

Automatic Boiling Water Dispenser

INSTALLATION

The installation of this wall mounted boiler must be carried out by a trades person qualified to carry out plumbing and plumbing connections. A stop tap is not supplied with the unit. A stop tap however should be fitted to the incoming mains water supply.

LOCATION

When possible, locate the unit above a sink draining board close to a cold water supply and a power outlet. The site should be dry and waterproof. Leave a clear space around the Boiler as shown.

CONCEALED PLUMBING OR ON THE SURFACE

If you decide on concealed plumbing you will need to install a two R 1/2 15 (1/2 BSP) female wing back, tee or elbows to the lower right hand corner of the boiler mounting position. See Fig A.

MOUNTING TO THE WALL

Determine the height of the boiler and then screw in the 2 top mounting screws. (10g x 40mm). See Fig B for details.

REMOVE THE COVER

Remove the 4 cover screws nearest the back. Remove the cover. Remove the faucet assembly and set aside.

FIT BOILER TO THE WALL

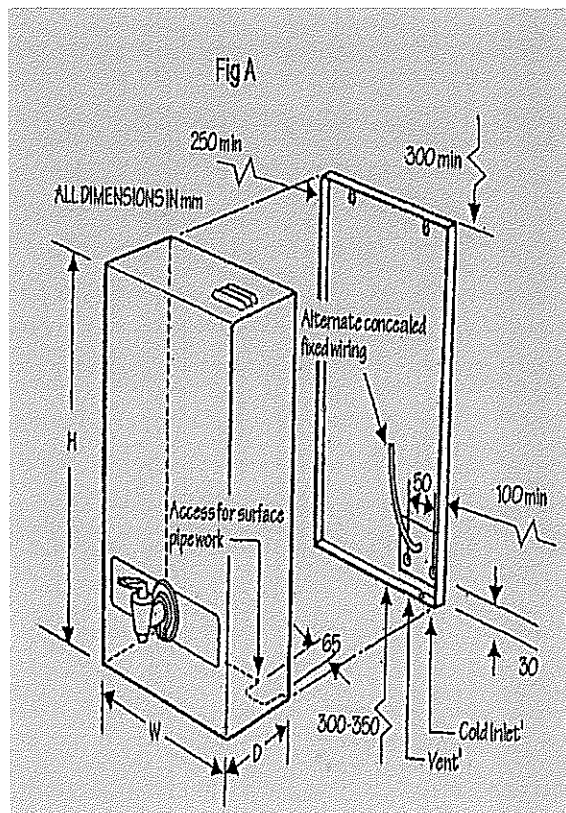
Hang the boiler on the wall at the 2 key hole fixing points provided at the top of the boiler back plate. Secure the base with the additional holes provided, as shown in Fig B.

CONNECTION WATER SUPPLY

Connect mains cold water supply (typical 15mm chromed copper tubing) to the outer, right hand 1/2 BSP connector (marked cold water inlet). If your water supply contains sand, grit or other suspended particles, fit an additional filter (not supplied) in the supply line. Contaminated water may cause a blockage in the boiler inlet valve.

CONNECT VENT/OVERFLOW

Connect a 1/2 BSP copper tube to the left side 1/2 BSP Vent/Overflow connector. This overflow vent must be arranged so as to divert excess water, steam or steam condensation into the SINK or DRAIN or to the EXTERIOR OF THE BUILDING. The vent tube must have unrestricted, continuous fall with a clear, open end. Alternatively, providing that you have sited the boiler over a sink or draining board you can vent directly through the bottom of the boiler through the hole provided. Make up and connect your overflow vent. It should not project more than 5mm past the bottom of the cover, when it is fitted. If your overflow is too long you will have difficulty in refitting the cover.



REFIT THE COVER AND FIT FAUCET ASSEMBLY.

Place the cover over the unit and refit the 4 screws. Take the faucet assembly and apply PTFE to the tail thread. Screw in until firm and tighten with backing nut. Next align faucet straight up and down with union nut. Leave the faucet in the closed/off position. The boiler is now ready for filling.

TURN ON WATER SUPPLY, CHECK FOR LEAKS

WAIT UNTIL FILLED. WAIT UNTIL WATER FLOWS FREELY FROM THE FAUCET

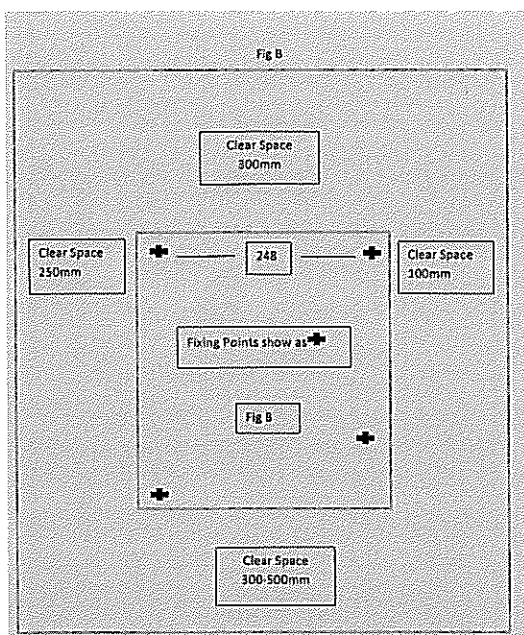
You will hear the inflowing water pass through the boiler inlet valve. When the water flows freely from the faucet you are ready to connect the power.

DO NOT CONNECT THE POWER UNTIL THERE IS WATER FLOWING FREELY FROM THE FAUCET. FAILURE TO DO THIS MAY CAUSE THE HEATING ELEMENT TO OVERHEAT AND FAIL.

CONNECT THE POWER AND SWITCH ON

When you have water flowing freely from the faucet you are free to turn on the power. Plug in the cord set provided and turn the switch on.

Your Boil and Brew will now operate automatically, filling on demand and maintaining boiling water temperatures.



BOIL AND BREW (AW1000)

Automatic Boiling Water Dispenser

INSTALLATION

The installation of this wall mounted boiler must be carried out by a trade's person qualified to carry out plumbing and plumbing connections. A stop tap is not supplied with the unit. A stop tap however should be fitted to the incoming mains water supply.

LOCATION

When possible, locate the unit above a sink draining board close to a cold water supply and a power outlet. The site should be dry and waterproof. *Leave a clear space around the Boiler as shown.*

CONCEALED PLUMBING OR ON THE SURFACE

If you decide on concealed plumbing you will need to install a two R 1/2 15 (1/2 BSP) female wing back, tee or elbows to the lower right hand corner of the boiler mounting position. See Fig A.

MOUNTING TO THE WALL

Determine the height of the boiler and then screw in the 2 top mounting screws. (10g x 40mm). See Fig B for details.

REMOVE THE COVER

Remove the 4 cover screws nearest the back. Remove the cover. Remove the faucet assembly and set aside.

FIT BOILER TO THE WALL

Hang the boiler on the wall at the 2 key hole fixing points provided at the top of the boiler back plate. Secure the base with the additional holes provided, as shown in Fig B.

CONNECTION WATER SUPPLY

Connect mains cold water supply (typical 15mm chromed copper tubing) to the outer, right hand 1/2 BSP connector (marked cold water inlet). If your water supply contains sand, grit or other suspended particles, fit an additional filter (not supplied) in the supply line. Contaminated water may cause a blockage in the boiler inlet valve.

CONNECT VENT/OVERFLOW

Connect a 1/2 BSP copper tube to the left side 1/2 BSP Vent/Overflow connector. This overflow vent must be arranged so as to divert excess water, steam or steam condensation into the SINK or DRAIN or to the EXTERIOR OF THE BUILDING. The vent tube must have unrestricted, continuous fall with a clear, open end. Alternatively, providing that you have sited the boiler over a sink or draining board you can vent directly through the bottom of the boiler through the hole provided. Make up and connect your overflow vent. It should not project more than 5mm past the bottom of the cover, when it is fitted. If your overflow vent is too long you will have difficulty in refitting the cover.

REFIT THE COVER AND FIT FAUCET ASSEMBLY.

Place the cover over the unit and refit the 4 screws. Take the faucet assembly and apply PTFE to the tail thread. Screw in until firm and tighten with backing nut. Next align faucet straight up and down with union nut. Leave the faucet in the closed/off position. The boiler is now ready for filling.

TURN ON WATER SUPPLY, CHECK FOR LEAKS

WAIT UNTIL FILLED. WAIT UNTIL WATER FLOWS FREELY FROM THE FAUCET

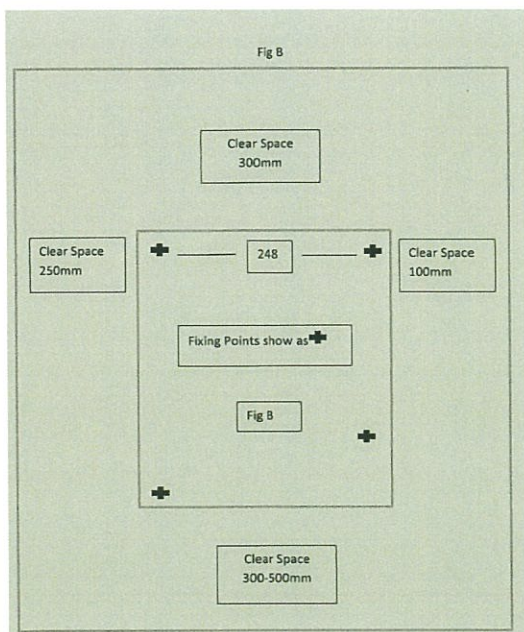
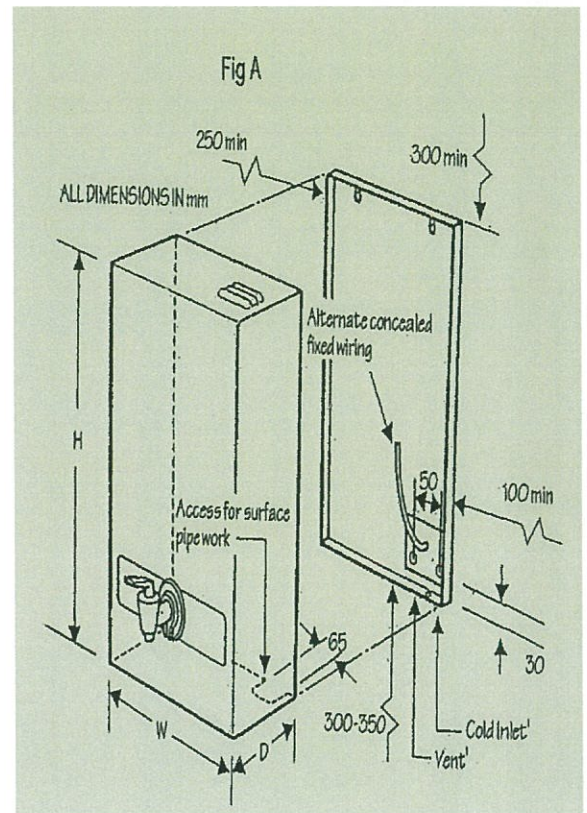
You will hear the inflowing water pass through the boiler inlet valve. When the water flows freely from the faucet you are ready to connect the power.

DO NOT CONNECT THE POWER UNTIL THERE IS WATER FLOWING FREELY FROM THE FAUCET. FAILURE TO DO THIS MAY CAUSE THE HEATING ELEMENT TO OVERHEAT AND FAIL.

CONNECT THE POWER AND SWITCH ON

When you have water flowing freely from the faucet you are free to turn on the power. Plug in the cord set provided and turn the switch on.

Your Boil and Brew will now operate automatically, filling on demand and maintaining boiling water temperatures.



Boil & Brew

Automatic Boiling Water Dispenser

MODEL AW1500

Installation

The installation of this wall mounted boiler must be carried out by a trades person qualified to carry out plumbing and plumbing connections. A stop tap is not supplied with the unit. A stop tap however should be fitted to the incoming mains water supply.

Location

When possible, locate the unit above a sink draining board close to a cold water supply and a power outlet. The site should be dry and waterproof.

Leave a clear space around the Boiler as shown.

'Concealed plumbing or on the surface

If you decide on concealed plumbing you will need to install a two R $\frac{1}{2}$ 15 (½ BSP) female wing back, tee or elbows to the lower right hand corner of the boiler mounting position. See fig. A.

Mounting to the wall

Determine the height of the boiler and then screw in the 2 top mounting screws. (10g x 40mm) See Fig B for details.

Remove the cover

Remove the 4 cover screws nearest the back. Remove the cover. Remove the faucet assembly and set aside.

Fit boiler to the wall

Hang the boiler on the wall at the 2 key hole fixing points provided at the top of the boiler back plate. Secure the base with the additional holes provided, as shown in Fig B.

Connect water supply

Connect mains cold water supply (typical 15mm chromed copper tubing) to the outer, right hand ½ BSP connector (marked cold water inlet). If your water supply contains sand, grit or other suspended particles, fit an additional filter (not supplied) in the supply line. Contaminated water may cause a blockage in the boiler inlet valve.

Connect vent/overflow

Connect a ½ BSP copper tube to the left side ½ BSP Vent/Overflow connector. This overflow vent must be arranged so as to divert excess water, steam or steam condensation into the SINK or DRAIN or to the EXTERIOR OF THE BUILDING. The vent tube must have unrestricted, continuous fall with a clear, open end. Alternately, providing that you have sited the boiler over a sink or draining board you can vent directly through the bottom of the boiler through the hole provided. Make up and connect your overflow vent. It should not project more than 5mm past the bottom of the cover, when it is fitted. If your overflow vent is too long you will have difficulty in refitting the cover.

Refit the cover and fit faucet assembly

Place the cover over the unit and refit the 4 screws. Take the faucet assembly and apply PTFE to the tail thread. Screw in until firm and tighten with backing nut. Next align faucet straight up and down with union nut. Leave the faucet in the closed/off position. The boiler is now ready for filling.

Turn on water supply, check for leaks

Wait until filled. Wait until water flows freely from the faucet.

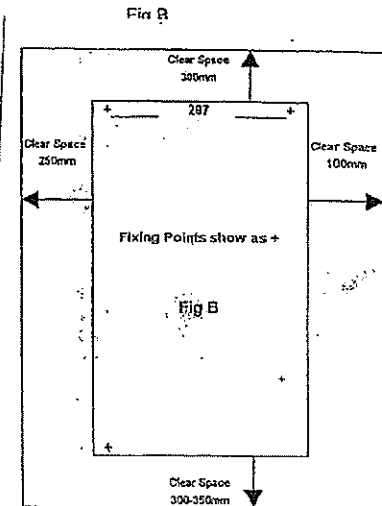
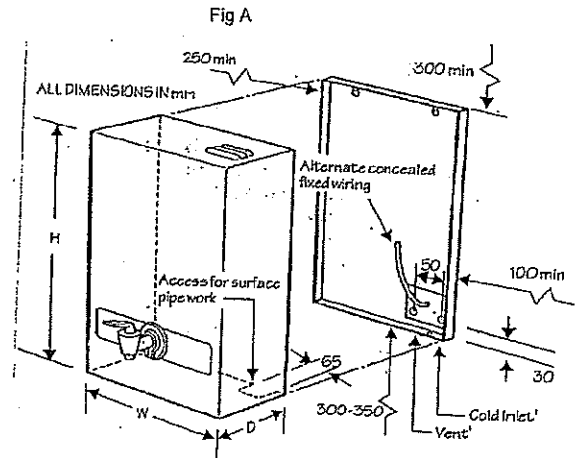
You will hear the inflowing water pass through the boiler inlet valve. When the water flows freely from the faucet you are ready to connect the power.

DO NOT CONNECT THE POWER UNTIL THERE IS WATER FLOWING FREELY FROM THE FAUCET. FAILURE TO DO THIS MAY CAUSE THE HEATING ELEMENT TO OVERHEAT AND FAIL.

Connect the power and switch on.

When you have water flowing freely from the faucet you are free to turn on the power. Plug in the cord set provided and turn the switch on.

Your Boil&Brew will now operate automatically, filling on demand and maintaining boiling water temperatures.



Boil & Brew

MODEL AW2500

Automatic Boiling Water Dispenser

Installation

The installation of this wall mounted boiler must be carried out by a trades person qualified to carry out plumbing and plumbing connections. A stop tap is not supplied with the unit. A stop tap however should be fitted to the incoming mains water supply.

Location

When possible, locate the unit above a sink draining board close to a cold water supply and a power outlet. The site should be dry and waterproof.

Leave a clear space around the Boiler as shown.

*Concealed plumbing or on the surface

If you decide on concealed plumbing you will need to install a two R $\frac{1}{2}$ 15 (½ BSP) female wing back, tee or elbows to the lower right hand corner of the boiler mounting position.

See fig. A.

Mounting to the wall

Determine the height of the boiler and then screw in the 2 top mounting screws. (10g x 40mm) See Fig B for details.

Remove the cover

Remove the 4 cover screws nearest the back. Remove the cover. Remove the faucet assembly and set aside.

Fit boiler to the wall

Hang the boiler on the wall at the 2 key hole fixing points provided at the top of the boiler back plate. Secure the base with the additional holes provided, as shown in Fig B.

Connect water supply

Connect mains cold water supply (typical 15mm chromed copper tubing) to the outer, right hand ½ BSP connector (marked cold water inlet). If your water supply contains sand, grit or other suspended particles, fit an additional filter (not supplied) in the supply line. Contaminated water may cause a blockage in the boiler inlet valve.

Connect vent/overflow

Connect a ½ BSP copper tube to the left side ½ BSP Vent/Overflow connector. This overflow vent must be arranged so as to divert excess water, steam or steam condensation into the SINK or DRAIN or to the EXTERIOR OF THE BUILDING. The vent tube must have unrestricted, continuous fall with a clear, open end. Alternately, providing that you have sited the boiler over a sink or draining board you can vent directly through the bottom of the boiler through the hole provided. Make up and connect your overflow vent. It should not project more than 5mm past the bottom of the cover, when it is fitted. If your overflow vent is too long you will have difficulty in refitting the cover.

Electrical supply and Wiring

The AW2500 is supplied without a cord set and should be permanently wired using a switch isolator and wiring rated at no less than 15 Amps. The wiring and electrical connection should be carried out by a qualified tradesperson. Connect the 240v AC single phase 15 amp wiring to the connector provided. Ensure that the boiler is correctly earthed. DO NOT CONNECT THE POWER TO THE BOILER UNIT UNTIL THE WATER SUPPLY IS CONNECTED AND WATER FLOWS FREELY FROM THE FAUCET.

Refit the cover and fit faucet assembly

Place the cover over the unit and refit the 4 screws. Take the faucet assembly and apply PTFE to the tail thread. Screw in until firm and tighten with backing nut. Next align faucet straight up and down with union nut. Leave the faucet in the closed/off position. The boiler is now ready for filling.

Turn on water supply, check for leaks

Wait until filled. Wait until water flows freely from the faucet.

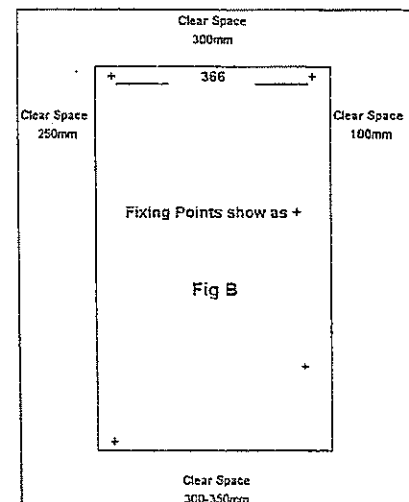
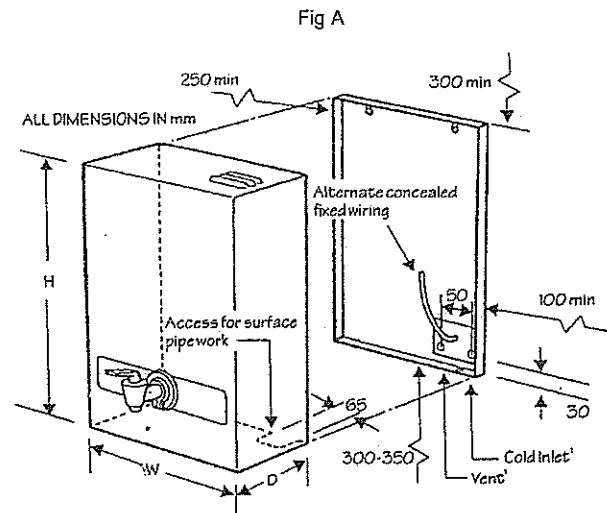
You will hear the inflowing water pass through the boiler inlet valve. When the water flows freely from the faucet you are ready to connect the power.

DO NOT CONNECT THE POWER UNTIL THERE IS WATER FLOWING FREELY FROM THE FAUCET. FAILURE TO DO THIS MAY CAUSE THE HEATING ELEMENT TO OVERHEAT AND FAIL.

Connect the power and switch on.

When you have water flowing freely from the faucet you are free to turn on the power.

Your Boil&Brew will now operate automatically, filling on demand and maintaining boiling water temperatures.



Boil & Brew Automatic Boiling Water Dispenser Installation

MODEL AW3500

The installation of this wall mounted boiler must be carried out by a trades person qualified to carry out plumbing and plumbing connections. A stop tap is not supplied with the unit. A stop tap however should be fitted to the incoming mains water supply.

Location

When possible, locate the unit above a sink draining board close to a cold water supply and a power outlet. The site should be dry and waterproof.

Leave a clear space around the Boiler as shown.

Concealed plumbing or on the surface

If you decide on concealed plumbing you will need to install a two R $\frac{1}{2}$ 15 (½ BSP) female wing back, tee or elbows to the lower right hand corner of the boiler mounting position. See fig. A.

Mounting to the wall

Determine the height of the boiler and then screw in the 2 top mounting screws. (10g x 40mm) See Fig B for details.

Remove the cover

Remove the 4 cover screws nearest the back. Remove the cover. Remove the faucet assembly and set aside.

Fit boiler to the wall

Hang the boiler on the wall at the 2 key hole fixing points provided at the top of the boiler back plate. Secure the base with the additional holes provided, as shown in Fig B.

Connect water supply

Connect mains cold water supply (typical 15mm chromed copper tubing) to the outer, right hand ½ BSP connector (marked cold water inlet). If your water supply contains sand, grit or other suspended particles, fit an additional filter (not supplied) in the supply line. Contaminated water may cause a blockage in the boiler inlet valve.

Connect vent/overflow

Connect a ½ BSP copper tube to the left side ½ BSP Vent/Overflow connector. This overflow vent must be arranged so as to divert excess water, steam or steam condensation into the SINK or DRAIN or to the EXTERIOR OF THE BUILDING. The vent tube must have unrestricted, continuous fall with a clear, open end. Alternately, providing that you have sited the boiler over a sink or draining board you can vent directly through the bottom of the boiler through the hole provided. Make up and connect your overflow vent. It should not project more than 5mm past the bottom of the cover, when it is fitted. If your overflow vent is too long you will have difficulty in refitting the cover.

Electrical supply and Wiring

The AW3500 is supplied without a cord set and should be permanently wired using a switch isolator and wiring rated at no less than 20Amps. The wiring and electrical connection should be carried out by a qualified tradesperson. Connect the 240v AC single phase 20amp wiring to the connector provided. Ensure that the boiler is correctly earthed. DO NOT CONNECT THE POWER TO THE BOILER UNIT UNTIL THE WATER SUPPLY IS CONNECTED AND WATER FLOWS FREELY FROM THE FAUCET.

Refit the cover and fit faucet assembly

Place the cover over the unit and refit the 4 screws. Take the faucet assembly and apply PTFE to the tail thread. Screw in until firm and tighten with backing nut. Next align faucet straight up and down with union nut. Leave the faucet in the closed/off position. The boiler is now ready for filling.

Turn on water supply, check for leaks

Wait until filled. Wait until water flows freely from the faucet.

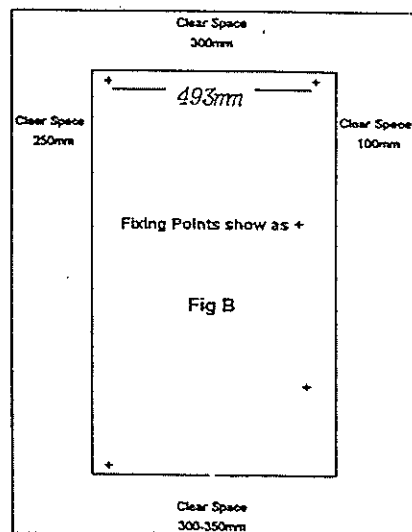
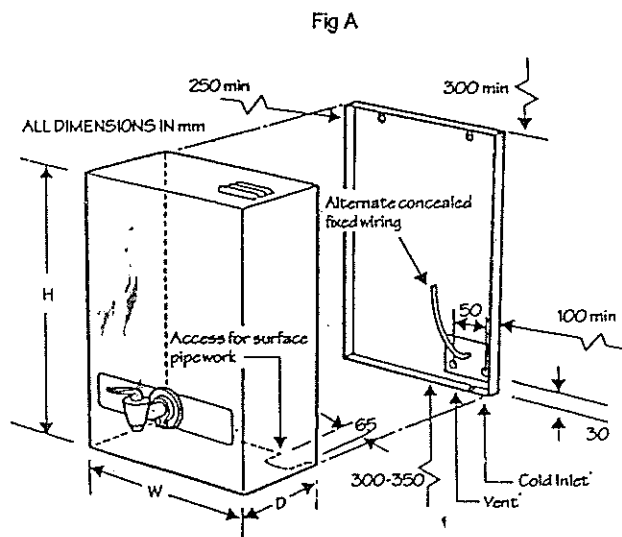
You will hear the inflowing water pass through the boiler inlet valve. When the water flows freely from the faucet you are ready to connect the power.

DO NOT CONNECT THE POWER UNTIL THERE IS WATER FLOWING FREELY FROM THE FAUCET. FAILURE TO DO THIS MAY CAUSE THE HEATING ELEMENT TO OVERHEAT AND FAIL.

Connect the power and switch on.

When you have water flowing freely from the faucet you are free to turn on the power.

Your Boil&Brew will now operate automatically, filling on demand and maintaining boiling water temperatures.



**GUARANTEE 5 YEARS
HJ COOPER LTD
AVONDALE, AUCKLAND**

The Boil and Brew Hot Water Dispenser Copper interior is guaranteed for five years effective from the date of manufacture against failure due to defective materials or workmanship. Should a defect occur during the guarantee period and considered at the time a valid basis for claim under the terms of the guarantee, the product must be returned to our factory for examination. We reserve the right at our discretion to reject any claim if in our opinion the Boil and Brew has been misused, incorrectly installed, altered or repaired by other than HJ Cooper Ltd.

The guarantee applies only to defects occurring under conditions of normal use for any purpose for which the Boil and Brew has been manufactured. Failure induced by chemical action of aggressive water or other substances introduced artificially into the water supply will not give rise to a valid claim.

HJ Cooper Ltd shall not in any circumstances whether by virtue of the guarantee or otherwise be liable in contract or tort for any incidental or consequential loss, expenditure or danger direct or indirect of any kind suffered by the purchaser or any other person.

The element, thermostat, faucet and all working parts supplied or fitted with this product are independently guaranteed by their respective manufacturers for twelve months.