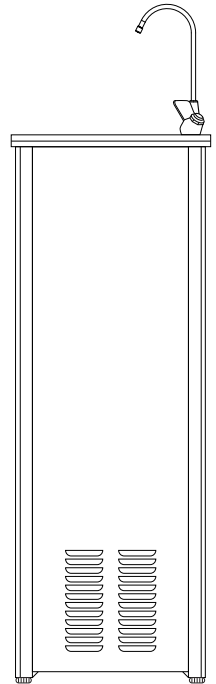




Puretec[®]
PERFECTING WATER



User Guide

D Series

Freestanding Water Chiller System



WaterMark
WMTS105:2016
Certificate No. 23291
Australian Certification
Services

JUN2020

For correct operation & installation, it is essential to observe these instructions.

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Product Information	
Distributor:	
Installer:	
Phone:	
Date Installed:	

Puretec Customer Service

Thank you for purchasing a Puretec Freestanding Water Chiller System. Your system is a proven performer manufactured from only quality materials and components and will give years of spring-like water, if maintained properly.

The Puretec filter supplied with the Freestanding Water Chiller System needs regular cartridge replacement to maintain optimum performance. This is a simple procedure when following instructions. For cartridge replacements contact your nearest Puretec stockist.

Customer Service Helpline **1300 140 140** (Australia) **0800 130 140** (New Zealand).

Introduction

The Puretec Freestanding Water Chiller System is designed to run economically for many years, dependent on the initial installation and periodical maintenance.

Flush systems for 10 minutes after any period of non-use more than 2 days.

The Freestanding Water Chiller System is designed to operate with mains water.

Installation Note: A water filter system/tap, like any product, has a limited life and may eventually fail. Also sometimes failure happens early due to unforeseen circumstances. To avoid possible property damage, this product should be regularly examined for leakage and/or deterioration and replaced when necessary. A drain pan, plumbed to an appropriate drain or outfitted with a leak detector, should be used in those applications where any leakage could cause property damage, and/or the water supply should be turned off if no one is home/present.

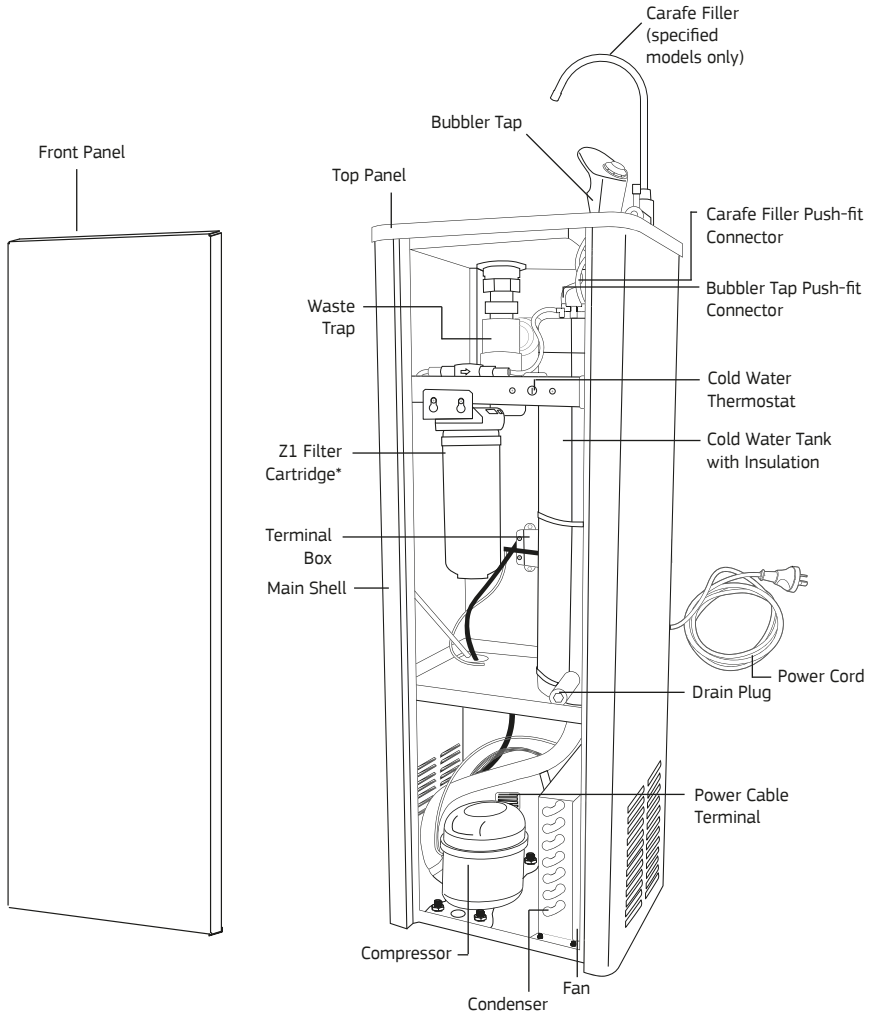
ALL INSTALLATION AND SERVICE WORK SHOULD BE COMPLETED BY QUALIFIED TRADESPEOPLE. FAULTY OPERATION DUE TO UNQUALIFIED PERSONS WILL RESULT IN VOIDED WARRANTY COVERAGE.

Cartridge Replacement

To maintain the high quality of the purified water the cartridges need changing every 6 - 12 months, dependent on water quality and usage. You can obtain replacement cartridges from your local Puretec dealer. To maintain performance standards and warranty, use only genuine Puretec replacements.

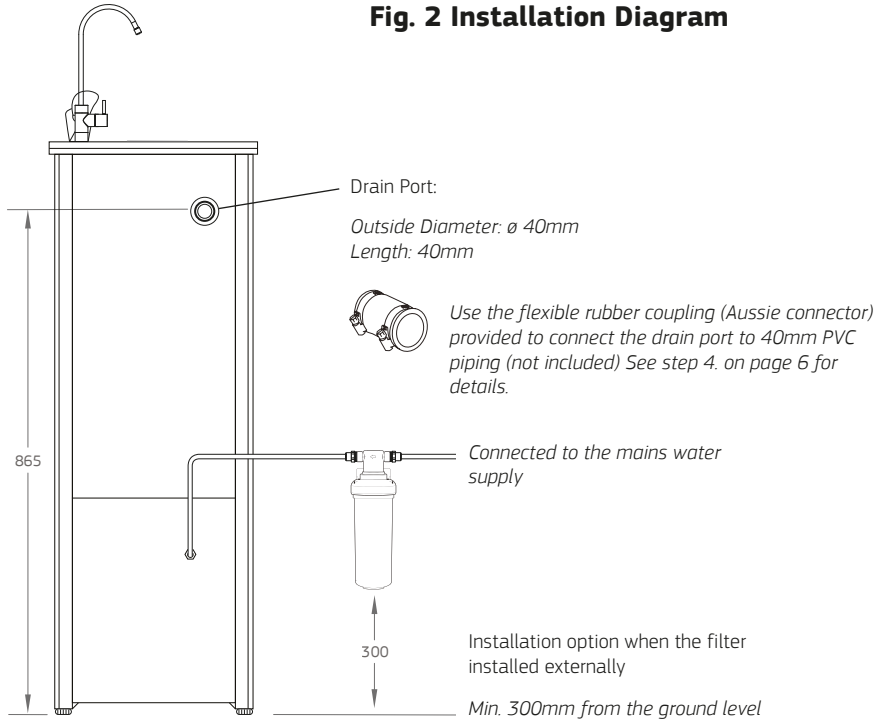
Replacement cartridge code for D Series model: **Z1-R**

Fig. 1 Parts Diagram



* Only D10I, D10IC, D20I, D20IC, D30I & D30IC Models have Z1 Filter installed internally on bubbler.

Fig. 2 Installation Diagram



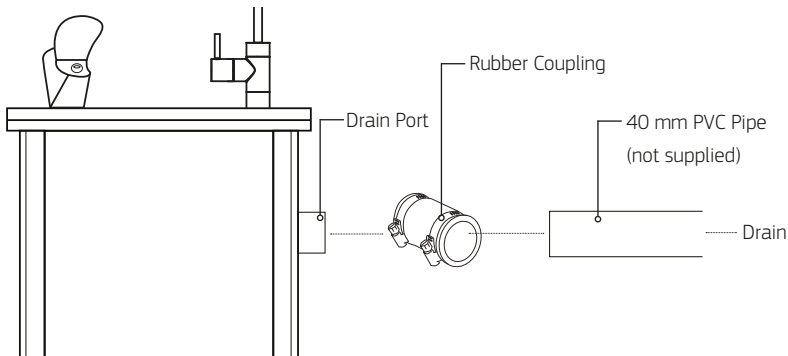
Installation Requirements

The following is a guide but the installer is responsible to comply with any local regulations that may be applicable to this type of installation.

1. Install near a convenient place to connect to a mains pressure water supply of drinking water quality and 220 - 240V/50Hz electrical supply.
2. Avoid areas exposed to excessive heat, humidity, rain, saltwater or snow or direct contact with water spray or splashing.
3. Avoid positions of direct sunlight or solar heat.
4. Install only on flat, level and well supported surfaces.
5. Avoid tilting the machine during installation. If the machine has been tilted excessively for more than a few minutes during or before installation, leave to stand for approximately one hour before switching on.
6. Allow an air gap of at 100 mm each side and at the front of the machine.

Installation

1. Once positioned and levelled remove the front panel
2. Assemble the carafe filler by inserting the gooseneck outlet into the carafe filler base that comes installed on the sink. Ensure the gooseneck outlet is pushed in hard until properly sealed.
3. An access port for the drain is provided at the rear of the cabinet.
4. Slide the rubber coupling onto the end of the drain port, and secure the coupling to the drain port with the hose clamp for a tight waterproof seal. Fit 40 mm PVC piping from the drain to the rubber coupling and secure with the hose clamp.



5. Connect the inlet water supply to the ¼" tube fitting at the rear of the cabinet and ensure there is an easily accessible shutoff valve on the water supply line. Fit a pressure reducing valve to regulate the water pressure if required - max 520 kPa.
6. Switch on the water and check all tubing and fittings for water leaks.
7. Open the quarter turn spindle on the carafe filler until water dispenses and then run the water for 1 minute to clear air pockets and flush the filter.
8. All Puretec freestanding chillers are supplied with a Puretec filter to ensure water of the highest quality. I models have the filter pre-installed internally. E models are supplied with the filter separately and will need to be installed (see External Filter Installation on page 9).
9. When new it may take up to 1 minute to fill the system prior to dispensing water.
10. Connect the power cord to a standard 240V powerpoint and switch on the electrical supply.

11. Refit the front panel.
12. Allow 1 hour for the water to cool before the water reaches its operational temperature.
13. To protect the compressor, allow the unit to stand for at least 1 hour after moving before switching it back on.

Operation & Maintenance

- Frequently clean the fountain using warm soapy water. Avoid all abrasive and corrosive cleaning materials.
- Do not pour any waste cleaning water down the drain to avoid blocking the drain trap.
- If the chiller is not used (e.g. more than 3 days) the power can be switched off to conserve energy.
- We recommend that the fountain is cleaned after any period of disuse.
- It will be necessary to change the filter after an extended period of disuse (e.g. more than 2 weeks).
- Keep the area surrounding the fountain clean and dry. In the event of any leakages, switch off the water and power and call Puretec.

Cartridge Changeout

Replacement cartridge code for D Series systems: **Z1-R**

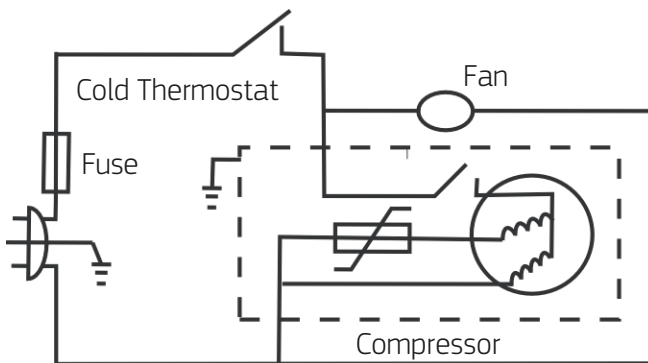
1. Turn off the water supply at an external shut off valve.
2. Remove all packaging from the new cartridge, including any wraps or caps (if applicable).
3. Rotate the old cartridge counter-clockwise 1/4 turn, pull it out and dispose of it.
4. Insert the new cartridge into the filter head and rotate clockwise 1/4 turn.
5. Turn on the water supply and check for leaks.
6. If leaks occur, repeat step 2 & 3.
7. If leaks persist discontinue use and call Puretec.
8. Open the quarter turn spindle on the carafe filler until water dispenses and then run the water for 1 minute to clear air pockets and flush the filter.

Use Guidelines

- Use for mains water supply.
- Minimum operating pressure 200 kPa.
- Maximum operating pressure 520 kPa.
- Do not allow exposure to temperatures below 0 °C, protect from freezing.
- Maximum operating temperature 38 °C.
- Nominal flow rate 5.5 Lpm.
- System must be installed according to local plumbing codes on the cold water line only.
- This system requires regular replacement of the filter cartridge to maintain proper operation. Varying chlorine, sediment, or organic substance levels may affect replacement frequency.
- Be sure to change the filter cartridge every 6 - 12 months or whenever you detect a change in taste, odour, or decrease in flow.

Caution: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before the chiller.

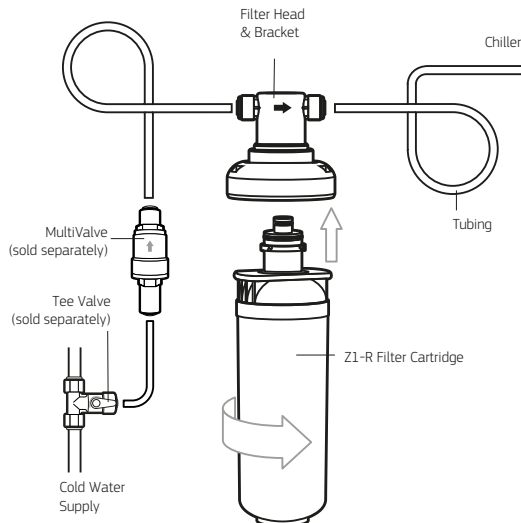
Fig. 3 Electrical Diagram



External Filter Installation

1. Select suitable location that is close to the Freestanding Water Chiller System. Remember to allow access room for changing filters and a suitable place where water spillage will not cause damage. Location should not be in direct sunlight.
2. Isolate water supply. Uninstall the connections on the cold water line and connect the tubing, a Smart Tee™ (sold separately) is recommended. Reinstall the previous connection to the tee valve.
3. Connect a pressure limiting MultiValve (sold separately) to the tee valve with a length of White Tubing.
6. Install filter cartridge by positioning it in the desired location, marking the position of fixing hole and fixing with bracket screw. The Z1 filter can be mounted horizontally or vertically. Allow room for the connecting tubes. Ensure flow arrow on the head is in direction of the water flow.
7. Fit tubing into connectors. Allow slack in the tubing.
8. Restore the water supply and check for leaks.
9. When new it may take up to 1 minute to fill the system prior to dispensing water. Run the system for at least 5 minutes to remove carbon fines. Water may appear milky, but this is normal and is only tiny air bubbles that will clear after a short period.

Fig. 4 External Filter Installation Diagram



Troubleshooting Guide

Fault	Possible Cause	Suggested Action
Not cooling.	The compressor is not running.	Check the power is switched on.
The power is on but not cooling.	The thermostat is set too high.	Reduce the thermostat temperature setting.
Water leakage.	The pipes or connections are leaking.	Switch off power, turn off water and call your service engineer.
Slow water flow.	The filter is blocked.	Change the filter.
No water dispenses from the taps.	Water inlet valve(s) closed or other blockage.	Open and/or reset the water inlet valve(s) and check water supply pipe
Drainage waste blocked.	Debris has blocked up the waste system.	Clear the obstruction.

In the event of any other breakdown, please call Puretec

Performance Data

Model	Function	Voltage	Frequency	Max Cooling Power	Cooling Capacity	Refrigerant Type	Refrigerant Charge
D10E D10EC D10I D10IC	Cooling	220 - 240	50 Hz	85 W	10 Lph	R134a	110g
D20E D20EC D20I D20IC	Cooling	220 - 240	50 Hz	120 W	20 Lph	R134a	160g
D30E D30EC D30I D30IC	Cooling	220 - 240	50 Hz	200 W	30 Lph	R134a	180g

Warranty

Notes

Puretec water care products are designed, manufactured and supported by Puretec Pty Ltd the name you can trust for viable and proven water solutions. The complete range of Puretec products are developed, refined, made to meet and exceed stringent specifications for the worldwide market.

Important: Sales of products are subject to our Terms and Conditions which are available upon request. All specifications, information and photos are a guide only and are subject to change without notice. Please ring to confirm details. Warning: For correct operation of this appliance it is essential to observe manufacturer's instructions. All installation and service work should be completed by qualified tradespeople. Faulty operation due to unqualified persons will result in voided warranty coverage. All plumbing must comply with AS 3500.1. All electrical must comply with AS/NZS3000.

Warranty

Any claim under this warranty must be made within 2 years of the date of purchase of the product. This product is warranted to be free of defects of material and workmanship for 2 years from the date of purchase. 2 year warranty is 1 year parts and labour plus 1 year parts only. Excludes cartridges.

To make a claim under the warranty, take the product and proof of purchase to place where you purchased the product, and they will lodge a Warranty Request with Puretec.

Puretec will pay your reasonable, direct expenses of claiming under this warranty. You may submit details and proof of your expense claim to place of purchase for consideration. The warranty only applies if the product was used and/or installed in accordance with the user guide and/or installation instructions. This warranty is given in lieu of all other express or implied warranties and manufacturer shall in no circumstances be held liable for damages consequential or otherwise or delays caused or faulty manufacturing except as excluded by law.

Applicable to all above, is that the warranties need to be approved by Puretec to ensure product was not incorrectly used, installed or claimed. False and incorrect claims will be pursued at Puretec's discretion, including chargeable inspection and labour costs incurred.

Warranty/Australia

This warranty is given by Puretec Pty Ltd, ABN 44 164 806 688, 37-43 Brodie Road, Lonsdale SA 5160, telephone no. 1300 140 140 and email at sales@puretec.com.au.

This warranty is provided in addition to other rights and remedies you have under law: Our goods come with guarantees which cannot be excluded under the Australian Consumer Law. You are entitled to replacement or refund for a major failure and to compensation for 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.

Warranty/New Zealand

This warranty is given by Puretec Ltd, Reg. No 4464398, PO Box 875 Cambridge 3450 NZ, telephone no. 0800 130 140 and email at sales@puretec.co.nz.

This warranty is provided in addition to other rights and remedies you have under law: Our goods come with guarantees which cannot be excluded under the Consumer Guarantees Act. You are entitled to replacement or refund for a major failure and to compensation for 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.



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