

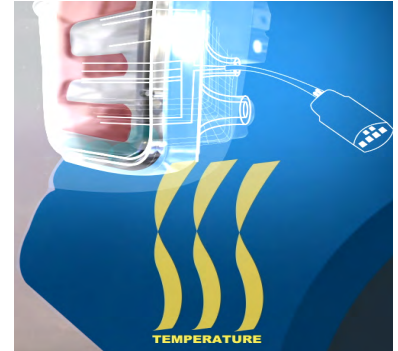
Why is my light foggy or filled with water?!

To answer this question, we need to first understand what **condensation** is and what **water leak** is.

CONDENSATION

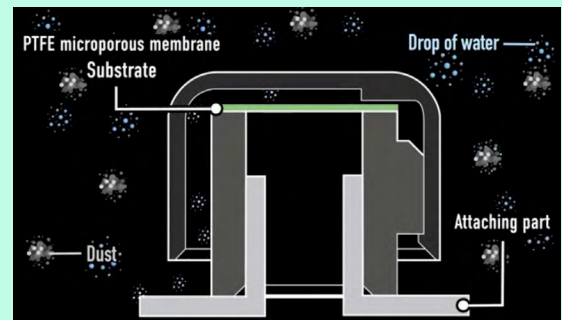
Condensation is the process by which water vapor in the air is changed into liquid water; it will appear as small droplets, misting or fogginess inside the light.

This is a naturally occurring physical process of nature seen in everyday life such as water droplets forming on a can of cold soda on a hot day. In the case of lights, condensation will form on the cool surface of the lens especially after a change in weather and humidity.



AlphaRex designed our lights with semi-permeable vents to keep liquid water, dirt and dust out

Some condensation is considered normal and the fogginess should be driven out as the light warms up during usage.



WATER LEAK

Water leak can be identified by the buildup of excess water resulting in "pooling" of water inside the light or the formation of large droplets of water.

This may be a result of misuse or abuse of the light (which will not be covered by Alpharex warranty) or an actual defect in workmanship (which will be covered by Alpharex warranty). Unlike condensation, water leaks have the potential to damage the light, rendering it useless.



HOW DO I GET RID OF THE WATER

If you are experiencing condensation, here are several methods to get rid of the condensation:

1. Most importantly, check if all bulbs, dust caps, connectors are properly installed so that the light is properly sealed.
2. Open the dust cap/connector on the back of the light and use a heating element such as a hair drier to blow hot dry air into the light to drive out the moisture. Reinstall the dust cap/connector to seal the light.
3. Choose a sunny day with low humidity, remove dust cap/connector and park the vehicle in direct sunlight; do not operate the vehicle while the dust cap/connector is not properly installed.



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