



INSTALLATION GUIDE AND WARRANTY INFORMATION

Please read these installation instructions thoroughly, paying particular notice to the points listed in **“Important Installation Requirements.”**

Once commissioning has been finalised, the owner should familiarise themselves with the **operational and annual maintenance** that is required to maintain this cylinder in good working order and to satisfy the guarantee conditions. The installer, please leave these notes with the owner.

Should any fault develop with this water heater during its guarantee period, the owner should immediately contact the installing plumber or electrician in the first instance, or Peter Cocks Ltd (2010) (PCL) **who will provide contact details of a service agent who is authorised to perform this work.** Refer to details on www.petercocks.co.nz or by phoning **0800 555 048.**

UNTIL A CLAIM HAS BEEN AUTHORISED TO PROCEED BY PETER COCKS LTD (2010), THE OWNER IS RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH THE CLAIM.



COMMISSIONING

1. The water heater must be full of water and all electrical components, connections and wiring must have been checked and certified by a qualified person, including factory installed element and loom wiring, before power is applied to the unit.
2. Check the operation of the temperature and pressure relief valve (TPR) (if fitted) by manually lifting the lever or rotating the knob on the valve and checking for water flow at the outlet.
3. After checking, check all fittings are tight, including factory installed element for leaks and ensuring the system is operating correctly, then switch on the power.
4. Check that the cylinder heats to the set thermostat temperature and then controls power to the element correctly.
5. Once the cylinder temperature has stabilised recheck all plumbing and electrical connections for tightness.

MAINTENANCE

The TPR (Temperature/Pressure Relief valve) should be manually operated once every 6 months. This valve is located at the top of the cylinder and has a lever/knob that you carefully lift/turn (hot water will flow) until water flows out of the valve and along the drain fitting. Releasing the lever/knob will seal the valve and stop the flow.

This cylinder and accompanying valves must be inspected and serviced on an annual basis to ensure correct working and peak efficiency. This must be carried out by a competent person and a log kept verifying this event. Failure of this water heater due to lack of maintenance will invalidate the guarantee. The cost of maintenance is the responsibility of the owner.

IMPORTANT INSTALLMENT REQUIREMENTS

1. To be considered for a guarantee claim the cylinder must be installed complying with NZS4603 or NZS4607, The NZ Building Code G12 and relevant municipal building codes in force at the time of installation.
2. All installation work must be carried out in accordance with the Plumbers, Gas Fitters and Drain Layers Act 1976 and performed by suitable persons as defined in this Act.
3. The electrical installation must comply with AS/NZS 3000 and any other local authority regulations. Recommended thermostat setting is 60 deg C.
4. Safe Tray where there is a possibility of water damage to carpets, furniture, fittings and or the building, a fully drained safe tray must be installed. Failure to do so may invalidate any warranty claim.
5. This water heater must be restrained by a seismic strap system to comply with the New Zealand Building Code G12. These can be purchased through Peter Cocks Ltd.
6. This water heater is fitted with an electrical thermostat that controls the running temperature and on electrical heat only cylinders, an over temperature cut off device that will permanently disconnect power from the element should it be activated.
7. This water heater is suitable for internal installation only and should be placed to achieve a central proximity to the main draw off points.
8. Accessibility conditions to this water heater are defined under G12 of the Building Code and cover servicing, maintenance and inspection.

LOW PRESSURE

9. This water heater can be installed as a valve vented or open vented system **unless it is connected to an uncontrolled heat source, in which case it must be open vented.**

In a valve vented system select a suitable pressure reducing valve, temperature and pressure relief valve and cold water expansion valve. Ensure that pressure ratings do not exceed the maximum working pressure marked on the heater.

In open vented systems select the correct pressure reducing valve, vent pipe height and height of cistern feed tank if used.

This water heater must not be operated with any of these devices working incorrectly, disconnected or altered in any way. Failure to observe this rule may cause serious harm and will not comply with NZS4607 or the New Zealand Building Code G12.

HIGH PRESSURE

1. This water heater must have installed a 500kPa or less pressure limiting valve and appropriate cold water expansion valve. The supplied TPR valve must be fitted and sealed with Teflon tape. Do not use paste and hemp.

WATER QUALITY

This cylinder has been manufactured to suit most reticulated council supplies and meets the durability as required under the New Zealand Building Code G12; however local conditions and patterns of usage will vary the product life. Some supplies i.e. bore, well and roof water can be detrimental due to their mineral content and pH values. We recommend an optimum pH range between 7.5 and 8.3, a total dissolved solids (TDS) value below 2000 mg/L and a chloride level < 20ppm.

If in doubt we suggest contacting your water supplier or local testing laboratory regarding water quality. Should your water be outside these guidelines the guarantee and durability conditions will not apply.

WARRANTY

- 1.1 Peter Cocks Ltd (2010) (PCL) warrants to the owner of the hot water cylinder manufactured by PCL ("the Hot Water Cylinder") (or its successors in ownership) to repair or replace (at PCL's sole discretion) defects in the Hot Water Cylinder or a part manufactured by PCL arising solely and directly due to faulty materials or manufacture for the warranty period and on the terms set out in the summary table below and subject to the terms and conditions set out in this warranty.

1.2 Hot Water Cylinder Warranty Summary		
Hot Water Cylinder Type	Warranty Period (from installation)	Warranty
All	Years 1	Repair or replace (at PCL's sole discretion) the defective Hot Water Cylinder or part (as applicable) without cost to the owner for parts or replacement Hot Water Cylinder, direct repair or replacement labour or freight costs (if any).
Low Pressure Copper up to 122kPa	Years 2 - 5 inclusive	Repair or replace (at PCL's sole discretion) the defective Hot Water Cylinder or part (as applicable) free of charge. Installation, labour and freight costs (if any) are the responsibility of the owner.
Mains Pressure Stainless Steel up to 500kPa	Years 2 - 10 inclusive	Repair or replace (at PCL's sole discretion) the defective Hot Water Cylinder or part (as applicable) free of charge. Installation, labour and freight costs (if any) are the responsibility of the owner.
Commercial	Years 2 - 5	Repair or replace (at PCL's sole discretion) the defective Hot Water Cylinder or part (as applicable) free of charge. Installation, labour and freight costs (if any) are the responsibility of the owner.

- 1.3 PCL warrants to the owner to repair or replace (at PCL's sole discretion) defects in all parts of the Hot Water Cylinder not manufactured by PCL (including, without limitation, all electrical parts, the element, element seal and valves) arising solely due to faulty materials or manufacture for the period of one (1) year from installation and subject to the terms and conditions set out in this warranty. After one (1) year such parts are covered by the respective manufacturer's warranties (if any).

2. TERMS AND CONDITIONS

- 2.1 For this warranty to be effective:
- 2.1.1 The Hot Water Cylinder must be installed and maintained by a licensed plumber and electrician in accordance with the PCL installation instructions supplied, the New Zealand Building Code, NZS4603, NZS4607 and all relevant statutory and local requirements of the area in which the Hot Water Cylinder is installed; and
- 2.1.2 This water heater must be installed with a drained safety tray in situations where there is the potential for water damage to fixtures and fittings of the home. Failure to do so may void any warranty claim.
- 2.2 That part of the warranty set out in clauses 1.1 and 1.2 applies to the Hot Water Cylinder and those parts that are manufactured by PCL and for the avoidance of doubt does not cover any plumbing, gas fittings or electrical parts, including but, not limited to, pipe work, pressure limiting or release valves, stopcocks, non return valves, electric switches, pumps and fuses.
- 2.3 The warranty does not cover any additional costs (including labour costs) associated with fault finding or gaining acceptable service access to the Hot Water Cylinder including costs of removing other materials such as cupboards, walls or roofs to obtain access or removing the Hot Water Cylinder.

- 2.4 The Hot Water Cylinder is covered under warranty for the period indicated in the summary table from the date of installation. Where a failed component or Hot Water Cylinder is repaired or replaced under warranty, the balance of the original warranty will remain effective. The replacement part or equipment does not carry any warranty.
- 2.5 Where the Hot Water Cylinder is installed outside the metropolitan area or further than 25kms from an installing contractor or service agent the cost of travel, insurance and freight may be charged to the owner.
- 2.6 The repair or replacement of the Hot Water Cylinder shall be performed during normal business hours by PCL or a repair agent authorised by PCL. Any costs incurred by PCL in performing work outside normal business hours may be charged to the owner at PCL's discretion.
- 2.7 Cylinders returned to Peter Cocks Ltd for testing will be held for 20 days after the cylinder has been tested. After 20 days the cylinder will be disposed of.

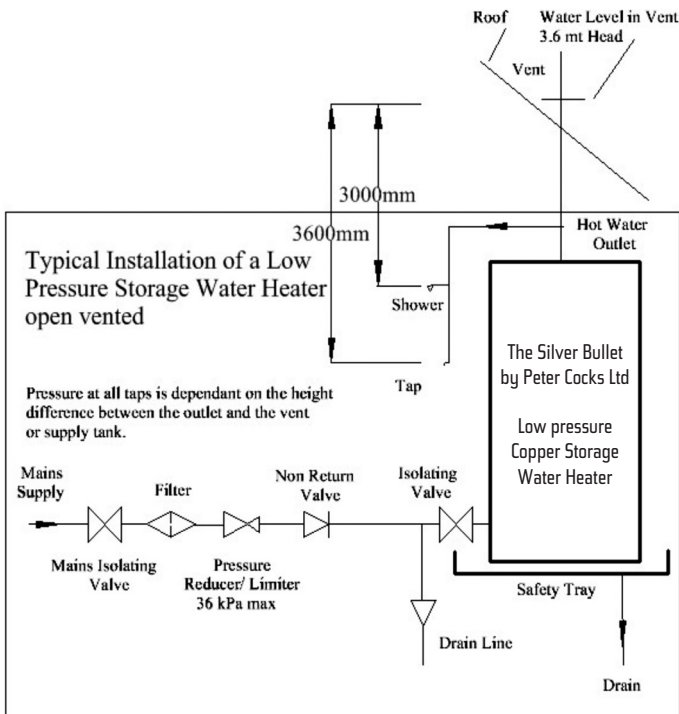
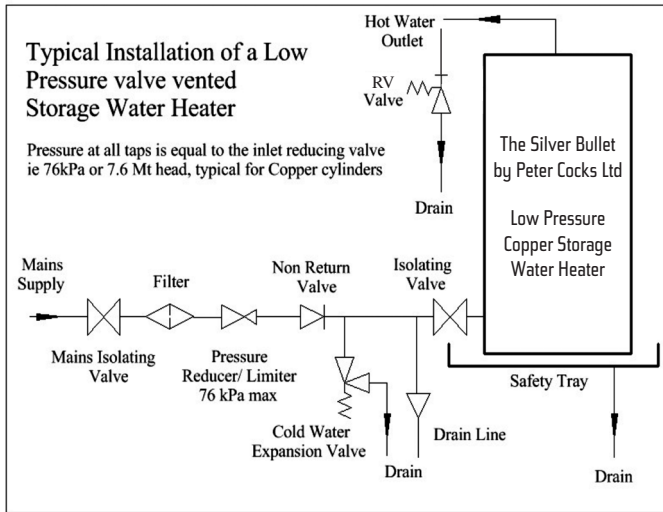
3. WARRANTY EXCLUSIONS AND LIMITATIONS

- 3.1 The warranty does not cover repair or replacement work to the Hot Water Cylinder or its parts caused directly or indirectly by:
- 3.1.1 Damage to the casing, installation or inner shell of the Hot Water Cylinder caused by external leaks;
- 3.1.2 Incorrect installation or repairs including installation by an unqualified person or failure to comply with the PCL instructions and the requirements of the NZ Building Code, NZS4607, NZS4603 and the relevant statutory and local requirements;
- 3.1.3 Failure to maintain the equipment in accordance with the PCL instructions and the requirements of the NZ Building Code, NZS4607, NZS4603 and the relevant statutory and local requirements;
- 3.1.4 Connection to a non potable water supply, connection to a private plumbing system if valves vented, abnormal temperature, negative pressure, stress or strain, harsh or adverse water conditions, contamination or corrosion from particles in the water supply, excessive water pressure or water temperature or electrolysis; or
- 3.1.5 Acts of God, earthquake, war, storm, fire, flood, vandalism, misuse, abuse, negligence, accidental damage, maltreatment, vermin, foreign matter entering the equipment or any outside agency.
- 3.2 PCL is not liable for any damage to furniture, carpets, walls, foundations, electrical fittings and wirings or any other loss or damage of any kind (including, for the avoidance of doubt, consequential loss and loss of profits) resulting directly or indirectly from a breach of warranty or services provided (either by PCL or a repair agent authorised by PCL) under the warranty.
- 3.3 If clause 3.2 or any part of it or the warranty is found by a court to be invalid and unenforceable, PCL's liability for loss or damage resulting directly or indirectly from a breach of warranty or the provision of services under the warranty is limited at all times to the purchase price of the Hot Water Cylinder.
- 3.4 This water heater is designed for use by a single family in a domestic installation. It is designed for a domestic installation and where used in a non domestic installation its lifespan may be shorter.

4. CONSUMER GUARANTEES ACT 1993

- 4.1 If the Hot Water Cylinder has been acquired for personal, domestic or household use, this warranty does not limit any consumer rights or guarantees that may apply under the Consumer Guarantees Act 1993. If the Hot Water Cylinder has been acquired for the purposes of a business, the provisions of the Consumer Guarantees Act 1993 do not apply.
- 4.2 For the purposes of s 12 of the Consumer Guarantees Act 1993, PCL only guarantees that it will take reasonable action to ensure that facilities for repair of the Hot Water Cylinder and supply of parts for the Hot Water Cylinder are reasonably available for the express warranty periods recorded in the warranty summary table in clause 1.2 and clause 1.3. PCL does not undertake to provide repair facilities and parts for the Hot Water Cylinder after the expiry of the period specified in the warranty summary table.

INSTALLATION DIAGRAM (LOW PRESSURE)



INSTALLATION DIAGRAM (HIGH PRESSURE)

