

GOLD Refurb kit

GOLD air handling units are built to last. By replacing selected components and installing new controls, the product gets a prolonged service life and becomes even smarter.



It's the inside that counts

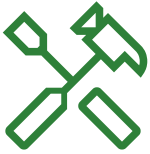
Swegon offers a spare part solution that updates older GOLD units to today's controls and functionality. Also, the complete fan inserts can be changed to modern fans with EC motors. This extends the service life of the unit, while minimising the environmental impact.

Suitable for GOLD air handling units delivered 1996-2009:

- GOLD version 3/4 size 4 and 5 (1996-2001)
- GOLD version A, size 11-32 (2001-2002)
- GOLD version B, size 11-52 (2002-2005)
- GOLD RX/PX/CX version C (2005-2009)

Sustainable and user-friendly

Benefits include:



- Longer service life and secured availability of spare parts
- Lower investment cost, compared to changing the entire AHU
- Quick installation, avoiding major interventions in the building



- Extended functionality and BMS communication
- Connectivity to the cloud and access to digital services
- New, easy-to-use interface



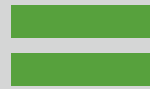
- Improved energy efficiency with new fans
- Reduced sound levels with new fans
- Enables energy optimisation
- Reduced environmental impact, supporting sustainability target



1/3 embodied CO₂
Refurbishment saves 64% of embodied carbon compared to a new unit.



1/3 cost
The cost is around a third compared to installing a new unit.



Comparable operational cost
Thanks to old GOLD RX units already having high-efficiency rotors and replacing the fans.

Savings comparing GOLD Refurb kit with updated control system and new fans with a new GOLD RX 012 (based on EPD)

CE marking you can rely on – even after refurbishment

When the refurbishment is carried out by Swegon, using CE-marked original components, the unit retains its original CE marking.

No new certification is required as all modifications are performed within the framework of the original manufacturer. Our original components are designed, tested and verified as an integral part of the CE-marked unit.

For the customer, this means a safe and simple solution: responsibility, performance and traceability are maintained – without any change in CE responsibility.



Smart functions and energy optimisation with updated controls



- Intuitive 7" touch screen ensures fast, simple operation
- Smart guides simplify setup, troubleshooting, and daily tasks
- Built-in energy monitoring and cloud connectivity give you full visibility of performance
- Wide range of parameters in communication protocols like BACnet, Modbus etc.
- Flexible time control and remote operation
- Advanced temperature control with outdoor, night and seasonal compensation continuously adapts operation
- Additional smart features such as highly accurate liquid flow and energy measurement can be added

Benefits when connecting GOLD to the Cloud

Access to INSIDE Portal

A central hub for all connected Swegon products – free of charge.

- See all units in one place
- Monitor live data and alarms
- Easily create energy reports adapted to your needs
- Activate additional services to further improve performance

Remote access with INSIDE Connect

- Monitor and adjust performance from anywhere to optimise operation
- Avoid unnecessary site visits
- Simplify planning, updates and maintenance



How is it done?

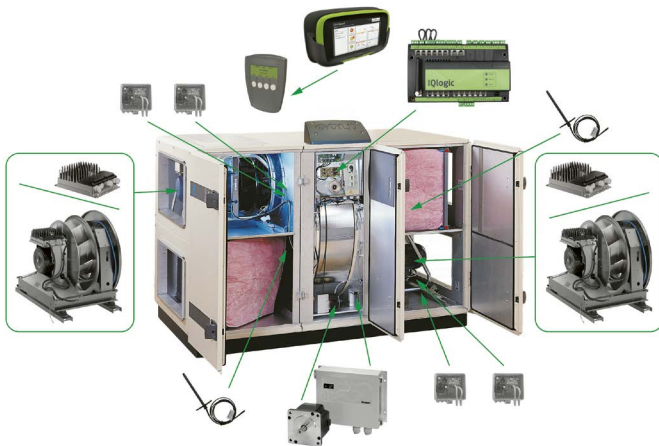
The Refurb kit consists of a set of components needed for the update of the controls. A Swegon technician or other representative inspects the air handling unit on-site and determines if/what refurbishment is appropriate. The technician then carries out installation and commissioning.

The job is quick, does not interfere with daily operations and does not require major interventions in the building.

The GOLD unit gets a new serial number to keep track of all new parts for future after sales support.



Replacing selected components and controls



All essential components are included, such as

- IQlogic controller
- IQnavigator 7" hand-held terminal
- sensors (pressure, temperature)
- heat exchanger control system
- fan motor controllers OR complete fan inserts with necessary adaptation components, depending on whether the fans are replaced or not

The same warranty applies as when purchasing a new GOLD unit. Local regulations apply.

Scan the QR code to learn more about our Refurb kit or please reach out to your nearest Swegon Sales office

