PURO-CT
CONDENSATE SEPARATORS
Sustainable Condensate Management
A typical compressed air system will produce thousands of gallons of oily, contaminated condensate every year. Environmental regulations strictly prohibit disposing of this condensate without proper treatment to remove the oil.

Traditional solutions for condensate disposal have been to:

- Collect the condensate and have it trucked away periodically by a waste disposal company. This not only requires storage of the hazardous condensate on site, posing a health and safety risk, it is very costly as disposal charges can be up to several dollars per gallon.

- Use a settling tank to separate the oil and water by gravity, then using carbon to filter the remaining water. Advances in compressor lubricants have made this technology obsolete. Modern compressor lubricants have a specific gravity similar to water, and because of this, they form an emulsified oil/water mixture that cannot be separated by gravity.

**Jorc Industrial** has developed the PURO-CT condensate separator to work anywhere, anytime, on virtually any condensate, and with any type of condensate drain. Free yourself from outdated condensate separators that are health hazards, provide limited performance and are costly to operate. Experience the difference of Jorc’s advanced technology. Experience the **PURO-CT**.

**JORC Industrial** is a global leader in condensate management specializing in condensate drains, condensate separators, and compressed air saving equipment to distributors, dealers and OEM’s in more than 100 countries around the world. We are committed to helping you, our customer, solve your condensate management needs.
Jorc continues to lead the industry in condensate treatment technology with the introduction of the compact, cost effective and reliable range of PURO-CT Condensate Separators.

Using a specially treated, adsorbent, polypropylene media and an activated carbon polishing element, the Jorc PURO-CT Condensate Separators efficiently and effectively separate all compressor lubricants without the need for condensate storage tanks, settling chambers, or costly disposal. Combining high adsorption capacity and reliable performance in a compact, cost effective package, the PURO-CT sets the standard for modern condensate management.

Untreated condensate harms the environment. Meet and exceed EPA regulations for condensate treatment with the Jorc PURO-CT Separators, and ensure your compliance with ISO 14000.

- Specialized polypropylene media
- Activated carbon polishing filter
- No need for a settling chamber
- Cost effective, reliable performance
- Works on virtually any condensate
- Works with any condensate drain

• Foam mesh depressurization filter to separate and discharge incoming compressed air.
• Two stages of treatment: a polypropylene adsorber and a carbon polisher for optimum outlet water quality.
• Strong, corrosion proof cast polypropylene carbonate construction with a screw down lid.
• Brass thread inserts for secure piping & lid connections.
• Overflow indicator to prevent a spill in the event of a blockage.
• Multiple lightweight media bags comply with OSHA lifting regulations.
The JORC PURO-CT 125 through 600 use two stages of treatment to separate difficult condensate. With a specially treated polypropylene element and a carbon polisher, you can count on reliable and cost effective condensate separation performance regardless of the type of lubricant or drains you use.

These models provide compact, cost effective condensate separation without the need for a settling tank, and include useful features like a sample port and bottle, an overflow indicator to avoid messy spills, and brass threaded connections and adapters.

Upgrade to the PURO-CT and discover reliable condensate separation in a small package.

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<th>FEATURES</th>
<th>BENEFITS</th>
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<tr>
<td>No settling chamber or storage tank required</td>
<td>Eliminates health &amp; safety concerns. Performance is not affected by movement.</td>
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<td>Can separate any type of lubricant</td>
<td>Including modern synthetic lubricants* or even emulsified mixtures.</td>
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<td>Can be used with any type of drain</td>
<td>Including all JORC condensate drains.</td>
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<td>Brass threaded inserts &amp; adapters</td>
<td>For reliable inlet and outlet piping or tubing connections, and a secure lid.</td>
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<td>Foam mesh depressurization filter</td>
<td>Slows incoming condensate and cleanly discharges compressed air.</td>
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<td>Overflow warning indicator</td>
<td>Avoids spills in the event of a blockage.</td>
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<tr>
<td>Two stages of treatment</td>
<td>A polypropylene element and a carbon polisher for optimum performance.</td>
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<tr>
<td>Multiple lightweight media bags</td>
<td>Comply with OSHA lifting requirements.</td>
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<td>Polypropylene carbonate housing</td>
<td>Strong and corrosion proof construction.</td>
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SPECIFICATIONS

Perfect for installations with:

- Any type of compressor oil*
- Emulsified mixtures
- Any type of condensate drain
- Portable applications
- Floor space restrictions
- EPA discharge regulations
- Operating cost concerns

Sepremium Model

| Maximum Compressor Capacity (scfm) | 125 | 250 | 600 |
| Maximum Oil Adsorption Capacity (gal) | 0.8 | 1.8 | 4.0 |

Inlet Connection

| Size       | 1/2 in |
| Material   | Brass  |
| Type       | Threaded (NPT) or Hose |

Outlet Connection

| Size       | 1/2 in |
| Material   | Brass  |
| Type       | Threaded (NPT) or Hose |

Housing Material

| Poly-ethylene |

* Contact JORC for larger, 24/7, or specialized applications, or for sizing assistance when using PAG lubricants.

Model

| Width   | 18.3” | 22.8” | 28.7” |
| Depth   | 9.8”  | 11.8” | 14.8” |
| Height  | 15.6” | 17.2” | 18.8” |
| Weight  | 15.4 lbs | 24.3 lbs | 41.9 lbs |

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1. Condensate enters the brass inlet port. The CT can accept, and effectively separate, virtually any condensate from any source using any type of drain.

2. A foam mesh pad separates the condensate from the compressed air and slows its velocity. The compressed air is discharged to the atmosphere while the condensate drains into the first tower.

3. The condensate passes through the primary element where the oil is adsorbed by the specialized polypropylene media. Should a blockage occur anywhere in the separator the overflow indicator will rise.

4. The condensate then passes into the second tower where it passes through an activated carbon filter polishing out any remaining hydrocarbons. A sample port allows you to easily confirm compliance with local environmental regulations.
Each PURO-CT Includes
• the primary polypropylene and carbon polisher media bags,
• a sample bottle and sample port for water quality testing to ensure compliance with local environmental regulations,
• a step by step instruction manual for confident installation and operation.

Service Kits
When outlet hydrocarbon levels approach local regulations, it is time to replace your media bags. Only Genuine Jorc Sepremium Service Kits contain our specially treated polypropylene and carbon media. Don’t settle for imitations.

Available Accessories
• a brass Multiple Inlet Adapter to increase inlet connections from one to three,
• replacement Sample Bottles, to collect and analyze outlet water samples, and
• replacement Inlet and Outlet Adapters.

Condensate Test Kit
A condensate test kit is available from JORC on request. This is a useful tool to demonstrate the incredible oil adsorbing capabilities of the PURO-CT media and prove it’s effectiveness on the condensate at a given application prior to installation. The test can be carried out on site, and the kit includes a detailed step-by-step instruction manual to walk you through the simple test procedure.

Distribution Valves
For large compressed air applications with high condensate flow, a distribution valve provides the seamless integration of multiple condensate separators. Combining and distributing condensate to up to four separators, these valves ensure each separator is evenly loaded for maximum performance and efficiency.

Already have a condensate separator?
Even if replacing your outdated condensate separator with a PURO-CT isn’t in the budget this year - you don’t have to wait to experience our advanced adsorption technology. We make media bags, using Jorc’s specialized polypropylene fibers, to fit virtually all other brands of condensate separators. Write down the make and model of your existing separator and contact us for more information.