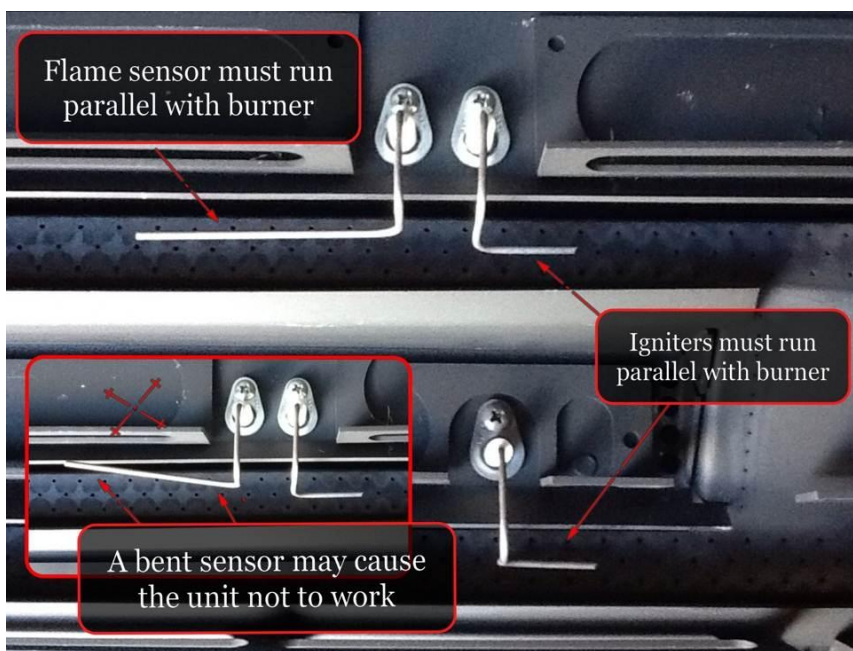


The Trouble shooting - Heatmaster enviro

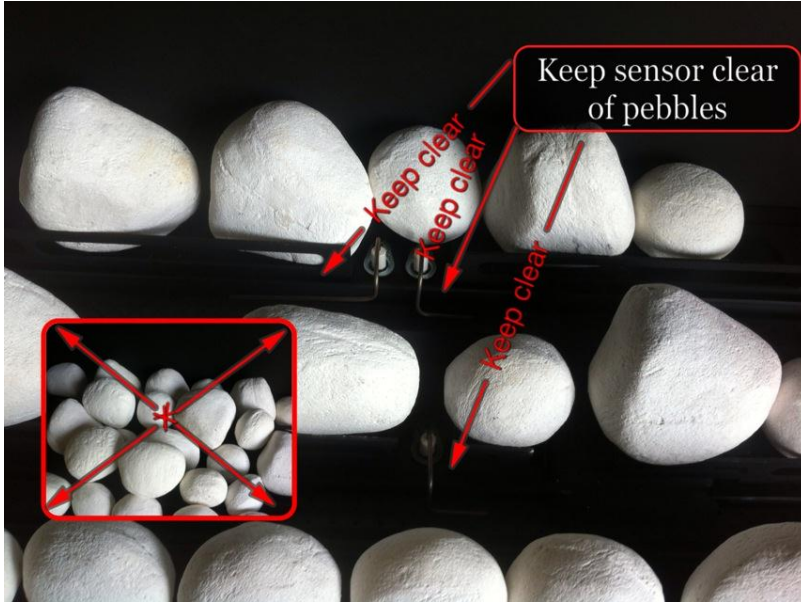
Issue	Cause	Solution
Unit not starting	<ol style="list-style-type: none"> 1. Insufficient power 2. Igniters and or sensor is shorting out 3. Desired temperature is set below room temperature 	<ul style="list-style-type: none"> • Turn on isolation switch • Clean soot off igniters/sensor and make sure they are running parallel with burner (see below) • Increase desired room temperature



Be sure no pebbles or the pebble racks come in contact with the two igniters (running to the right) and the flame sensor (running to the left)
This may cause the unit to malfunction

Turning on 1 - 3 sec	<ol style="list-style-type: none"> 1. Soot build up on flame sensor 2. Insufficient power 	<ul style="list-style-type: none"> • Clean flame sensor with a dry cloth • Make sure no extension cord or power board are being used.
----------------------	---	---

ALL PLUMBING AND ELECTRICAL WORK TO BE CARRIED OUT BY A QUALIFIED TECHNICIAN



The sensors should be kept clear of pebbles, log or coals at all times,

They should not be obstructed in any way.

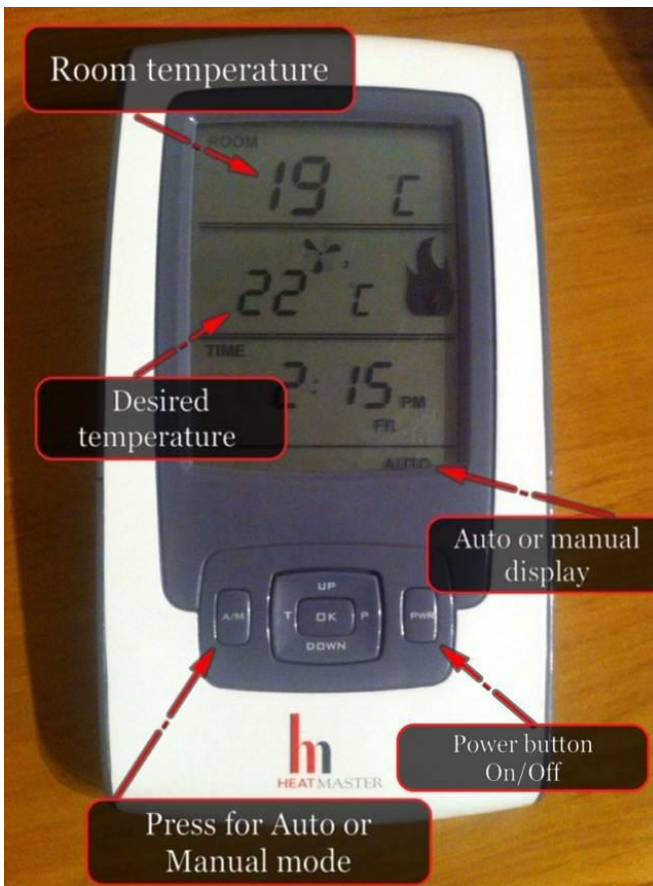
(see image)

The flame sensor should sit approx. 10mm off the burner

The igniters should sit approx. 5mm off the burner

<p>Turning on 5 sec</p>	<ol style="list-style-type: none"> 1. Insufficient air 2. Insufficient gas pressure 	<ul style="list-style-type: none"> • Make sure that air intake flue is not crushed Compressed. • Make sure incoming gas pressure is sufficient and there are no blockages or obstructions.
<p>Turning off after 5-6 min and then turning back on then off again</p>	<ol style="list-style-type: none"> 1. Insufficient air 2. Room temperature has reached desired temperature 	<ul style="list-style-type: none"> • Make sure that flue air intake is connected to cowl (may be the case in brick chimney) making sure sufficient clearances are from cowl to eve, ground, side wall • Increase desired temperature on remote control.

<p>Flame turning off by itself</p>	<ol style="list-style-type: none"> 1. Remote is on "Auto" 2. Unit goes over desired temp 	<ul style="list-style-type: none"> • Turn remote to manual • Use manual controls on unit
------------------------------------	--	--

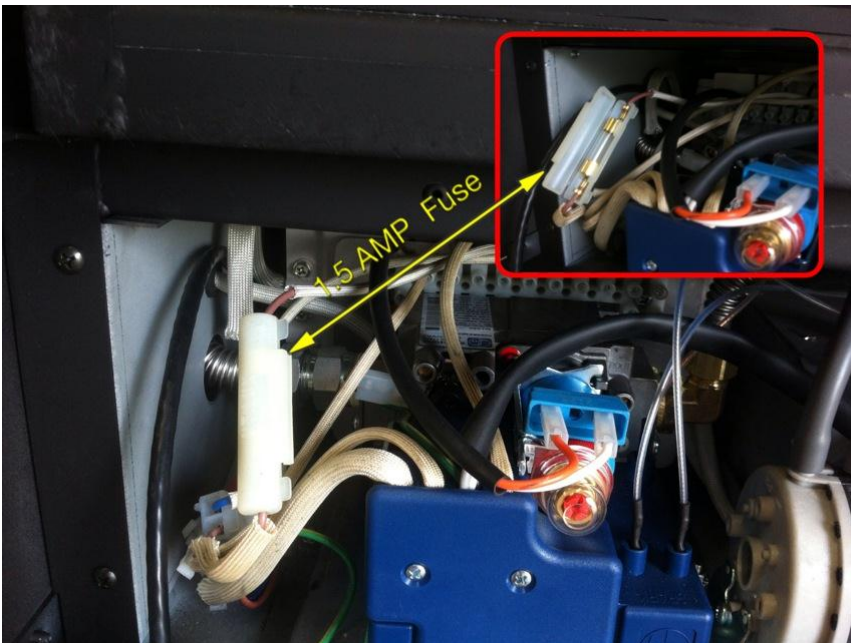


The enviro remote should be only on "auto" mode if you have programmed the unit to come on and off at specific times

Otherwise it should be on "manual" mode.

<p>Unit not turning on when you have programmed it.</p>	<ol style="list-style-type: none"> 1. Remote on "Manual" 2. Remote power button not turned "on" 	<ul style="list-style-type: none"> • Turn remote to Auto • Turn power button "On"
---	---	---

Issue	Cause	Solution
Unit not coming on (no spark, flames or fans)	<ol style="list-style-type: none"> 1. Power not turned on 2. Fuse has blown 	<ul style="list-style-type: none"> • Turn on isolation switch • Remove and replace fuse



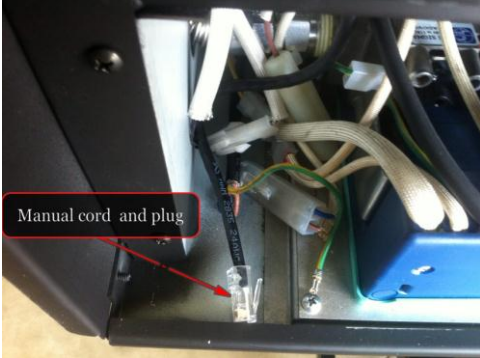
The fuse is found in a plastic protective case at the bottom left hand side of the unit.

The fuse is 1.5AMP

IMPORTANT

Make sure the isolation switch is turned off before removing.

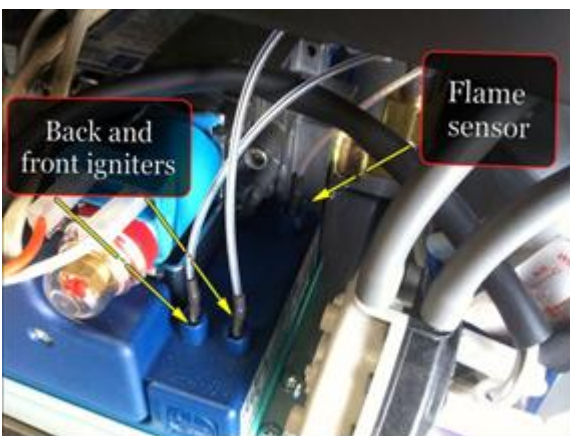
Issue	Cause	Solution
Unit not coming on (no spark, flames or fans)	<ol style="list-style-type: none"> 1. No power 2. Manual control not plugged in or is damaged 3. Fuse has blown 	<ul style="list-style-type: none"> • Ensure manual control is plugged in (see image below) and not damaged • Turn on isolation switch • Remove and replace fuse



Be sure to plug in the manual control prior to attaching the fascia.



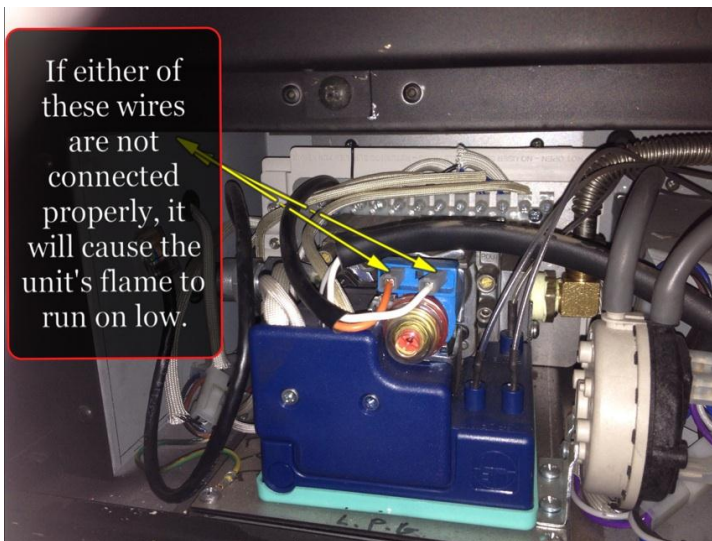
Issue	Cause	Solution
Manual controls not working	<ol style="list-style-type: none"> 1. Manual control not plugged in or is damaged 2. Fuse has blown 	<ul style="list-style-type: none"> • Ensure manual control is plugged in (see image above) and not damaged • Turn on isolation switch • Remove and replace fuse
You can hear the unit try and spark but there is not visual spark inside the unit.	<ol style="list-style-type: none"> 1. One or both igniters are arching out 2. Igniters not plug in correctly 3. Igniters damaged 	<ul style="list-style-type: none"> • Ensure igniters are correctly plugged in and rubber coating is sealed • Replace igniters



The igniters are found at the front of the blue box and the flame sensor at the rear.

Make sure the plastic/rubber protective coating is sealed.

Issue	Cause	Solution
Flames running on low only	1 Modulating wires are loose or not connected properly	<ul style="list-style-type: none"> Ensure wires are connected properly (see image below) and not damaged



The white and orange modulating wires are found at the top of the Gas valve (see image left)

Make sure they are both connected properly and not damaged.

Issue	Cause	Solution
Unit not sparking	<ol style="list-style-type: none"> Igniters are shorting out Blockage in fluing 	<p>Check igniter leads from blue box to unit making sure the plastic coating is not damaged.</p> <p>Clean flues and cowl, make sure there is nothing blocking or restricting air intake and exhaust.</p>