

## Trouble Shooting Check List

### No air flow from exhaust of mist eliminator:

1. Check motor to be sure it is turning. If not, get electrician to check motor for correct voltage or other electrical problems and correct if necessary.
2. If the motor is rotating, check to see that the blower wheel is rotating on the shaft and tighten if it is slipping.
3. If the motor and blower wheel are functioning, check the position of dampers in the supply duct. Open them if they are closed.
4. Check the prefilters for blockage and clean or replace them if necessary.
5. Check the TFP cells for blockage and replace them if blocked.
6. Check the 3rd stage optional filter if present and replace if blocked.
7. If all dampers in the system are open, check for blockage in the supply hood or duct and remove them.
8. The problem should be resolved.

### Mist visible in the exhaust:

1. Check direction of motor rotation. It should be as per arrow above the motor.
2. Check the trap to make sure that it conforms to the dimensions shown on the sticker attached to each side of the Eliminator body. Correct if necessary. Failure to construct a proper trap and fill it with liquid will prevent cause mist to build up and eventually be exhausted from the unit.
3. Check to make sure that the Eliminator is installed level.
4. Check to make sure that the filter clamping frame is clamping the filter and TFP cell firmly against the seal on the inlet end of the unit. If not, adjust the clamp to improve the seal.
5. If the TFP cell is heavily loaded with sludge or particulates, replace the TFP cell.
6. If the optional 3<sup>rd</sup> stage filter is present, check for holes and replace if necessary.
7. If items 1 to 3 check out, you may need a finer filter. This can occur with a change in the speed of the equipment, a tool change or a change in liquid used as lubricant or coolant in the production machine. In this case, increase to a finer filter. A 95% ASHRAE filter should be replaced with a 95% D.O.P. filter or increase from a 95% D.O.P. filter to a HEPA filter.
8. The problem should now be resolved.

### Mist Building up in the Eliminator:

1. This will be caused by a blockage in the drain. Check the drain and trap and remove the blockage.
2. The problem should now be solved.

#### Note:

If the problem still persists, contact the manufacturer for advice.