

Modular air handling units

	Modular unit (KG Flex)	Swimming-pool unit (KG Flex)	Hygienic unit (KG Flex)
Type air handling unit			
Use	Suitable for large, complex projects call for flexible air handling systems, both in application and use. The unit has dimensions that are accurate to the millimetre and achieves optimum results when it comes to available space and other project-specific requirements.	Suitable for (public) swimming pools, hotels, wellness centers, saunas and luxury housing, where the environment is characterized by high humidity. The swimming pool units dehumidify, ventilate, and control the temperature for optimal results in every season.	Suitable for operating theatres, hospitals, cleanrooms, laboratories, and the IT industry, where good hygiene and a dust-free environment are extremely important to the indoor climate and the quality of the service and/or production.
Airflows	Up to and including 190,000 m ³ /h.	Up to and including 35,000 m ³ /h.	Up to and including 60,000 m ³ /h.
Setup	Can be positioned indoors or outdoors.	Can be positioned indoors or outdoors.	Can be positioned indoors or outdoors.
Implementation	<ul style="list-style-type: none"> • Internal and external powder coating in RAL 7035 GLS. • Left or right version. • Monoblock or shared version. • Horizontal, stacked, or vertical. • You can also opt for WTW and/or recirculation, heat pump, supply or return set-up, mounted field equipment and DDC control. 	<ul style="list-style-type: none"> • Has internal and external powder coating in RAL 7035 GLS. • Left or right version. • Monoblock or shared version. • WTW, heat pump, mounted field equipment and DDC control. • In Plug & Play version Available as indoor installation from 1,000 m³/h to 3,500 m³/h (20GC and 30GC). 	<ul style="list-style-type: none"> • Internal and external powder coating in RAL 7035 GLS. • Left or right version. • Monoblock or shared version. • Horizontal, stacked, or vertical. • You can also opt for WTW and/or recirculation, heat pump, supply or return set-up, mounted field equipment and DDC control.
Energy class	A+/A conform Eurovent	A+/A conform Eurovent	A+/A conform Eurovent
Certification	Eurovent, no. 23.03.005 	Eurovent, no. 23.03.005 	Eurovent, no. 23.03.005 EN 1886:2003 EN 13053:2004 VDI 3803 VDI 6022 DIN 1946
Expandability	<ul style="list-style-type: none"> • WW heater, E heater, KW cooler, DX cooler, DX cooler/heater (inverter), change-over cooler/heater, integrated cooling, plate exchanger, heat recovery wheel, twin coil, humidifier, attenuators, mixing section, empty section. • BMS integration with Modbus, BACnet or LON. 	<ul style="list-style-type: none"> • Pool-water condenser. 	<ul style="list-style-type: none"> • WW heater, E heater, KW cooler, DX cooler, DX cooler/heater (inverter), change-over cooler/heater, integrated cooling, plate exchanger, heat recovery wheel, twin coil, humidifier, attenuators, mixing section, empty section. • BMS integration with Modbus, BACnet or LON.