

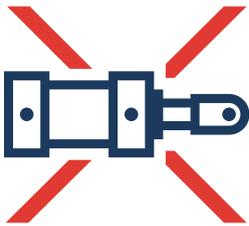
PROTECT YOUR AIR SYSTEM!

FIGHT SUMMER MOISTURE



Summer conditions strain every part of a compressed air system, requiring air compressors, dryers, auto-drains, filters, and oil/water separators to **work harder** and **under more stress**. One major factor is increased moisture and humidity, which can wreak havoc on unprepared systems.

MOISTURE WILL:



Damage valves, air tools and air motors, actuators, and other pneumatic components both by **creating corrosion** and **washing away lubrication**



Cause **plant downtime** or **damage to product** in applications dependent on **air-** or **gas-powered instruments** or **pneumatic controls**, which can be impeded by rust, scale, and clogged orifices



Contaminate or **degrade** solvents, lubricants, food products, paints and finishes, and many other products sensitive to moisture or water.

IF YOU START SEEING DOWNSTREAM EQUIPMENT / AIR TOOL FAILURES, CHECK YOUR AIR COMPRESSOR AND DRYER!

These failures could be caused by heat and/or moisture levels exceeding your dryer's capabilities, allowing excessive moisture into your compressed air.

SUMMER MAINTENANCE CHECKLIST

DRYERS		<p>This one is easy: the single most important thing for dry air is a dryer!</p> <ol style="list-style-type: none"> 1.) Ensure all dryers are operational, maintained, and ready for increased workloads 2.) Replace desiccant/refrigerant - If necessary, replace old desiccant or recharge the refrigerant 3.) Clean condenser fins - Check that condenser fins are clean, unobstructed, and unbent on refrigerated dryers. <i>This is critical!</i> 4.) Ventilation - Ensure the unit is properly ventilated and has good air flow 5.) Sizing - Having a dryer that is properly sized for your system is essential. Our experts can answer any questions you may have - we're here to help!
COMPRESSORS		<p>There are a few important things to make sure your compressor is ready for summer:</p> <ol style="list-style-type: none"> 6.) Change compressor oil/coolant - Summer conditions can cut the life of oils in half! In addition to lubricating moving parts and providing a seal for compression, it also is essential for heat transfer and keeping a compressor cool. Excess moisture can also contaminate the oil, damaging bearings and other internal parts. 7.) Clean the heat-exchanger - For air-cooled units, make sure the heat-exchanger fins are clean, unobstructed, and unbent. <i>This is one of the most important things you can do!</i> 8.) Check ventilation - Ensure your compressor is well-ventilated with adequate air flow 9.) Electrical enclosures* - Check electrical enclosures and remove any build-up of dirt or debris, which can cause components to overheat and shorten their lifespan. <i>*Always use appropriate precautions when working around and/or with electrical components!</i>
FILTERS		<p>Moisture increases the pressure drop across coalescing filters, decreasing efficiency and increasing operating costs.</p> <ol style="list-style-type: none"> 10.) Replace element(s) Replace filter elements to mitigate performance losses
DRAINS		<p>Drains need to be ready for increased workloads and condensate, requiring them to cycle more often.</p> <ol style="list-style-type: none"> 11.) Test drains - Make sure all drains are working properly (use the test button if your drain has one) 12.) Check cycle time - You may need to shorten the cycle time on electronic drains to run more often 13.) Use high efficiency drains - If you haven't already, consider upgrading to pneumatic no-loss drains (PNLDs) for significant net savings
SEPARATORS		<p>Oil / Water Separators will also have increased workloads, & are needed to properly remove and dispose of lubricants and contaminants in condensate.</p> <ol style="list-style-type: none"> 14.) Check functionality - ensure separators are operational and have adequate capacity 15.) Check element - Check how old the separator element is and replace if necessary 16.) Drain regularly - Ensure the reservoir is regularly drained

ONE-STEP SOLUTION: CALL A-L-L EQUIPMENT!

Our experts can do the heavy lifting needed to summer-proof your air system, giving maximum performance and reliability. Our Service Techs work on compressors from every manufacturer, and will thoroughly inspect your unit and perform all maintenance needed.

Ever wonder if your air system is sized and configured correctly, or just want a second opinion? Our Air System Experts have saved customers tens of thousands annually with just minor system changes - sometimes without purchasing any new equipment! We can't promise that we'll find easy savings like that for every customer, but we can promise that our experts will take the time to learn your needs, provide honest information, and (if needed) recommend the best possible solutions!

A-L-L EQUIPMENT

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