



Installation and Owner's Manual

IMPORTANT INFORMATION

Failure to follow these instructions may affect the Warranty

airoheat[®]

Heat Pump Water Heater

Model: D2FHG4HW0C

Installation Details

Owner's Information

Warranty

For advice, repairs and service, call:

1300 365 115 (Australia)

0800 729 389 (New Zealand)



Carefully remove all packaging and transit protection from the heater before installation. Dispose of the packaging responsibly using re-cycling facilities where they exist.



Specifications and materials may change without notice.
Effective for Airoheat[®] water heaters manufactured and sold after 1st November 2016.

H4120 025941 Rev. D





Contents

Installation Requirements	2
Specifications	4
Dielectric Fittings	5
Plumbing Connections	6
Filling and Draining	10
Electrical Connection	11
Commissioning	12
Safety Information	13
System Maintenance	15
Considering a Service Call?	16
Warranty	18



Installation Requirements

General:

This water heater must be installed by a licensed tradesperson, and in accordance with:

- AS/NZS 3500.4 Plumbing and Drainage – Heated Water Services.
- Clause G12 of the NZ Building Code (in New Zealand).
- AS/NZS 3000 Electrical Installations (known as the Australian / New Zealand Wiring Rules).
- Local authority regulations.
- Outside Australia and New Zealand, please refer to local plumbing and building codes and regulations.

Failure to comply with these requirements may affect the warranty.

Note for Victoria:

This water heater must be installed by a licensed person as required by the Victorian Building Act (1993).

Only a licensed person will provide a compliance certificate, showing that the work complies with all the relevant Standards. Only a licensed person will have insurance protecting their workmanship.

Pool Heating:

This water heater must **not** be used for pool heating.

Location:

The water heater should not be installed in small enclosed spaces. For efficient operation, the water heater should be located outdoors or in a space with a volume of at least 200 cubic metres.

Ensure the compliance plate and associated warnings are clearly visible.

The water heater must be accessible without the use of a ladder or scaffold. Adequate clearance must be available for service to the electrical cover, refrigeration components, Hotlogic® controller, relief valve and sacrificial anodes.

Avoid positioning the water heater near bedrooms or neighbours' bedrooms as it can be expected that the water heater will run during the night.

The water heater should be located as close as possible to the most frequently used hot water outlet.

Circulated Hot Water Systems:

This water heater should not be installed as part of a circulated hot water flow and return system.

If a circulated flow and return system is required, Dux recommends that a backup storage water heater is installed. Please consult Dux After Sales and Service for advice if required.



Installation Requirements

Clearances:

Allow at least 700 mm clearance above and 150 mm clearance to either side of the water heater. If possible, allow 1,000 mm above the water heater to provide clearance to change the anodes through the top cover. Refer to Specifications on page 4.

Ensure there are no obstructions placed on top of the water heater. The area must also be clear of debris such as leaves and tree branches.

Water Heater Support:

The water heater must be installed on a flat, solid supporting surface. The pipework must not be used to support the water heater.

Where the water heater is subjected to wet conditions, a plinth should be installed under the water heater.

A properly drained safe tray must be installed where property damage could occur from water spillage. Refer to AS/NZS 3500.4 for further information.

Note - the warranty will not cover damage due to leakage of the water heater if a properly drained safe tray has not been installed.

Transport and Handling:

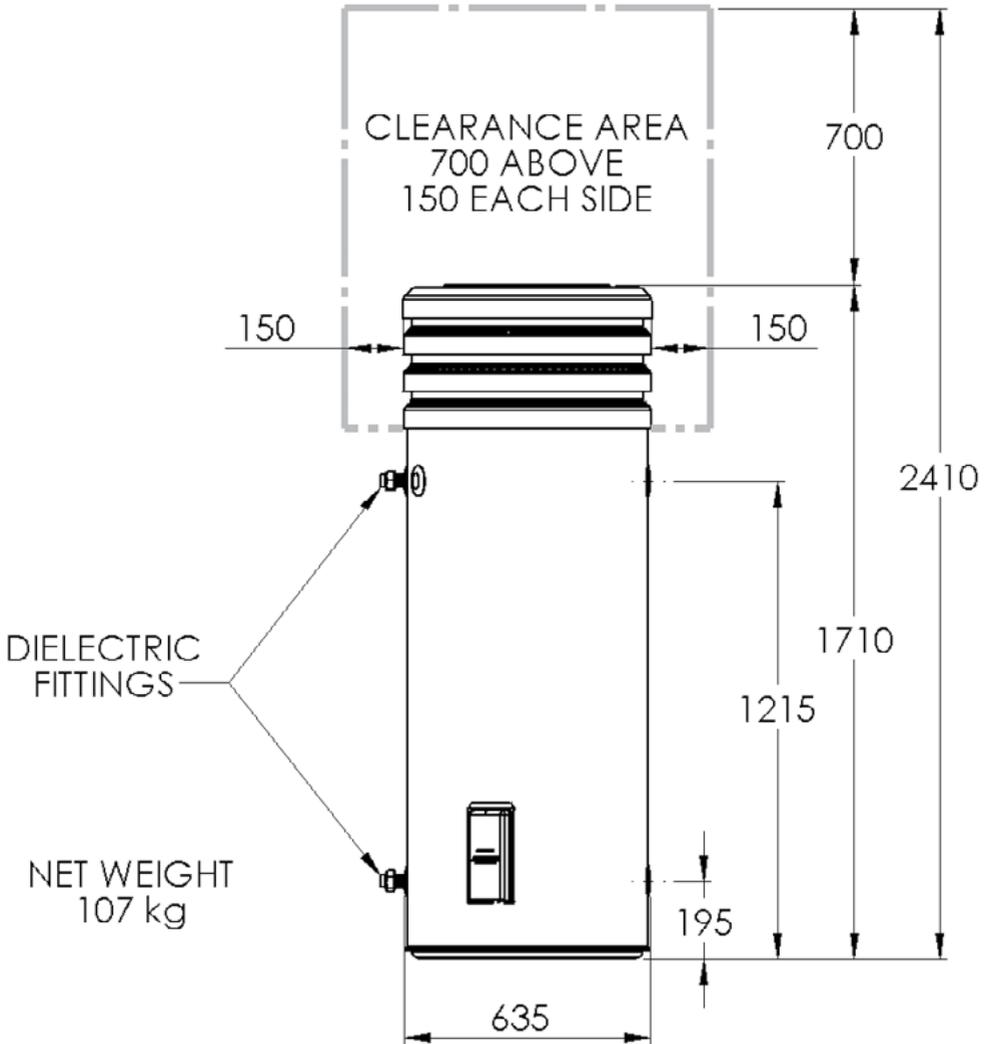
When moving the water heater, it must be kept as close to vertical as possible at all times.

Never tilt the water heater more than 45° from vertical.

Tilting beyond 45° will severely affect the operation of the water heater and may void the warranty on the refrigeration components.



Specifications





Dielectric Fittings

A Dielectric Fittings Kit (Part No H3189) is included with the water heater.

It is essential that dielectric fittings are installed in **both** the hot water outlet and cold water inlet sockets. Dielectric fittings do not need to be installed in the unused hot water outlet or cold water inlet sockets. Please also refer to the Plumbing Connections section.

Failure to install both dielectric fittings may void the warranty.

To install a dielectric fitting:

1. Apply thread tape to both ends of the brass nipple and install it into the socket. Tighten the nipple to a recommended torque of **~70 Nm**.
2. Install the dielectric fitting to the brass nipple, with the knurled end toward the tank. Tighten the fitting to a recommended torque of **~40 Nm**.
3. Connect the pipework to the dielectric fitting. If brazed connections are to be used, remove all insulation components from the dielectric fitting to prevent damage. Reassemble the fitting once brazing is complete and the fittings are cool.

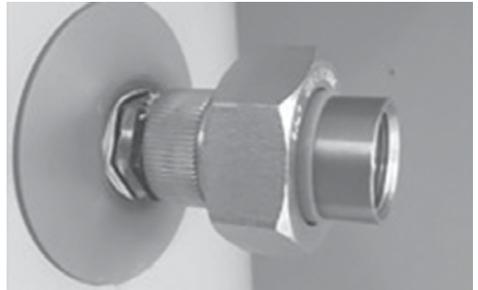
Step 1

Brass Nipple Installed



Step 2

Dielectric Fitting Installed



Step 3

Pipework Connected





Plumbing Connections

Water Supply:

This water heater has been manufactured to suit the water conditions of most Australian metropolitan supplies.

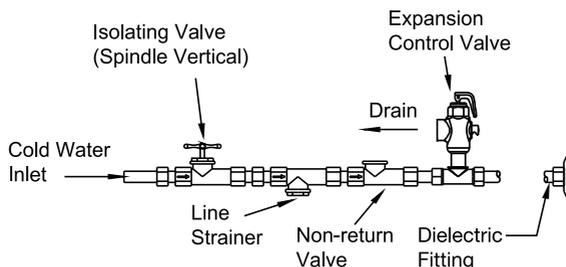
Please note certain water supplies can have a detrimental effect on the water heater and its life expectancy. If you are unsure about the water supply you can obtain information from the local water supply authority.

The water heater is designed for use in areas where the Total Dissolved Solids (TDS) content of the water supply is less than 2500 mg/L. The Tank Failure Warranty does not apply in areas where the TDS exceeds 2500 mg/L.

In areas where the TDS exceeds 600 mg/L, it is possible the magnesium alloy anodes (supplied in a standard heat pump water heater) may become over-reactive. To alleviate this, the magnesium alloy anodes should be replaced with aluminium alloy anodes. Aluminium alloy anodes are available from your local Dux Supplier.

Water can also be very corrosive, the measure of this is the saturation index. If the water saturation index is greater than 0.40, an expansion control valve should be fitted. Please consult Dux After Sales and Service for advice if required.

Cold Water Connection Diagram:



Note: a combined isolating valve/non-return valve/line strainer may be used.

The expansion control valve is only required where local regulations demand, although it is recommended in areas where the water saturation index is greater than 0.40.



Plumbing Connections

Cold Water Connection:

The water heater is intended to be permanently connected to the water supply main, and not connected by a hose-set.

The cold water supply can be connected to either of the RP $\frac{3}{4}$ "(DN20) sockets marked "INLET" at the bottom of the water heater. Before connecting the pipework, it is essential that a **dielectric fitting** is installed in the socket. Refer to Dielectric Fittings on page 5.

An approved isolating valve, non-return valve, and line strainer (optional but recommended) must be fitted between the water supply main and the dielectric fitting. Refer to the diagram on page 6 for details.

All fittings must be approved by the relevant Authority. Plastic pipes or fittings shall not be used between the isolating valve and the inlet.

The unused socket marked "INLET" is to be plugged with one of the brass plugs supplied inside the electrical cover of the water heater. Instructions on how to remove the electrical cover can be found on page 11. Ensure that a sealing material is applied to the brass plug to prevent water leaks.

Water Supply Pressure:

This water heater is designed for direct connection to water supply pressures of up to **800 kPa**.

Where the mains pressure can exceed or fluctuate beyond this pressure, a pressure reducing valve must be fitted in the cold water inlet supply.

Note for New Zealand, South Australia and Western Australia:

It is a requirement in these locations that an expansion control valve be fitted on the cold water supply line between the non-return valve and the water heater.



Plumbing Connections

Hot Water Connection:

The hot water pipe can be connected to either of the RP $\frac{3}{4}$ "(DN20) sockets marked "OUTLET" at the top of the water heater. Before connecting the pipework, it is essential that a **dielectric fitting** is installed in the socket. Refer to Dielectric Fittings on page 5.

If hot water pipes are to be connected to both outlet sockets, dielectric fittings must be installed in both sockets. Additional dielectric fittings are available from your local Dux supplier.

The unused socket marked "OUTLET" is to be plugged with one of the brass plugs supplied inside the electrical cover of the water heater. Instructions on how to remove the electrical cover can be found on page 11. Ensure that a sealing material is applied to the brass plug to prevent water leaks.

It is recommended that all hot water pipes are insulated. Hot water pipes installed outdoors should be insulated with UV stabilised insulation.

Plastic pipes or fittings shall not be used within 1 metre of the outlet although they may be used downstream of a temperature control valve. Refer to AS/NZS 3500.4 for further details.

Temperature Protection:

Water heaters can produce very hot water. To reduce the risk of scald injury, it is mandatory under the requirements of AS/NZS 3500.4 that an approved temperature control device is fitted to the hot water supply to outlets used primarily for personal hygiene. This device should be checked at regular intervals to ensure its operation and settings remain correct.

We recommend using a HeatGuard Ultra Tempering Valve made by RMC.



Plumbing Connections

Relief Valve:

The Pressure & Temperature Relief (PTR) Valve is supplied inside the electrical cover of the water heater. Instructions on how to remove the electrical cover can be found on page 11. Discard the clear plastic packaging containing the PTR Valve and brass plugs.

The PTR Valve rating is 1,000 kPa.

The PTR Valve rating is also shown on the compliance plate. The PTR Valve must be installed directly into the RP1/2"(DN15) socket marked "RELIEF VALVE" at the top of the water heater. Ensure that a sealing material is applied to the PTR Valve to prevent water leaks.

The PTR Valve and its drain line must not be sealed or blocked.

The PTR Valve is not intended to enable connection of the water heater to supplementary energy sources such as solar panels or slow combustion stoves. Refer to AS/NZS 3500.4 for guidance on these types of installations.

It is normal for the valve to leak a small amount of water during heating cycles.

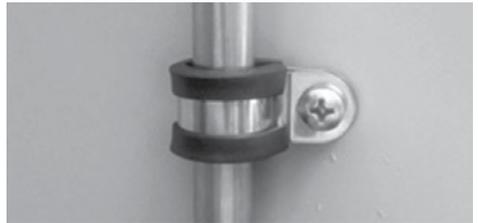
Relief Valve Drain Line:

The drain line from the PTR Valve must be made of copper and run in accordance with the requirements of AS/NZS 3500.4. It must be installed in a continuously downward direction in a frost free environment.

A separate drain line must be run for this valve. The drain line must not be directly connected to any other copper piping.

If the drain line is to be fixed to the water heater case, the pipe clamps and screws supplied in the included Dielectric Fittings Kit (Part No H3189) must be used. Please refer to the photograph below.

Do not use standard metal pipe saddles.



Condensate Drain Line:

A condensate drain point is located under the bottom louvre at the rear of the water heater. A drain line must be connected to this point and run so that it discharges clear of the water heater.

The Condensate Drain Line must not be connected to the Relief Valve Drain Line although they may both discharge to the same point.



Filling and Draining

Filling the Water Heater:

The water heater must be filled with water before turning on the electrical supply.

1. Open all hot water taps.
2. Open the isolating valve at the cold water inlet slowly and allow the water heater to fill until water flows through the system.
3. Close each hot water tap after the air is expelled from its line.
4. Open the Pressure & Temperature Relief Valve for approximately 10 seconds by lifting the easing lever on the valve. Confirm water is relieved to waste through the relief valve drain pipe.
5. Lower the lever gently and check it closes correctly.

Draining the Water Heater:

1. Turn off the electricity supply to the water heater.
2. Turn off the cold water supply to the water heater at the isolating valve.
3. Gently operate the easing lever on the Pressure & Temperature Relief (PTR) Valve to release the pressure in the water heater.
4. Disconnect the cold water dielectric fitting and attach a drain hose to the water heater.
5. Gently operate the easing lever on the PTR Valve to let air into the water heater and allow water to escape through the hose.



Electrical Connection

General:

This water heater is designed for single phase 240V a.c. supply only. The electrical connection must comply with Local Supply Authority Regulations and AS/NZS 3000.

Connection of the electrical wiring must only be carried out by a licensed tradesperson.

The fuse or circuit breaker protecting the supply to the water heater must have a rating of at least 10 amps.

The water heater must not be connected to an off peak tariff. It should be connected to a continuous supply tariff or a suitable controlled load tariff (such as Tariff 33 in Queensland). Contact Dux After Sales and Service if required.

The water heater is designed to be permanently connected to fixed wiring. A set of terminals and a conduit entry is provided for this purpose.

Connections are to be made at the terminal block under the water heater electrical cover. A means for disconnection must be incorporated in the fixed wiring in accordance with the Wiring Rules.

Removing the Electrical Cover:

Before removing the electrical cover, ensure the electrical power supply is safely isolated.

The electrical cover is removed by undoing the two screws at the bottom of the cover and sliding the cover downwards to disengage the top edge.

Connections:

The conduit entry is a pre-punched hole designed to accept a 20 mm conduit gland. It is located adjacent to the terminal block.

To prevent damage to the wiring, the conduit entry must be fitted with a gland prior to feeding the wiring through the hole. Ensure the conduit entry is sealed correctly.

Connect the active and neutral wires to the terminal block and the earth wire to the earth tab (located on the right hand side).

Replacing the Electrical Cover:

1. Check the Pressure & Temperature Relief Valve, both of the brass plugs, and their clear plastic packaging have been removed from inside the cover.
2. Ensure the terminal block mounting plate is horizontal.
3. Slide the cover up, ensuring the top edge engages under the case.
4. Swing the cover down until the bottom edge contacts the case. Ensure the terminal block mounting plate is below the pins located inside the cover.
5. Refit and tighten both screws in the cover.

Ensure the water heater is filled with water before turning on the electricity supply.



Commissioning

Initial Operation:

1. Fill the water heater with water before turning on the electrical supply.
2. Turn on the electrical supply.
3. The Hotlogic® controller will initialise. During this period LED 1 and LED 2 will blink alternately red/green. (The Hotlogic® controller is visible through the grill on the top of the water heater).
4. Once initialisation is complete, LED 1 and LED 2 should be a steady green.
5. The Hotlogic® controller will check the temperature of the water in the tank and the ambient air temperature. The Hotlogic® controller is self-regulating. No adjustments are required.
6. If conditions are suitable, the compressor and fan will start. This will take approximately 30 seconds from the time the electrical supply is turned on.

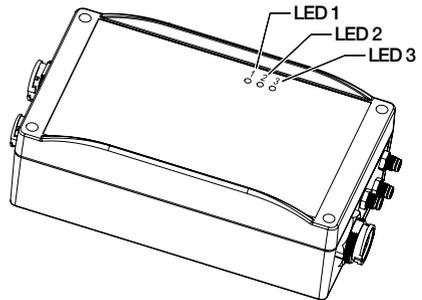
7. If the compressor and fan do not start, check if LED 2 is flashing red or LED 3 is a steady red. Contact Dux After Sales and Service if required.

Conditioning Cycle:

When the water heater is operated for the first time, it runs through a conditioning cycle.

It will not reach full temperature until approximately 60 litres of water is drawn off and the water heater completes a second heat-up cycle.

Hotlogic® LED Codes



LED 1 (Power)	LED 2 (Sensor)	LED 3 (Output)	Explanation
Alternating		Off	Power on initialisation (LEDs blink Red-Green alternately)
Green	Green	Green	Fan on (Compressor on/off)
Green	Flashing Red	Off	Sensor error (1 blink = ambient sensor, 2 blinks = tank sensor)
Green	Green	Red	Over Pressure Switch tripped



Safety Information

General:

This water heater 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 water heater by a person responsible for their safety.

Children and animals should be supervised to ensure they do not interfere with the water heater.

DO NOT store chemicals or flammable materials, or spray aerosols near this water heater.

DO NOT modify this water heater.

DO NOT operate the water heater with any panels or covers removed.

Temperature Protection:

Water heaters can produce very hot water. To reduce the risk of scald injury, it is mandatory that an approved temperature control device is fitted to the hot water supply to outlets used primarily for personal hygiene. This device should be checked at regular intervals to ensure its operation and settings remain correct.

Relief Valve:

The Pressure & Temperature Relief (PTR) Valve must be installed directly into the RP $\frac{1}{2}$ "(DN15) socket marked "RELIEF VALVE".

The PTR Valve rating is shown on the compliance plate. The valve must not be tampered with or removed. The water heater must not be operated unless this valve is fitted and in working order.

The PTR Valve should be checked by a licensed tradesperson for adequate performance, or replaced at intervals not exceeding five years, or less in areas where local regulations apply.

The PTR Valve is to be operated regularly to remove lime deposits and to verify it is not blocked. It is normal for the valve to leak a small amount of water during heating cycles.

Danger:

Failure to operate the PTR Valve easing lever at least once every six months may result in the water heater exploding.

Continuous leakage of water from the PTR Valve may indicate a problem with the water heater. This may be caused by excessive water supply pressure, a faulty PTR Valve or a faulty thermostat.

Turn off the water heater and contact Dux After Sales and Service.



Safety Information

Electrical Safety:

This water heater is designed for single phase 240V a.c. supply only. The electrical connection must comply with Local Supply Authority Regulations and AS/NZS 3000.

Any electrical covers should be removed only by a licensed tradesperson, and only after the electrical supply to the water heater has been isolated.

In addition to the PTR Valve, the water heater is fitted with a Hotlogic® electronic controller, a refrigerant over-pressure cut-out and a compressor thermal cut-out.

These devices must not be tampered with or removed. Replacement of these devices must only be carried out by a licensed tradesperson or the manufacturer.

The water heater must not be operated unless these devices are fitted and in working order.

Not Using Hot Water?

If the water heater is not used for two weeks or more, a quantity of hydrogen (which is highly flammable) may accumulate inside the water heater tank.

To dissipate this gas safely it is recommended that a hot tap be turned on for several minutes at a sink, basin or bath, but not a dishwasher, clothes washer or other appliance.

During this procedure there must be no smoking, open flame or any other electrical appliance operating nearby. If hydrogen is discharged through the tap it will probably make a sound similar to air escaping.



System Maintenance

Regular servicing will help to keep the water heater operating safely and efficiently.

Six Month Service:

This service may be carried out by the owner.

1. Stand clear of the Pressure & Temperature Relief (PTR) Valve drain pipe outlet.
2. Open the PTR Valve for approximately 10 seconds by lifting the easing lever on the valve. Confirm water discharges to waste through the drain pipe.
3. Lower the easing lever gently and check it closes correctly.
4. Repeat the above process for the expansion control valve (if installed).
5. Check that the grill on top of the water heater and the louvres are free of debris or other obstructions.

Other than this, personally inspecting or servicing any part of the water heater is not recommended.

Five Year Service:

This service should only be carried out by a licensed tradesperson. We recommend your local Dux Service Agent.

In locations where the water has Total Dissolved Solids (TDS) exceeding 600 mg/L, this service is recommended every 3 years.

This service should include the following:

- Replace the PTR Valve.
- Replace both anodes.
- Inspect and flush the expansion control valve (if installed).
- Clean any debris or residue from the condensate gutter and confirm that the condensate drain line is clear.
- Clean any dust or build up from the evaporator and louvres.
- Clean the fan blades and grill.

Drain and flush the water heater.

Replacement parts are available from your local Dux supplier.



Considering a Service Call?

Please review this section. Although there are no user serviceable components in the water heater, the information contained in this section may enable you to avoid the cost of a service call.

Please do not remove any covers or attempt to make any adjustments.

Principle of Operation:

A heat pump storage water heater works in a similar way to a reverse cycle air conditioner. Heat is extracted from the outside air and transferred to the water in the storage tank. It does not need to be located in direct sunlight to work.

A heat pump storage water heater can efficiently produce hot water on cloudy and overcast days as well as during the night.

The length of time that the water heater will run each day will vary depending on the amount of hot water being used and the ambient temperature and humidity.

Generally, the water heater will run longer in winter and at night when the air is cooler (and so contains less energy).

The Hotlogic® controller monitors the water temperature and the ambient air temperature. Providing the ambient conditions are suitable, when the water temperature drops below 55°C, the Hotlogic® controller starts the heat pump module.

Depending on the humidity level, ice may begin to form at around 5°C. This has the potential to affect the performance of the water heater. The Hotlogic® controller monitors the ambient conditions and triggers a de-icing cycle if required.

Water Discharge from Condensation Drain Line:

Water may be expected to drain from the Condensate Drain Line when the water heater is operating. This is similar to the condensation produced by an air conditioner. The amount of condensation produced will depend on ambient conditions such as temperature and humidity.

No Hot Water:

Ensure the power supply circuit breaker has not "tripped". If the water heater is connected to a controlled load tariff, ensure this is operating correctly.



Considering a Service Call?

High Energy Bills or Insufficient Hot Water:

- Often the hot water usage of showers, washing machines and dishwashers can be under estimated. Review these appliances to determine if the daily usage is greater than the capability of the water heater.
- If necessary check the shower flow rates with a bucket, measuring the amount of water used over a period of time. If it is not possible to adjust water usage patterns, an inexpensive flow control valve can easily be fitted to the shower outlet.
- Is the water heater the correct size for the requirements? Sizing details are available from your Dux supplier.
- Check that the grill on top of the water heater and the louvres are free of debris or other obstructions.
- The water heater may take longer to reheat during the night as the air is usually cooler. It is possible that the water heater may not fully recover from a period of heavy usage the previous evening.
- Is there a leaking hot water pipe or dripping hot water tap? A small leak can waste a large quantity of hot water. Replace faulty tap washers and arrange for your plumber to rectify any leaking pipe work.

- Is the Pressure & Temperature Relief Valve discharging too much water? See below.

Continuous Trickle of Water from Pressure & Temperature Relief (PTR) Valve:

This is most likely due to a build up of foreign matter. In this case, try gently raising the easing lever on the PTR Valve for a few seconds, then release gently.

This may dislodge a small particle of foreign matter and rectify the fault.

Water Discharge from PTR Valve:

It is not unusual for a small quantity of water to discharge during the heating of water in the storage tank. The amount of discharge will depend on hot water usage and the size of the storage tank.

As a guide, it will discharge about 2% of the volume of the water heated.

Continuous leakage of water from the PTR Valve may indicate a problem with the water heater. Turn off the water heater and contact Dux After Sales and Service.

If after reviewing the information contained in this section, the problem has not been identified, please contact Dux After Sales and Service.



Warranty

Dux Heat Pump Storage Water Heater - Warranty Summary:

All components of the water heater are covered by a 1 year parts and labour warranty. Extended warranties also apply to the refrigeration components and the storage tank. See below for details and conditions.

The benefits provided to you by this warranty are in addition to any other rights and remedies available to you under the Australian Consumer Law.

One Year Parts and Labour Warranty:

Dux Manufacturing Limited ("Dux") warrants against defects in the water heater arising from faulty materials or workmanship for a period of one year. Conditions apply (see below).

During this period Dux will repair or replace any failed component or where necessary, in the absolute discretion of Dux, replace the water heater, free of charge including reasonable labour costs incurred during normal business working hours.

Extended Refrigeration Component Warranty:

Dux warrants against failure of refrigeration components for a further period of one year (making a total of two years from the Commencement of Warranty).

During this period Dux will repair or replace any failed refrigeration component free of charge including reasonable labour costs incurred during normal business working hours.

Extended Tank Failure Warranty:

Dux also warrants against failure of the storage tank for a further period depending on the application:

- For single family dwellings, a further period of four years (making a total of five years from the Commencement of Warranty).
- For all other applications, a further period of two years (making a total of three years from the Commencement of Warranty).

Conditions apply (see below).

During this period Dux will provide a replacement water heater free of charge. Installation and other labour costs are the responsibility of the owner.

Warranty Conditions:

The warranty only applies to the water heater itself and the components supplied with the water heater by Dux. The warranty does not cover components supplied by others, including the installer.

The tank failure warranty does not apply if the water heater has been connected to a water supply where the Total Dissolved Solids content is greater than 2500 mg/L.



Warranty

These warranties do not apply to defects that are a result of, without limitation, the following:

- failure to install the water heater in accordance with the installation instructions or statutory requirements;
- faulty plumbing or water supply including excessive pressure;
- faulty power supply;
- use of the water heater in a manner contrary to this manual or other instructions provided by Dux;
- alterations or repair of the water heater other than by an accredited and licensed service agent or technician;
- accidental damage or abuse.

If the water heater is installed in a position that does not comply with the installation instructions or statutory requirements, then this warranty does not cover major dismantling or removal of cupboards, doors, walls or special equipment and/or excessive labour, at the determination of Dux, to make the water heater accessible for repair or replacement.

Where the Dux water heater is located outside the metropolitan area of a capital city and is more than 100km from a Dux office or Dux agent, the Owner will be responsible under the warranty for paying the costs of

transporting the water heater and or any component in the water heater to and from an approved Dux agent or Dux office (including any insurance associated with that transport), or paying the travelling time of an approved Dux agent to and from the owners premises.

Commencement of Warranty:

The warranty period commences from the date of installation of the water heater. Where proof of the date of installation is not available, the warranty period commences on the date of manufacture of the water heater. This is shown on the compliance plate on the outside of the water heater.

The replacement of the water heater, or a component of it, under this warranty does not change the warranty commencement date. The original commencement date continues to apply.

Consequential Losses:

Claims for damage to furniture, carpets, walls, foundations or any other consequential loss either directly or indirectly due to defects of any kind in the water heater will only be met by Dux where the damage could be considered reasonably foreseeable and the water heater was installed in accordance with the installation instructions and all relevant statutory requirements.



Warranty

The Australian Consumer Law (“ACL”):

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 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.

If Dux fails to meet a guarantee under the ACL, your remedy for such failure may be limited to any one or more of the following:

- replacement of the water heater;
- repair of the water heater;
- refunding the cost of the water heater;
- payment of the reasonable costs of having the water heater repaired;
- payment in respect of the reduced value of the water heater.

How to Make a Warranty Claim:

Warranty claims can be placed by completing the following steps:

- Contact Dux on one of the numbers listed below.
- Select the “Service” option followed by the “Hot Water” option.

- Provide the serial number and model number of the water heater. This can be found on the compliance plate on the outside of the water heater.
- Provide your full name, address and contact number.
- Provide proof of date of installation for warranty to commence from that date, rather than from the date of manufacture. See Commencement of Warranty on page 19.

Please note, if the defect or fault is not covered by the warranty or guarantee, you will be responsible for the costs incurred by the service agent or technician.

Contact Details:

Dux Manufacturing Limited
Lackey Road
Moss Vale, NSW, 2577
Australia

1300 365 115 (Australia)

0800 729 389 (New Zealand)

Email: duxaftersales@dux.com.au



Installation and Owner's Manual – Airoheat Heat Pump

airoheat[®]

Heat Pump Water Heater

For advice, repairs and service, call:

1300 365 115 (Australia)

0800 729 389 (New Zealand)

Please Register Your Water Heater



Please take a moment to fill out your details for warranty registration at:

www.dux.com.au/warranty

or use your smartphone to scan this code:



This will ensure all your current details are registered with us for prompt warranty service if required.

To view our privacy policy please visit <http://www.dux.com.au/p/privacy>

Date of Installation:

Installer's Name:

Installer's Company:

Installer's Licence No:

Installer's Signature:

Serial Number