



Tripping Power / No Power

Causes :

1. The tank overflowed and electronics got wet
2. Motherboard damaged
3. Kettle element burned out
4. Fuse needs to be replaced

1. Electronics got wet due to tank overflowing



Lift the bottle part off the machine & place in a bucket. Check the water level in the tank. If the water tank is more than half way full it means the float valve is not locking



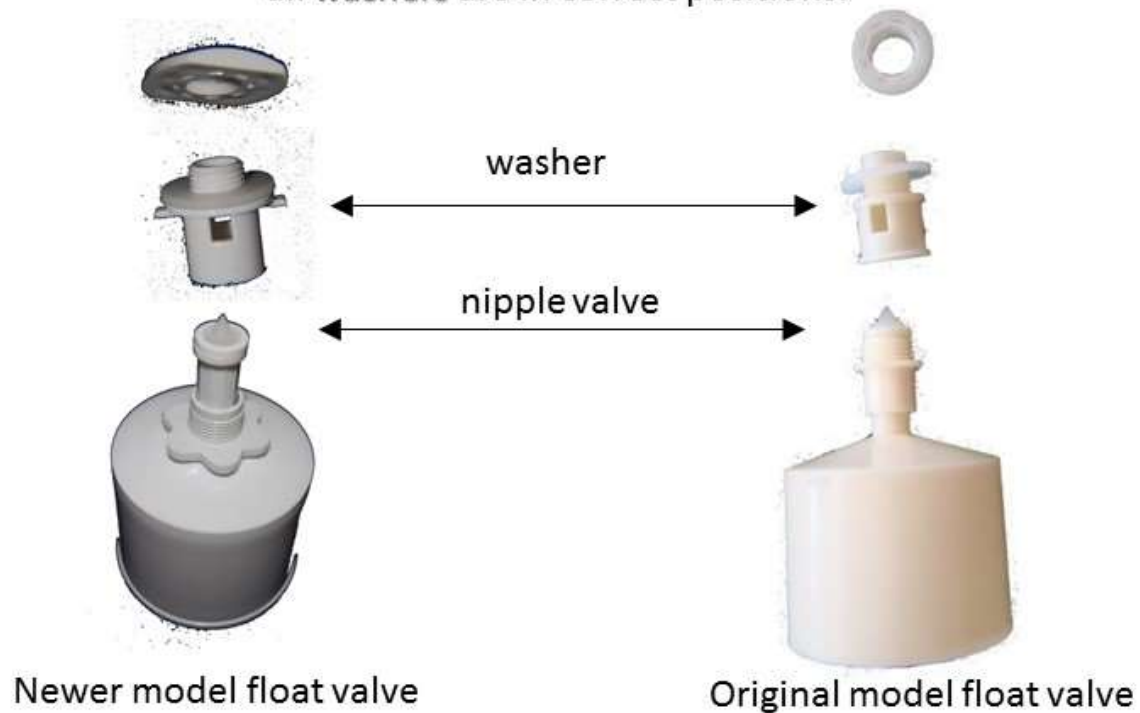
Drain the water in the tank by running both taps, until the tank is completely empty

Unscrew float valve from bottom bowl

The **float valve** regulates the flow of water into the tank. If it doesn't lock properly, the tank will overflow and water will run into the inside of the machine and out the bottom. A good clean of the float valve will normally resolve this matter. If washers are not in correct position and float valve not tightened securely, leaking will also occur.

Unscrew float valve and clean under running water with a clean Chux. Do not use any soap or detergents

Reassemble bowl making sure float valve is securely tightened (but do not force). Make sure all washers are in correct positions.



Tilt cooler to the side to allow water still in base to run out. Place drained cooler in the sun and or somewhere with good ventilation or in front of a fan) to allow the electronics to dry out.



Allow at least 24 hours.



Reassemble bottle, ensuring float valve is securely tightened and all washers are in correct positions.

Turn power back on.

Make sure Cold & Hot is turned OFF when turning back on



There should be NO red / blue bars above the temperature reading on the hot & cold side



Turn cold water on by pushing the Cool button – top right once. The blue snowflake & blue bars will come on.

Wait about 5 minutes to see if compressor kicks in and that cold water temperature starts to drop on the display



If the power trips when turning on the cold water it's either the motherboard that got damaged (see page 12) or the compressor has died. If the latter – this cannot be repaired.

Check that you have water coming from the HOT TAP.

If not - wait another 10 minutes or until water is coming out of the hot tap. Now Turn on the hot water by pushing the Heat button – top left. The red flames & bars will come on.

Wait about 5 minutes to see if the temperature starts to heat up on the display



If the power trips when turning on the hot water, it could be either the hot relay on the motherboard that is damaged or the kettle element that has burned out.

2. CHECK MOTHERBOARD FOR DAMAGE

**TURN POWER OFF & UNPLUG
BEFORE STARTING !**



Unscrew 2 x screws at back – loosening the lid



Gently wiggle the lid loose



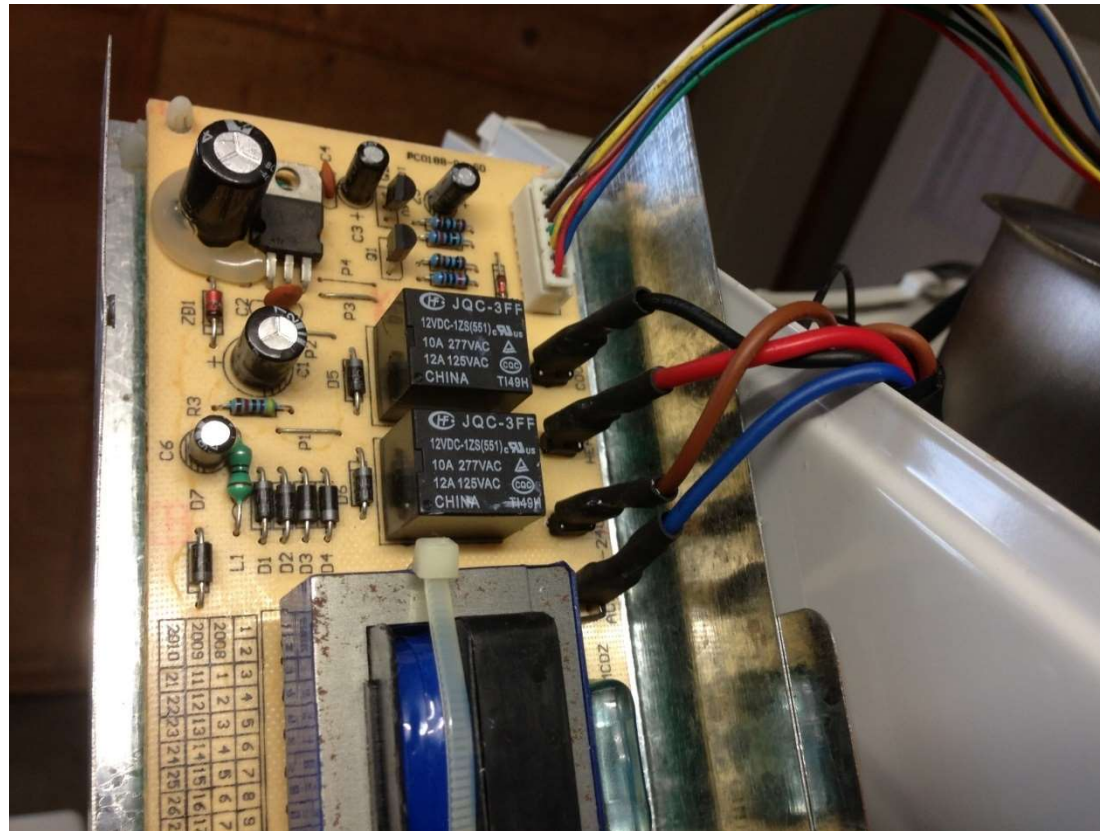
Remove Lid, ensuring wires stay intact.



Undo metal box where motherboard is located by removing 2 x screws at back of machine that holds metal box in place.

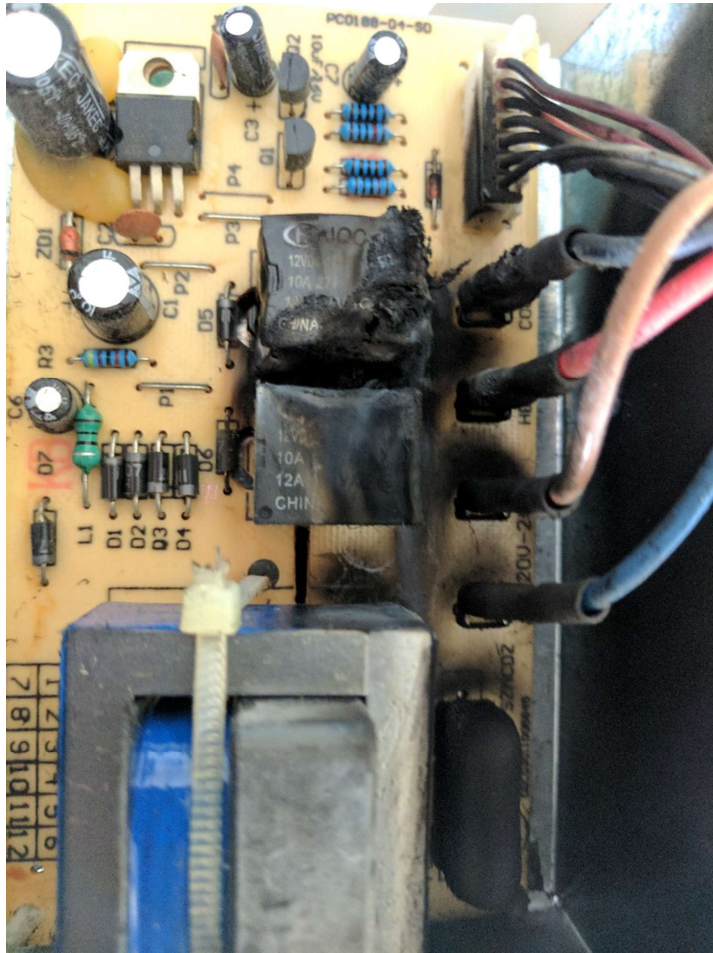


If there's no box here – the machine is pre-2006 motherboard is located at the bottom of the tank, parts on these not available anymore



Check for any signs of damage (electrical burns) on the motherboard. If nothing on the front, undo the motherboard from the casing and check back. It is possible that only the section that controls the hot got damaged, but cold is still working.

Signs of damage to Motherboard



If any signs of damage the motherboard needs to be replaced.



\$55 Postage included

If your motherboard looks like this – it's a pre 2006 model – parts not available anymore



3. KETTLE ELEMENT HAS BURNED OUT

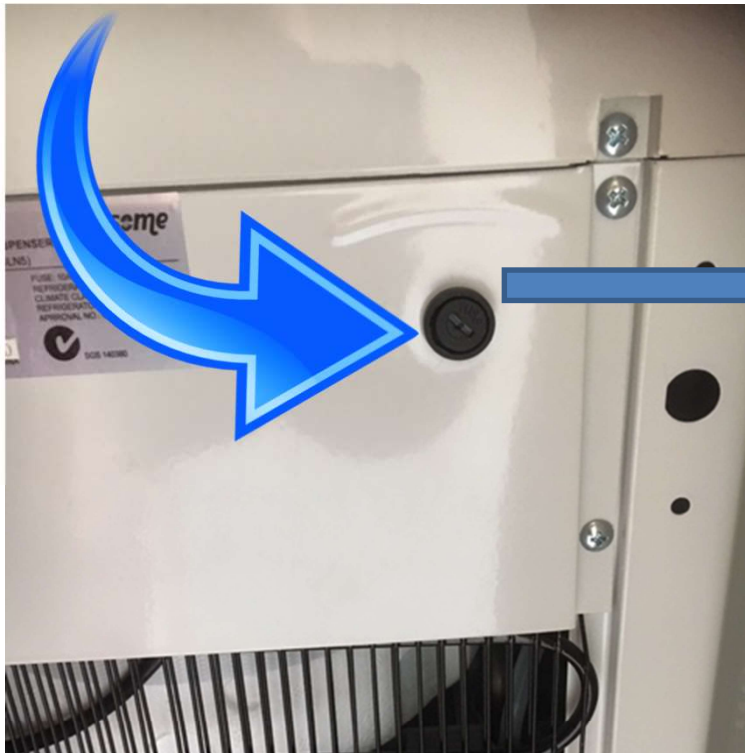


If the motherboard seems fine then it is most likely the kettle element that has burn out. The kettle will need to be replaced.

A trained Awesome Water Operator would need to attend to this repair.

4. FUSE NEEDS TO BE REPLACED

At back of machine, open the fusing casing by using a flat nose screwdriver pushing in & turning anti-clockwise



**Check if fuse is damaged –
replace with 10A
– 250v Fuse**

If there is no fuse casing on the back as indicated, the casing is internal – pre 2006 model and repair not recommended