



POINT OF USE AIR DRYERS

1. Centrifugal Spinning

Water, dirt, & oil contaminants are spun in a downward circular motion through the air. The spinning action forces heavy particles outward, towards the drain.

2. Final Filter Media

Our elements are composed of stainless steel. The filter captures excess sub-micron water droplets. Filtration to 3.0 micron.

3. Stainless Steel Element

Pre-cleaned air enters a filter media composed of finely interwoven stainless steel mesh wires. The striated surface efficiently holds aerosols and liquid droplets, which then fall into the drain area. Filtration to 3.0 micron.

4. Inverse-Flow®

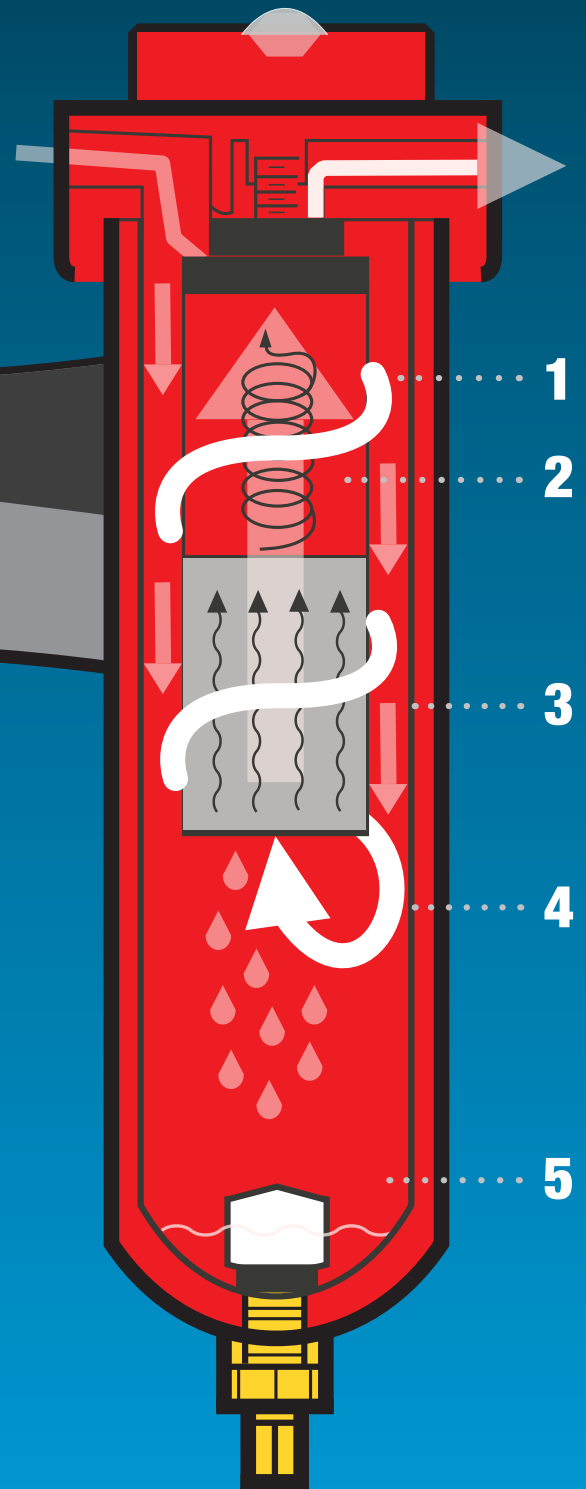
ALC's Inverse-Flow® process creates a condition where the air, spinning in a downward circular motion, changes direction 180° and begins to flow vertically upward. The contaminants are not capable of reversing direction & must separate from the air flow. This process prevents re-entrainment of contamination, which can occur in other filter systems.

5. Bowl & Drain

Bowls are metal and drains have an automatic float.

Mist in compressed air will turn to condensate as temperature drops 20°.

For every 20° in temperature drop, 50% of the moisture in the air stream will drop out as condensate.



12777	12778	12779
1/2 NPT	3/4 NPT	1 NPT
60 SCFM	90 SCFM	150 SCFM
3 micron	3 micron	3 micron

Contact us at **1.800.253.9726**
or **sales@shindustries.com**.
You can also learn more about us
& our products at **shindustries.com**

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