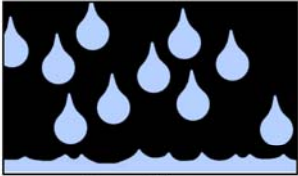
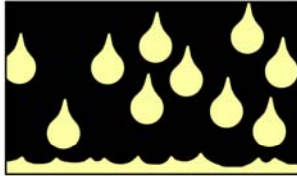




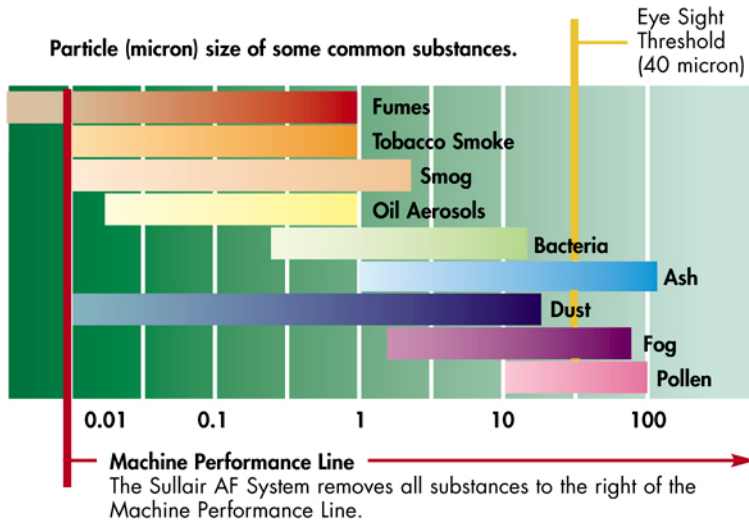


COMPRESSED AIR CONTAMINANTS

| MOISTURE | | OIL | |
|---|--|-----|--|
| <p>REMOVED BY:</p> <p>Separators Mechanical Filters Coalescing Filters Air Dryers</p>  <p>Free Water</p> | <p>REMOVED BY:</p> <p>Separators Mechanical Filters Coalescing Filters</p>  <p>Free Oil</p> | | |
|  <p>Aerosol Mist</p> <p>REMOVED BY:</p> <p>Coalescing Filters Air Dryers</p> |  <p>Aerosol Mist</p> <p>REMOVED BY:</p> <p>Coalescing Filters</p> | | |
|  <p>Vapor</p> <p>REMOVED BY:</p> <p>Air Dryers</p> |  <p>Vapor</p> <p>REMOVED BY:</p> <p>Adsorbents</p> | | |

Contaminant Particle Sizes

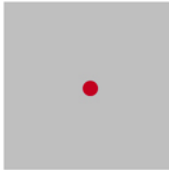


MICRONS ARE MINUTE—

A micron is one millionth of a meter, or 1/1000 millimeter. A 1.0 micron particle is invisible without magnification. (A 40-micron particle is the smallest size

visible to the human eye.) Because micron particles are so small, air filtration is essential.

If .01 micron is this big...



then .1 micron is this big...



and this arc is just part of a full 1.0 micron.



When you realize it takes 10 million particles 1.0 micron in diameter to cover this 1/8 inch dot ● you can appreciate submicron particulate removal.

| | ISO 8573-1: 1.7.1 | | |
|---|-----------------------|-------------------|---------------------|
| | Particle Size Class 1 | Dew Point Class 7 | Oil Content Class 1 |
| Standard- Maximum Particle Size and Maximum Concentration | 0.1 Micron | No Requirement | 0.01 mg/cu m |
| Sullair AF Contaminant Removal Performance | 0.01 Micron | No Requirement | 0.009 mg/cu m |