

Global Manufacturer of Fluids for the Air Conditioning & Heat Transfer Industry

ArrowDry

Lubricant Removal System

Chem Arrow introduces our new lubricant removal system for HVAC coil manufacturing: **ArrowDry**

The new residue removal system uses an ultra efficient, high air flow, centrifugal blower to remove up to 100% of the coil fin surface lubricant residue. Our system is designed to remove lubricant residue eliminating issues such as fire/smoke during coil brazing, mass spec leak test issues from lubricant vapor and coil packaging soaked due to lubricant run off.

The **ArrowDry** system utilizes a combination of precision designed air knives to produce high velocity air curtains that promote removal of the lubricant from the coil fin surface. The system can also include an enclosure to capture lubricant residue for potential reuse.

Contact us at hvac@chemarrow.com for more information on all our HVAC related products.



ArrowDry Advantages:

- Removes up to 100% of the fin surface lubricant residue.
- Low operating cost and purchase cost compared to aqueous and thermal de-oiling systems.
- Pairing with Chem Arrow fin stamping lubricants offers low to no emissions.
- Potentially eliminates smoke/fire during coil brazing.
- Lowers or eliminates fin surface residue that can cause mass spec leak test issues.
- Lowers or eliminates lubricant residues to address coil residue issues such as soaking shipping packaging and dunnage.

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The **ArrowDry** system can also help eliminate smoke on heating coils and the need for aqueous cleaning systems and heat cleaning systems.

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Front view of air knives on ArrowDry unit.



Side view of air knives on ArrowDry unit.

ArrowDry paired with a Chem Arrow evaporative fin stamping lubricant shows no smoke at approximate exposure temperature of 700 degrees F. The efficient low operating cost with low to no emissions offers an exceptional return on investment to replace expensive thermal de-oiling or aqueous cleaning systems. The overall cost is significantly lower than thermal de-oiling or aqueous cleaning systems cost and requires minimal floor space compared to other systems.

Contact Chem Arrow at hvac@chemarrow.com for more details. We also offer a proof of performance proposal that involves coil cleanliness testing. The system should be paired with Chem Arrow fin stamping lubricants to accomplish the best cleaning capabilities.

Contact your Chem Arrow sales rep at hvac@chemarrow.com for more information.



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