



Claytech CPT-8 Pressure Tank

811770



Introduction

The primary purpose of a pressure tank is to reduce the number of times the pump needs to start.

A pressure tank reduces noise and needless power consumption, saving energy (and therefore money) while extending the life expectancy of the pump.

By storing a volume of water against a gas 'spring', a supply of pressurized water is available to satisfy small draws offs.

A pressure tank will significantly improve the system efficiency with a controller that switches the pump off at low flow i.e. pressure controllers.

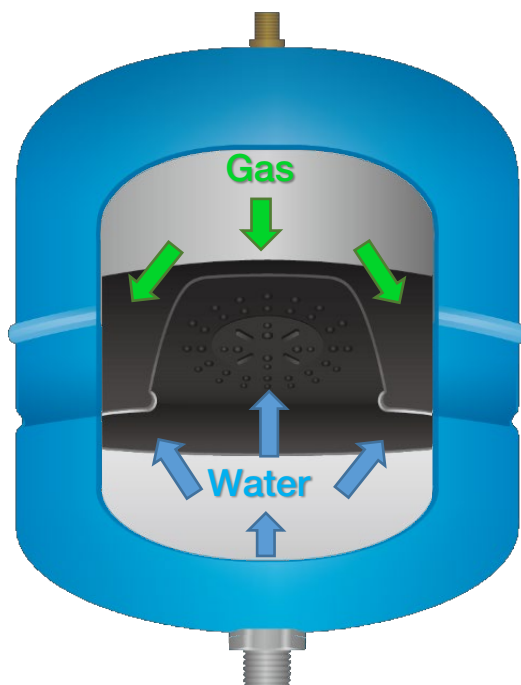
Many systems suffer small leaks and supplying the top-up water from a pressure tank will result in significant energy savings. Over its lifetime, a pressure tank will pay for itself many times.

Technical Data and Installation

Max working pressure 10 bar (147psi)

Maximum pre-charge 5.5 bar (81 psi)

Max operating Temperature 90 deg C



4 bar nitrogen pre-charge

Triple Layer paint

Cold rolled carbon steel

Butyl rubber diaphragm

Polypropylene liner

1" BSPT SS inlet



Respect the maximum pressure settings at all times.

Failure to follow instructions can cause a rupture or an explosion causing serious or fatal personal injury and/or property damage.



Installation and Pre-charge



Install the tank as close to the pump and controller as practical




A 3 way tee installed in the pressure discharge line is the most common method.

Support the weight of the tank to avoid strain on the pipework.

Before fitting, check the tank gas pressure is within +/-10% of factory 4 bar setting.

A pressure tank should NEVER accept more water than 1/3 of its total volume as it will stress the internal diaphragm leading to premature failure.

The tank gas pressure (without any water in it) should be around 2/3 of the maximum system pressure.

Pump Model		Max head	Tank gas pressure
C3X		35m	2.31 bar
C5X		43m	2.84 bar
Inox 230		35m	2.31 bar
Inox 240		48m	3.17 bar
Inox 250		60m	3.96 bar
C6X		35m	2.31 bar
Divertron C6		36m	2.38 bar
Divertron C7		46m	3.04 bar

Gas pressures higher than the recommendation will not harm the tank but will reduce the amount of water it holds and reduce its effectiveness.

In situations where water hammer occurs, higher pressures are suggested



Failure to set tank pressure correctly will void warranty

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**

Warnings

	This tank is intended for use in potable water systems only and any other use may be dangerous voiding the warranty. Aggressive water conditions can impact on the product life expectancy.
	Respect the maximum pressure settings at all times. Failure to follow instructions can cause a rupture or explosion possibly causing serious or fatal personal injury and/or property damage.
	The pressure tank and associated fittings must be installed with respect to all local regulations and guidelines.
	This pressure tank 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 or tamper with the pressure tank.
	A pressure tank with insufficient pre-charge pressure can stress the internal diaphragm leading to premature failure. For best results, a yearly pre-charge pressure check is recommended.
	Replace the tank if there is any sign of external corrosion.



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