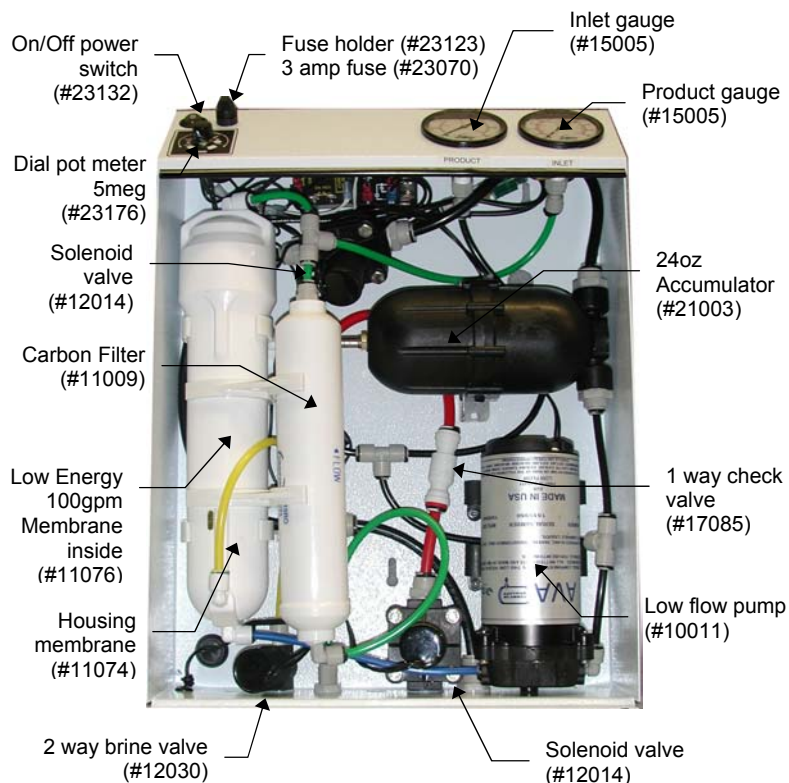


# ATOMIZER

## Maintenance Requirements

1. Pre-filter and membrane should be replaced at the same time once a year.
2. Nozzles should be wiped down when case is cleaned.
3. Gauges should be checked for adequate inlet and product pressure.
4. Unit should be inspected for leaks.
5. TDS reading should be taken to ensure it does not exceed 50% of the inlet water reading.
6. If more or less moisture is desired, remember that only small changes make a big impact and may take a day before fully realized. Typically settings are on for about .5 seconds for about every 20 minutes of off time.



## Trouble Shooting

Problem	Solution
Some tips are dripping after mist	Replace tips with new ones. Bad ball checks.
Most of the tips are dripping after mist.	This suggests purge valve is not opening or a line restriction exist. Check red tube line and see if after each mist, water is exiting. If not this is the problem It may be the valve or something else causing the valve not to open. If the on time for the mist is on in excess of 3.5 seconds the purge valve will not function. If on time is less than 3.5 seconds, check to see if valve is getting an electric pulse after mist cycle. If not check wiring connections or replace timing module. If electric 24volt pulse exist than purge valve will need to be replaced. If water is exiting the red line after each mist then a line restriction must exist. This will sometimes cause a slow ON for mist as well. This could be caused by feed ports on mist bar being tightened. They are suppose to be loose. About two full turns is all. If not search for a kinked line going to the mist bar, or possibly the purge valve is not opening fully.
Solenoid Valve is buzzing or skipping mist cycles.	In this case the solenoid valve may need to be replaced. First check to see if the valve is receiving approximately 24volt signal. If getting substantially less check connections or replace timing module.
Timing for mist times is inconsistent.	Replace timing module. In rare cases it may require the replacement of the dial pot for off time.
Pump never turns off. (Providing it has inlet pressure or requires change of pre-filters or membrane)	If product pressure rises substantially above 130psi, replace high pressure switch. If pump never reaches 125psi product pressure adjust unloader at the head of the pump (tighten) if still no results then replace pump.
Pump never turns on.	Check fuse, high pressure switch, transformer or pump needs replaced.
Mists for split second and begins dripping or only drips.	Watch pressure gauge during mist. If it drops to zero psi, then pressure tank has lost air pressure. All water will need to be drained from the tank and then air pressure set at 65psi. If a leak exists then replace pressure tank.

For further technical support in the UK contact:

Phoenix Retail Services Ltd  
 Tel: 01494-880200 Fax:01494-881204  
 maitech@phoenixretail.com