, contact your local pool shop for guidance and adjust if required.

### I have algae in my pool how do I treat it?

Unchecked algae growth can turn the swimming pool cloudy or green and results in foul odours and tastes. If you notice algae growth in the pool, then it may need a super chlorination, shock chlorination or algicide treatment. For any algae treatments we recommend taking a sample of your pool water to your local pool shop for specific guidance.

**Green Algae:** When the pool is tinging green or you cannot see the bottom. A combination of chlorine and chemicals may be required as maintenance.

**Mustard Algae:** If your pool is appearing dusty, yellow or mustard in colour it will require balancing and a dosage of "algae eliminator". Ensure this is applied to any leaf rakes, brooms, pool toys and anything that goes into the pool. Repeat "algae eliminator" again in 14 days.

## Balancing your pool

### My supermarket has salt and some chemicals cheap, are they safe to use?

It is important to always use reputable brand-name chemicals, as cheaper products often contain impurities (such as metals) that can stain or even damage pool equipment.

### Can unbalanced water damage my pool equipment?

Yes, unbalanced water may dissolve your pool plumbing and equipment or cause scale formation. Corrosive water can also damage metal parts in contact with the water, as such pool heaters can prematurely fail due to this.

### What impact does rain have on the quality of pool water?

Rain can introduce contaminants from run off and/or air pollution. Contaminants can alter the pH, total alkalinity, phosphate levels, nitrate levels and chlorine levels of your pool water. All of which may affect the water balance and sanitation of the pool in addition to promoting algae growth.

In heavy rain seasons, it is important to test your pool water daily or take a sample each week to your local pool shop.

## Water levels

### Where should my water level be in the pool?

Our recommendation is 1/2 - 3/4 way up the skimmer box.

### I think my pool may be leaking, how can I check?

Your pool can lose 3-7mm per day from normal evaporation, and more with dry air and windy conditions

If you notice a substantial decrease in your pool's water level each day, initially we recommend conducting a bucket test to establish whether it is evaporation or a pool leak.

### How to conduct the bucket test?

1. Ensure that your pool is filled to its normal level, no greater than halfway up your skimmer box. (If you are filling above this point the pool will drain down to middle of the skimmer as there is an overflow drain point at the back of the skimmer)
2. Fill a bucket with pool water, leaving about 3cm from the top
3. Leave the bucket on the first step or just beside the pool
4. Mark the water level with tape on the skimmer face and the inside and outside of the bucket. It might be helpful to take a photo to refer back to
5. Turn your pump back on so it can continue operating normally
6. Compare both levels after 24 hours have passed

If the pool water level that's indicated by the mark on the outside of the bucket is lower than the water level indicated by the mark on the inside of the bucket, you may have a leak and this will require further testing. Keep in mind that the test is no longer valid if it rains, or the water levels are checked after approximately a 24-48 hour period.



[www.plungie.com](http://www.plungie.com)  
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