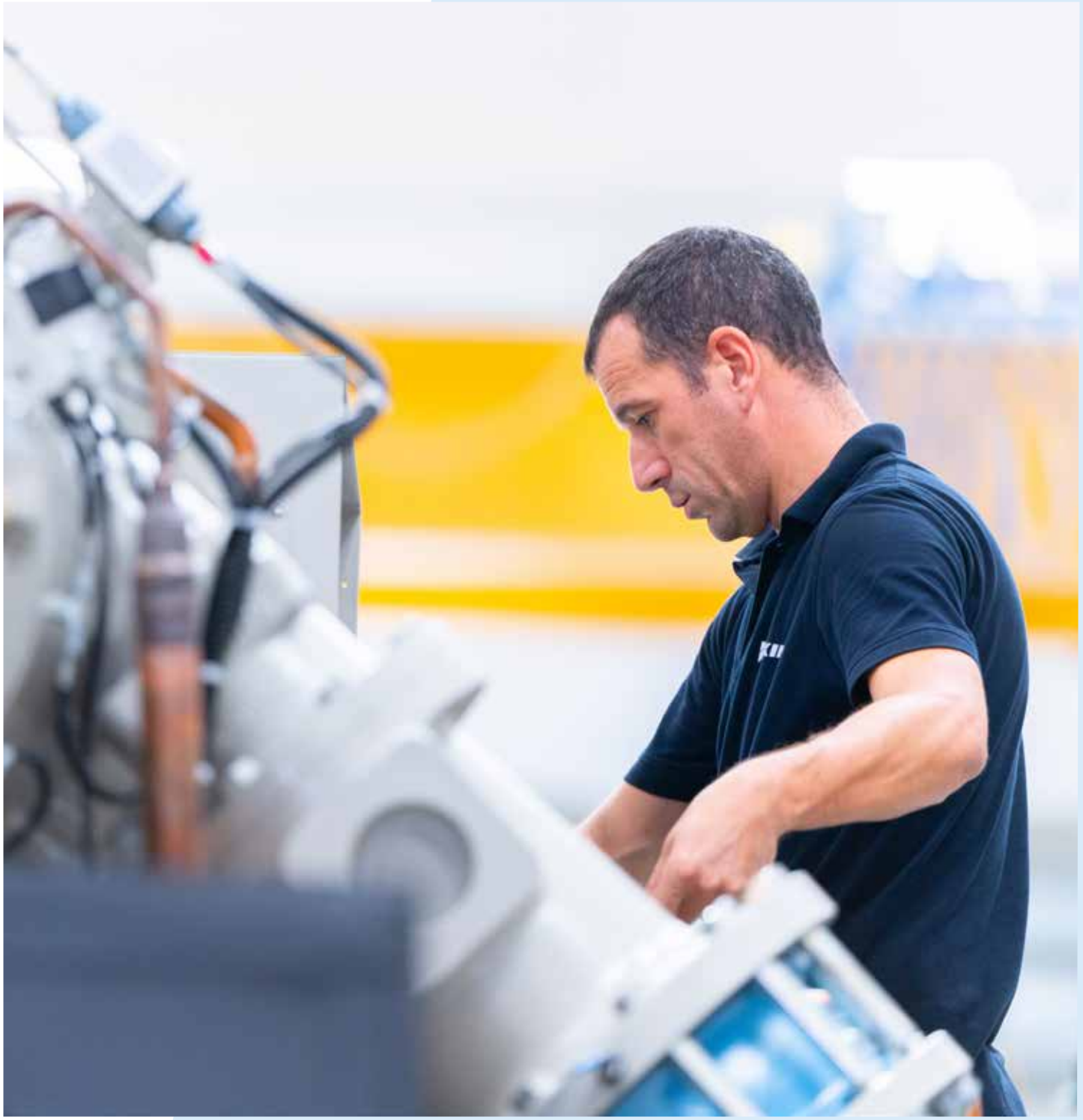
DAIKIN

DAIKIN 360
INTEGRATED SERVICE SOLUTIONS

Optimise

Optimise equipment performance



Our approach

Extend the life of your equipment with our compressor lifetime solutions, such as an overhaul.
As with any complex equipment, periodic inspections and parts replacement can help add years to its lifecycle. This is vital when capital budgets are tight or uncertain. We can detect potential problems during the off-season before they cause catastrophic failures, saving you hours of downtime and thousands of Euros in emergency repairs in the peak season. Daikin recommends a compressor overhaul after 40.000 running hours.

Our comprehensive approach to equipment assurance starts with our Daikin chiller service professionals.
Our specialists receive factory training, all to ensure that your equipment continues to perform and meet your organisation's goals.

What is an overhaul?

Aiming to bring the compressor back to its original performance, an overhaul consists of replacing the wearable parts before they break. The overhaul is focused on the compressor, as it has the most wearable parts of the chiller, but the works can be done on more parts of the chiller depending on its condition. An overhaul is part of the lifetime maintenance of the chiller in order to assure optimal performance and avoid breakdowns.

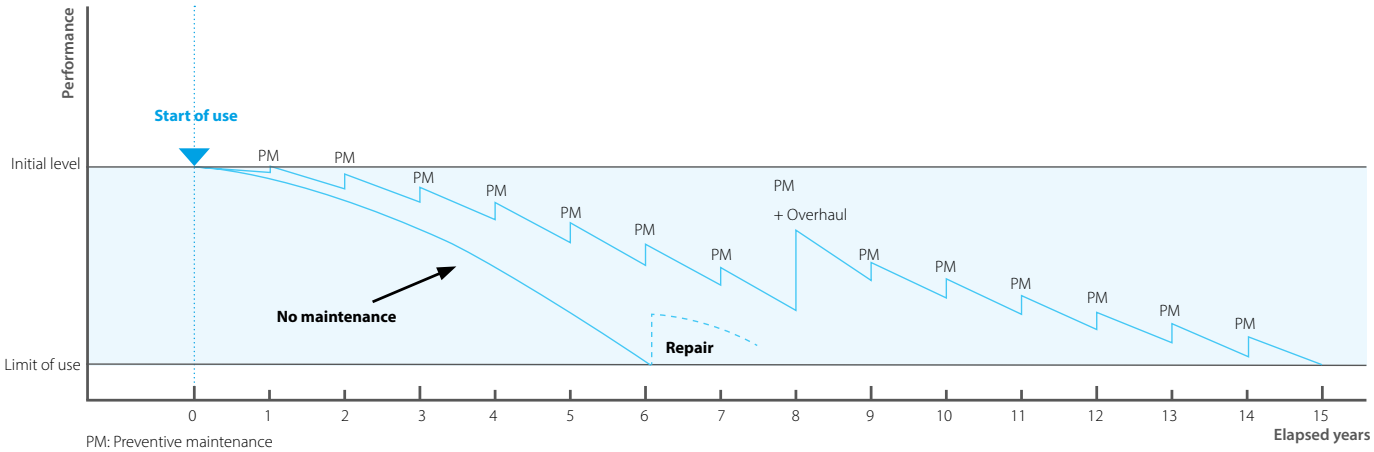
When to overhaul?

As factory recommendation, a **major overhaul is to be done every 40.000 running hours** of the compressor. For screw chillers, a minor overhaul is to be done every 20.000 running hours. This as part of the lifetime maintenance of the chiller in order to **assure optimal performance and avoid breakdowns**.
Since it's a planned intervention, an Overhaul can be scheduled during the low seasons to have the **lowest impact possible** to the customer's operations.

How to overhaul?

- **System evaluation:** Either during the maintenance visits or in an independent inspection we conduct tests to evaluate the performance of your system
- **Recommendation:** Identifying the main components that can increase the performance and extend the lifetime of the unit
- **Overhaul:** The overhauls are done at the workshop or on site, when the conditions allow it
- **Reporting:** Overview of the works done and the findings

Depiction of product working life and maintenance schedule



PM: Preventive maintenance

Customer benefits

Cost savings
Repairs are costly and preventive actions aim to reduce this for up to 50%

Extend lifetime
The replacement of some of the main components assures your equipment's life gets prolonged

Reduced downtime
Planned maintenance and on time interventions reduce the risk of downtime

Planned intervention
To avoid surprises when the chiller is most needed, planning in the low seasons allows for better and cheaper interventions

Improved reliability and performance
Wear and tear makes the equipment operate at a lower performance than originally

Peace of mind
Focus on your core business, and let Daikin take care of your chillers

Repair

In case the compressor breaks down before you have an overhaul done, we also offer the possibility of **fully repairing the compressor**. In this case, the compressor will need to be sent to the factory to be repaired. If you don't have a redundant chiller in place to cover the repair period, **we have your back with our Daikin360 Rental solutions**. That way, you can **keep your business up and running** while we take care of repairing your equipment.

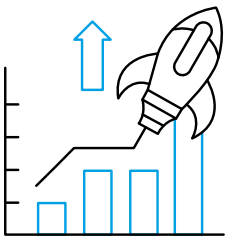
Good to know:
Every repaired compressor comes with a 1-year factory warranty. We ensure peace of mind when it comes to your HVAC equipment.

Additional upgrades

Take advantage of your equipment being serviced to have some additional upgrades done. Not only will you **save on the labor hours**, since your equipment is already opened, but upgrading your equipment **could allow it to qualify as a new depreciating asset***.

Some additional upgrades that you can consider are the following:

- Upgrade the controls
- New lubrication system
- New identification plate
- Repainting the chiller
- New electrical contacts
- New low and high-speed bearings
- New sensors
- New pressure relief valves



* Please consult your finance department

Daikin360

Integrated Service Solutions

We understand that your building is one of your company's most significant investments, and a cornerstone of growth and success. Our expertise in HVAC systems, delivered through **Daikin360 Integrated Service Solutions**, can help by creating an **ideal environment** and **quality air** that propels your people and customers forward. Plus, our **advanced energy-saving solutions** and **protective maintenance plans** can help you control your maintenance and operational costs. You can count on Daikin for **advanced technology**, **agility** and **reliability**.

Whenever, wherever, however you need us

Scan the QR code
to learn more about the Daikin360 service offerings

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