

GOLD version E



Some products are new,
some are r**E**volutionary



GOLD E

Revolutionary control system in the new GOLD version E



Flowchart directly on the start screen.

All functions are easily accessible from the functions menu.

Groundbreaking step

With the new GOLD version E, Swegon takes a groundbreaking step in the further development of the air handling unit, which for long time has been seen as standard in the industry.

Revolutionary control system

The most striking new feature is the revolutionary control system, IQlogic. In addition to several smart and user friendly functions, significantly greater options are provided for communication and remote control through main control systems, laptops, tablets or mobile phones. The control system can be equipped with add-on modules to increase functionality.

User-friendly touch screen

The new hand-held terminal, IQnavigator, features a touch screen and is very simple and easy-to-use. Commissioning and settings are performed intuitively, step by step and flowcharts and help texts are always available.

Communication options

Communication between a handheld terminal and the GOLD unit can occur wirelessly via WLAN. It is just as easy to use a laptop, tablet or mobile phone via Wi-Fi. Double Ethernet ports and USB connectivity are available as standard.



Wi-Fi communication to the air handling unit's control circuit card as standard.



Always the same intuitive interface on your mobile phone, tablet, computer or hand-held terminal.



Specific help texts are always available by simply pressing the "Info" button.



Commissioning has never been easier with a step-by-step on screen guide.



Graphic alarm log with priority indications gives optimal control over operations.



Bright, high precision touch screen with scratch-resistant glass display recessed for additional protection.



New energy efficient mechanical features

Naturally there are also several new mechanical features in the new GOLD version E, where each one offers the possibility of improved energy efficiency.

Several sizes

Two new sizes (7 and 11) and optimized fan sizes give greater freedom to choose exactly the right unit size and fan variant to suit the needs of the installation. And with that, even more opportunities to optimise the energy efficiency of the current project.

New plate heat exchanger

The efficiency of GOLD PX is taken to a completely new level through the newly developed cross-flow plate heat exchanger. The plate heat exchanger can be chosen for maximum temperature efficiency or minimized pressure drop depending on the project in question.

COOL DX Top — New Chiller

The new space-saving chiller with direct expansion is designed for air handling unit GOLD RX Top.

The placement of the coils in the chiller permit cooling recovery via the rotary heat exchanger in the GOLD unit, which translates into large annual energy savings compared to other similar cooling units.



The GOLD family

The air handling unit GOLD is the perfect hub for an indoor climate system with efficient operation and intelligent control functions in a single package. Together with the wide range of accessories, GOLD also offers great flexibility.

	GOLD RX	GOLD PX	GOLD CX	GOLD SD	GOLD LP
					
Sizes	04-120	04-30	35-120	04-120	05-08
Heat recovery	RECOeconomic rotary heat exchanger	New cross-flow plate heat exchanger in two versions	Coil heat exchanger	Coil heat exchanger (option)	RECOeconomic rotary heat exchanger
Fans	GOLD Wing+	GOLD Wing+	GOLD Wing+	GOLD Wing+	GOLD Wing
Fan motors	EC	EC	EC	EC	EC
Control system	IQlogic	IQlogic	IQlogic	IQlogic	IQnomic
Integrated control of cooling units and heat pumps	Yes	Yes	Yes	Yes	Yes
Web communication via network	Yes	Yes	Yes	Yes	Yes
Ready for communication with main control system	Yes	Yes	Yes	Yes	Yes
External colour	Beige NCS S2005-Y 30R	Beige NCS S2005-Y 30R	Beige NCS S2005-Y 30R	Beige NCS S2005-Y 30R	White NCS S0502-G
Top connection	Fully, RX Top 04-12 Partially, RX 14-120	Partially, 14-30	Partially, 35-120	Partially, 14-120	–
Duct connection with Full face	Yes	Yes	Yes	Yes	Yes
Outdoor installation	Yes	Yes	Yes	Yes	–
Eurovent certificate	AHU-06-06-319	AHU-06-06-319	AHU-06-06-319	AHU-06-06-319	AHU-06-06-319

Facts about GOLD

GOLD is the name of a series of complete air handling units for comfort ventilation in several sizes for airflows up to approximately 14 m³/s (50 400 m³/h).

The unit has energy efficient fans that can cope with the increased demands on energy savings. The GOLD has built-in IQlogic control equipment with a large number of functions, including communication.

Accessories

A complete range of accessories is available for GOLD, such as dampers, sound attenuators, air heaters, air coolers, recirculation sections, chillers and heat pumps. All models except LP can also be installed outdoors.

