

## Airlock Instructions

1. Both Red and Green lights on Control Panel will be flashing.
2. Sometimes a squealing sound can be heard coming from the equipment compartment.
3. The heater is pressure sensitive, if it gets an air bubble in it, it will shut itself off at the heater.
4. This is most common when refilling your spa. More often when you actually drain out the equipment drain rather than just the main tub drain. When refilling your spa, you should place the hose into the hollow stand pipe that the filter sits on. This is usually a gray cap, the rest are white this will help eliminate airlocks, along with only draining your spa, not the equipment compartment. (Refer to your owners manual to know which drain to use)

### Steps to Fix:

1. Turn off both 20 and 30 amp breakers.
2. Remove the filters and put screw caps back on.
3. Turn on 20 amp breaker only. For Caspian, Vista, Envoy turn the 30 amp breaker on. Run the jets and rotate the smart jet lever(s) 15 minutes at 3, 6, 9, & 12 o'clock positions until the tub is running smooth. Also shut down waterfall, or other water features.
4. At this point you will have to push the reset button on your heater. Unless you have a 2004 or newer (or if we've installed a new heater since October 2005), in which case the heater automatically resets when the breakers are shut down for 15 minutes. If you have a reset button, (this should be done using a screw from the compartment door) the reset button is located at the base of the heater, either in front or in back or on the side.
5. Turn 30 amp breaker on. (For Caspian, Vista or Envoy turn the 20 amp breaker on.)
6. This may have to be repeated until all the air is out of tub.
7. Leave your filters out until the spa comes up to temperature.
8. Put filters back in.

### Steps if Problem Still Persists:

1. Unclamp hoses in equipment compartment running from the heater and circulation pump. Gently pull and twist hoses until air pocket releases itself.
2. Replace Clamps.
3. Repeat steps 1-8 except step #3 – you only have to rotate the Smart Jet Lever every 5 minutes to all positions.