



# Chiller Proactive Parts Replacement



Change parts at the right time to maintain efficiency and boost uptime

The power behind your mission





In conjunction with recommended planned standard maintenance and condition-based maintenance, proactive parts replacement can help improve uptime and extend the overall life of the chiller while maintaining peak performance.

## Proactive not reactive

Chillers are important assets to any mechanical room. They can be expected to run for 15-25 years.

In some situations, the cold water they provide for cooling or other processes is critical to a facility and its operations. There are proactive steps that can be taken to maximize uptime on a chiller.

These proactive measures can be especially valuable in mission-critical applications.

Johnson Controls provides guidelines for facilities seeking to take these types of proactive measures. In conjunction with recommended planned standard maintenance and condition-based maintenance, proactive parts replacement can help improve uptime and extend the overall life of the chiller while maintaining peak performance.

Naturally, chillers age over time. Some mechanical components that move during operation may experience wear.

Additionally, a variety of factors, including unstable power, extreme ambient conditions, or chilled water system issues, can contribute to increased wear on certain components.

The bottom line is: proactive replacement can help prevent unplanned downtime – this approach maintains efficiency, boosts uptime and can provide savings on unplanned repair costs.

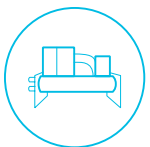
## Proactive parts replacement for maximum uptime

Johnson Controls has experts that can advise you on parts that can be inspected and replaced proactively to prevent unexpected downtime. Using a combination of engineering expertise, field experience, and data analysis, these recommendations cover replaceable components in the chiller's major systems. Johnson Controls can create a customized report with proactive recommendations that would be relevant for your chiller through the Chiller Diagnostic Tools platform.

Based on the chiller's run hours, we can help you understand what parts could be proactively replaced in the off-season or during planned downtime in order to maintain maximum uptime for chillers, especially in mission-critical applications.

The time intervals provided are not the standard life expectancy of parts, but are intended to provide guidance on parts replacement based on when we see mechanical components beginning to wear and before end of life.

The recommendations may be for a replacement or a simple inspection, to check if it is time to replace a component.



# Benefits of genuine YORK® parts

When proactively replacing parts, it is important to use genuine YORK® components to ensure the correct fit and to avoid potential damage to other systems of the chiller.

Non-YORK® parts may not meet the strict specifications or tolerance requirements to ensure correct compatibility with the chiller equipment. This may result in issues with reassembly, accelerated wear on mechanical parts, increased power consumption for the equipment, or premature failure of the replaced part.

YORK® replacement parts result in maintained energy consumption and provide longer service lifetimes. Also, by securing genuine YORK® parts, you ensure that you have the latest compatible version of the part and can take advantage of continued engineering improvements that may not have been available when the chiller was initially purchased.



## Global parts network – service wherever you are in the world

Johnson Controls has global parts supply centers and regional online portals to make sourcing replacement parts for your chillers as simple as possible.

If your original equipment originated from a **North American** factory, the Parts Navigator Customer Portal helps get the job done. Navigator provides the products, tools, support and expertise to find what you need at the Baltimore Parts Center. Find products and parts you need and then configure, quote, and price them all in a single location. Place your order, track your shipment, and manage your warranties without having to log on to multiple systems or download software for updates.

Please visit [www.hvacnavigator.com](http://www.hvacnavigator.com) for more information.

For equipment that originated from a **European** factory, our Parts Centre Service platform enables you to consult and retrieve technical specifications for YORK® chiller parts and place your order to ensure quick delivery. The Parts Centre Service platform makes ordering and servicing your facility easy to do, ensuring reliability and continuity with genuine parts.

Please visit [easyparts.johnsoncontrols.com](http://easyparts.johnsoncontrols.com) for more information.

For equipment that originated from a factory in **Asia**, the Johnson Controls team at the Shanghai Distribution Center is ready to help whenever you need spare parts.

Contact your local Johnson Controls office and they will support you in finding the genuine YORK® chiller replacement parts you need and place an order for you.



#### About Johnson Controls

At Johnson Controls, we transform the environments where people live, work, learn and play. From optimizing building performance to improving safety and enhancing comfort, we drive the outcomes that matter most. We deliver our promise in industries such as healthcare, education, data centers and manufacturing. With a global team of 105,000 experts in more than 150 countries and over 130 years of innovation, we are the power behind our customers' mission. Our leading portfolio of building technology and solutions includes some of the most trusted names in the industry, such as Tyco®, YORK®, *Metasys*®, Ruskin®, Titus®, Frick®, PENN®, Sabroe®, Simplex®, Ansul® and Grinnell®.

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