



## EQUIPMENT OVERHAUL SERVICE

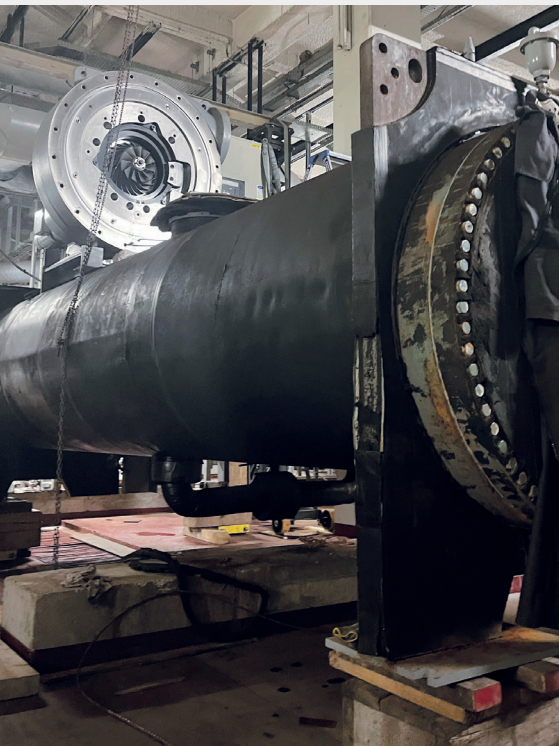
Sound Planning for Maximum HVAC Equipment Life

# YOUR PROACTIVE APPROACH TO EQUIPMENT LONGEVITY

Most building owners and managers have experienced the dire consequences of equipment failure. Given the importance of an HVAC system to your building's operation, wouldn't it be a relief to be less concerned about equipment breakdown? The Carrier Commercial Service team understands what it takes to keep your equipment running efficiently and reliably. No matter how well your HVAC components are maintained, all equipment will need a comprehensive inspection and overhaul to maximize performance.

With the Carrier equipment overhaul service, key inspections and overhauls for the following HVAC equipment can be proactively scheduled.

- Centrifugal Chillers
- Screw and Reciprocating Chillers
- Absorption Chillers
- Boilers
- Cooling Towers
- Pumps and Motors



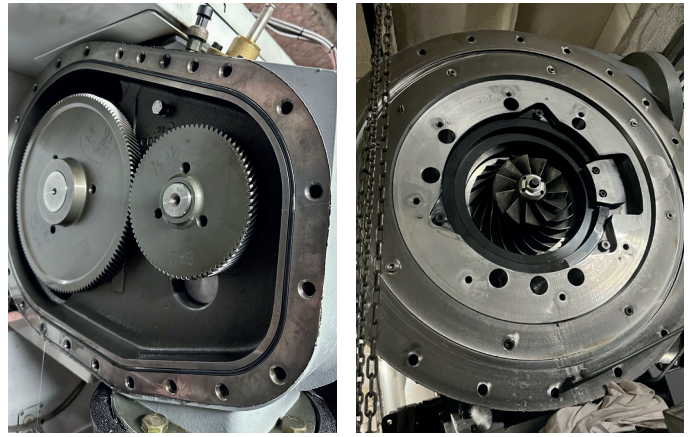
### Plan Now for a Worry-Free Future

For old or new HVAC equipment, Carrier's equipment overhaul service is a valuable addition to your building management strategy and complements your Carrier service agreement. You can be confident that Carrier will help you take proactive steps to ensure the longest possible life for your equipment and minimize unplanned downtime.

### Equipment Overhaul Service Benefits

- Prolong Equipment Life
- Avoid Unexpected Failures
- Reduce Maintenance Costs
- Discover Hidden Problems
- Ensure Optimum Operation
- Gain Peace of Mind

For Carrier or non-Carrier equipment, our equipment overhaul service is a beneficial addition to your regularly scheduled Carrier maintenance program. Carrier's factory-trained technicians will help you plan appropriately timed overhaul. With a total performance evaluation, we take into consideration the age of your equipment, operational hours and environmental conditions. We also recommend to perform annual oil analysis and vibration measurements to monitor the condition of your compressors. Then we develop a customized overhaul schedule that's right for you and each component of your HVAC system.



### A Comprehensive Look Inside Your Equipment

Each overhaul includes evaluation and reconditioning of your equipment to continue optimal operation. A typical chiller overhaul might include:

- Tolerance Check
- Oil Analysis
- Calibration
- Shaft Alignment
- Bearing Inspection

### New Equipment: Get a Jump on the Future

If you've just purchased a major HVAC asset, ensure you get the most from your investment. Your Carrier Commercial Service representative can help you determine strategic maintenance milestones for a trouble-free equipment life. By building key overhauls into your schedule, your equipment will operate efficiently, and you'll be able to plan well-timed shutdowns.

### Middle-aged Equipment: Start Now to Extend Equipment Life

It's not uncommon for owners of newly purchased buildings to be unsure of the age or maintenance history of HVAC systems. As part of our program, Carrier Commercial Service will help you evaluate your equipment's condition and service priorities. We'll help you map out a schedule that fits your requirements and your budget while reducing your risk of untimely equipment failure and unexpected expenses.

### Older Equipment: Never Too Late to Plan

If your equipment is aging, you may be expending valuable financial resources reacting to emergencies. Don't assume that your equipment is too old to benefit from the equipment overhaul service. Investing in a solid reconditioning plan will save on repair expenses, gain peace of mind and may add years to the useful life of your equipment.

HOURS OF OPERATION					
		20 000*	~ 30 000 - 40 000	40 000*	~ 60 000 - 80 000
<b>30-Series</b> (screw compressor)	Minor compressor overhaul (06T-06N mechanical retrofit kits)	✓		✓	
	Major compressor overhaul		✓		✓
<b>19-Series</b> (centrifugal compressor)	Major compressor overhaul		✓		✓

\* or every 5 years whichever comes first

The above chart shows recommended overhaul intervals for various HVAC components. These intervals may be different for your facility, however, depending on specific equipment usage and/or oil and/or vibration analysis results. Your Carrier representative will help develop a plan that meets your particular requirements based on equipment runtime (number of start-ups should be taken into account as well), application and maintenance schedule. Carrier can also service other brands of equipment per OEM recommendations.

Find more information on minor compressor overhaul in the dedicated flyer 06T/06N. A major compressor overhaul provides a higher level of excellence, as it replaces some internal compressor components to increase the level of reliability.



For more information about our equipment overhaul services, contact your local Carrier representative or go to: [www.carrier.com/commercial/en/uk/](http://www.carrier.com/commercial/en/uk/)

