

Zip Freestanding Chilled Water Systems

Affix Model Number Label
Here

81507
GP



Read These Warnings First

- Please read all installation requirements, installation procedures and precautions before installing any Zip Chillmaster/Sitemaster/Economaster.
- Never attempt to install any Zip Chillmaster/Sitemaster/Economaster without reading all of the applicable instructions.
- All electrical connections must comply with current wiring rules.
- These appliances are 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 appliances by a person responsible for their safety.
- Children should be supervised to ensure they do not play with the appliances
- This appliance must be earthed.
- If the power supply cord is damaged it must be replaced by a Zip Service Provider or a qualified electrician.
- The power cord and GPO must be in a safe and accessible position after installation
- Do not remove the cover of the appliance under any circumstances without first isolating the appliance from the power supply.
- The units are for indoor use only and must not be exposed to the elements of nature.
- These units must not be positioned in an area that may be cleaned by a water jet and must not be cleaned by a water jet.



Installation Instructions

Finished height will vary due to adjustable feet (Chillmaster only). The average height for the centre line of the plumbing services is 790 mm.

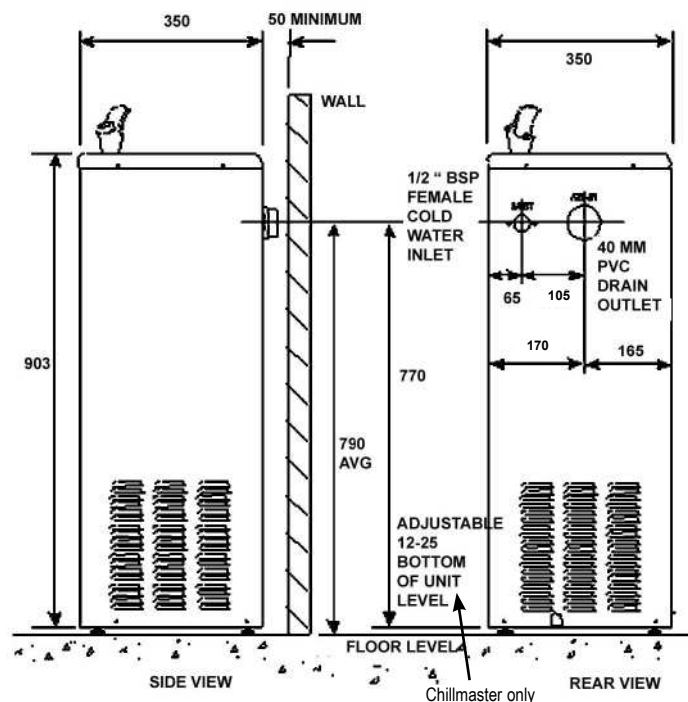
Place the unit on a level floor and screw the feet in or out as appropriate to make the unit level and steady (Chillmaster only), see Fig.1.

Leave at least a 50 mm gap between the sides of the unit and any walls, to allow air flow through the vents.

The rear of the unit can be flush mounted against the surface of a wall if the plumbing permits.

Connect only to cold water 10-38°C with a pressure range of 70 kPa - 700 kPa.

Fig.1



Installation Instructions continued

Zip Sitemaster and Economaster

It is the installers responsibility to ensure the installation complies with AS/NZS3500.1, AS/NZS3500.2, AS/NZS3500.4.1, AS/NZS3500.4.2 and local water authority regulations.

Minimum operating pressure is 172 kPa. Where pressure may exceed 700 kPa, a pressure limiting valve must be installed.

No valves are supplied with the product. All necessary valves must be supplied separately by the installer.

Connect a cold water supply to the half inch BSP female inlet at the back of the chiller where shown in the diagram on page 3.

Connect a drain to the 40mm PVC female outlet at the back.

Purge the air from the unit when the plumbing connections are complete, by turning 'on' the water supply, and pressing the button on the bubbler, until the water flows through without spluttering. Check connections for leaks and repair any found.

Zip Chillmaster

Connect a cold water supply to the half inch BSP female inlet at the back of the chiller where shown in the diagram.

Connect a drain to the 40 mm PVC female outlet at the back.

Alternatively, there are pre-punched holes in the base of the Chillmaster for bottom access to plumbing services.

All valves necessary for use with the Chillmaster are already fitted within the unit. This appliance incorporates backflow protection complying with AS3500.1. No further backflow protection is required for connection to the water supply. A special surge protection system is totally self contained within the Chillmaster, to protect it from damage.

DO NOT ADJUST, ALTER OR REMOVE THE VALVE ASSEMBLY.

Purge the air from the unit when the plumbing connections are complete by turning 'ON' the water supply and pressing the button on the bubbler until the water flows through without spluttering.

Electrical

A 1.8m flexible cable and 240v 50 Hz 3 pin plug are fitted. Run the cable out of harm's way and plug it into a standard power point.

Do not turn the power point 'on' until the unit is purged.

Operating Procedures



Fig.2

Operating the Bubbler (All models)

Chilled water is obtained momentarily by pressing the bubbler button, see Fig.2.

The water is chilled by a refrigeration unit fitted within the cabinet stand, under the basin.

Operating Procedures



Fig.3

Operating the Carafe Filler: (Chillmaster)

You can obtain chilled water within the rated capacity for as long as you rotate the lever. In the upright position the tap is off, when the lever is rotated anticlockwise water will flow. Water will continue to flow until the lever is returned to the upright position, see Fig.3.

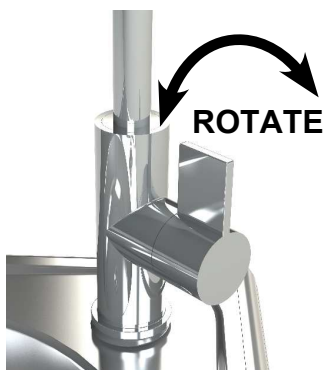


Fig.4

Operating the Self-Return Heavy Duty Carafe Filler: (Sitemaster)

You can also obtain chilled water within the rated capacity for as long as you rotate the spring loaded lever. In the upright position the tap is off, when the lever is rotated anticlockwise water will flow. Water will continue to flow until the lever is released, then it will spring back to the upright position, see Fig.4.

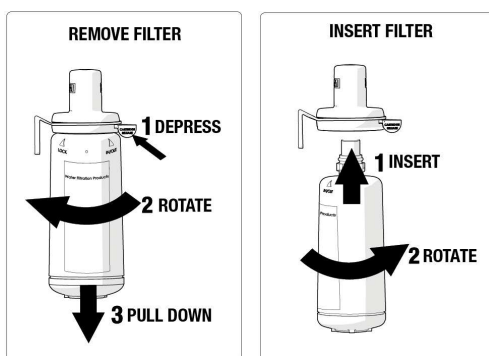


Fig.5

Filter Replacement (Chillmaster only)

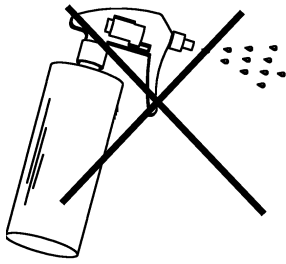
Your Zip Chillmaster has a filter replacement reminder light that shows through the front label. The 2 AAA reminder light batteries must be replaced at the same time as the filter.

Normal operation is for the light to flash once per minute. When the filter cartridge is due for replacement, the indicating light will flash once per second. Not changing cartridges when required may cause the water to become biologically unsafe. For safe operation, the filter cartridge should be replaced at least every 6-12 months, when the reminder light flashes once a second, or earlier if you notice a persistent reduction in water pressure from the bubbler or an unpleasant taste or odour in the water.

Use only a Zip Filter to match that used in the Chillmaster. Replacement filter cartridges can be obtained through plumbing suppliers or directly from Zip.

When replacing a filter use only the appropriate Zip 0.2 micron filter.

Cleaning



Cleaning

The basin is made of stainless steel that will show scratches if an abrasive cleaning product is used. If this model has a stainless steel case, it too will show scratches if an abrasive cleaning product is used.

Never use strong, corrosive or abrasive cleaning materials.

Wipe clean the outer surfaces with a sponge or a soft cloth using a mild soap and water.

End of Life Disposal

In order to help preserve our environment we ask that you dispose of this product correctly. Please contact your local city council for collection centre details.

Troubleshooting

Problem	Cause	Remedy
No water at outlets	Water not connected	Connect and turn on water
Water not chilled	Power not connected	Connect and turn on power
Poor flow at outlet	Blocked filter	Replace filter

Servicing

Service (All models)

There are no user serviceable parts but there are dangerous voltages present within the unit. All service work must only be carried out by a suitably qualified and experienced service person.

Before calling for service, check that both the water and electricity supplies are turned 'ON' and OK.

Call an electrician, a plumber, or Zip for a free call in Australia on 1800-638-633 for assistance, service, spare parts or enquiries.

Filter Performance Data Sheet

Use Replacement Cartridge 91291 - sub micron - Green

The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system as specified in NSF/ANSI Standard 42 and NSF/ANSI Standard 53.

Capacity: 11,356 litres Contaminant Reduction Determined by NSF testing.

Test Conditions: pH7.5, Pressure: 415 kPa, Flow Rate: 1.9L/min

Substance Reduction	Average Influent	NSF/ANSI specified Challenge Concentration	Avg % Reduction	Average Product Water Concentration	NSF Max Permissible Product Water Concentration	Australian/ New Zealand (AS/NZS Standard 3497) Max Permissible Product Water Concentration	NSF Reduction Requirements	NSF Test Report
Chlorine Taste and Odor	2.0 mg/L	2.0 mg/L ± 10%	91.4%	0.17 mg/L	N/A	5.0 mg/L	≥ 50%	J-00109690
Cyst*	98,750 cysts/L	Minimum 50,000 cysts/L	>99.99%	2 cyst/L	N/A	1 cyst/100 L	≥ 99.95%	J-00112772

* Based on the use of Cryptosporidium parvum oocysts

Application Guidelines/ Water Supply Parameters	
Service Flow	3.8 lpm
Water Supply	Potable Water
Water Pressure	172 - 862 kPa
Water Temperature	4.4°C - 38°C



System tested and certified by NSF International against NSF/ANSI Standard 42 and Standard 53 for the reduction of substances as listed below according to Standard 42 and Standard 53.

It is essential that the manufacturer's recommended installation, maintenance and filter replacement requirements be carried out for the product to perform as advertised. See installation Manual for details.

Note: While the testing was performed under standard laboratory conditions, actual performance may vary.

Performance Data Sheet

Use Replacement Cartridge 91292 - 3 Micron - Pink

The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system as specified in NSF/ANSI Standard 42 and NSF/ANSI Standard 53.

Capacity: 3,785 litres Contaminant Reduction Determined by NSF testing.

Test Conditions: pH7.5, Pressure: 415 kPa, Flow Rate: 1.9L/min

Substance Reduction	Average Influent	NSF/ANSI specified Challenge Concentration	Avg % Reduction	Average Product Water Concentration	NSF Max Permissible Product Water Concentration	Australian/ New Zealand (AS/NZS Standard 3497) Max Permissible Product Water Concentration	NSF Reduction Requirements	NSF Test Report
Chlorine Taste and Odor	2.0 mg/L	2.0 mg/L ± 10%	97.3%	0.05 mg/L	N/A	5.0 mg/L	≥ 50%	J-00109688
Benzene	0.014 mg/L	0.015 mg/L L ± 10%	97.6%	0.0003 mg/L	0.005 mg/L	0.01 mg/L	N/A	J-00114903

* Based on the use of Cryptosporidium parvum oocysts

Application Guidelines/ Water Supply Parameters	
Service Flow	1.9 lpm
Water Supply	Potable Water
Water Pressure	172 - 862 kPa
Water Temperature	4.4°C - 38°C



System tested and certified by NSF International against NSF/ANSI Standard 42 and Standard 53 for the reduction of substances as listed below according to Standard 42 and Standard 53.

It is essential that the manufacture’s recommended installation, maintenance and filter replacement requirements be carried out for the product to perform as advertised. See installation Manual for details.

Note: While the testing was performed under standard laboratory conditions, actual performance may vary.

Contact Details

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