

WOLF

**Wolf
KG-series
Air handling
Units**



WOLF

Technology that serves mankind.

KG 15-1000
Standard
air handling
units



Keeping
the air
just right

In administrative buildings, office complexes, hospitals, the European Parliament – Wolf's job is to maintain the ideal atmosphere in buildings everywhere.

*An excellent atmosphere
for good business.*

A system is as good as its constituent parts, so Wolf uses only the best, tried-and-tested components. These low-maintenance, economical units are designed and built for maximum durability. The materials are excellent, the build quality is outstanding. Wolf has the ideal air-conditioning units for:

Low
overheads,
high
reliability



- Office complexes and administrative buildings
- Hotels and restaurants
- Banks and insurance company offices
- High-street department stores and shopping malls
- Museums and opera houses
- Hospitals
- Airport terminals
- Industrial buildings and exhibition centres

*Staying cool
at conference.*

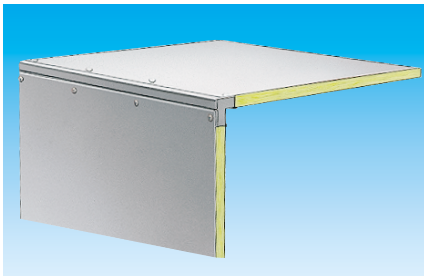
*The inviting,
attractive appeal of good air.*



**Big
on Detail -
KG Standard
and KG PU/A1
air-conditioning
units**

Wolf's KG Standard series is Top-end, high-grade technology for buildings of all shapes and sizes. The range spans every-thing from units with 25 mm double-skinned casing panels for indoor installation to weatherproof units with B1-rated, 35 mm casing panels.

- superb air quality
- Excellent efficiency
- Economical and ecological
- Long service life
- Quiet
- Easily installed, low-maintenance
- Special weatherproof units



KG 15-250 Standard

- Double-skinned casing panels, 25 mm, galvanised
- Frame insulation available as option

- Galvanised sheet-steel casing panels, sandwich with rigid polyurethane foam (PU), total thickness 35 mm, B1 material rating, flame-retardant to DIN 4102
- Alternative: 35 mm mineral wool, A1 material rating, non-flammable to DIN 4102



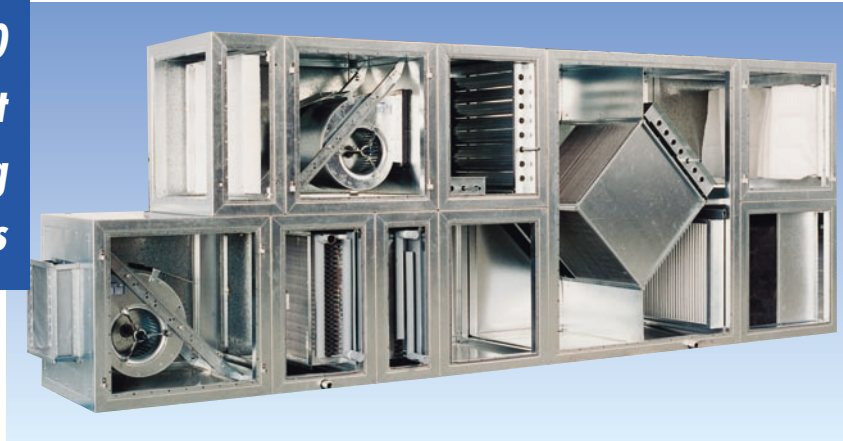
**KG 630-1000 PU/A1
double-skinned foam
sandwich casing panels
(CFC-free)**



**KGW 630-1000 PU
Weatherproof foam sandwich
(CFC-free)**

- Galvanised sheet-steel casing panels, sandwich with rigid polyurethane foam (PU), total thickness 35 mm, B1 material rating, flame-retardant to DIN 4102
- Bonded, weather-resistant plastic rainproof skin as outer covering for roof panel

KG 40-400
Gigant
air handling
units



Wolf
technology:
compliance with
all truly major
requirements

Duplicating the success already achieved by the KG 15-1000 Standard series, Wolf's KG 40-400 Gigant units are for air-handling applications in the volume-flow range from 1.600 to 40.000 m³/h. The Gigant series sets new standards in air handling, complying with all the truly important technical requirements and specifications.

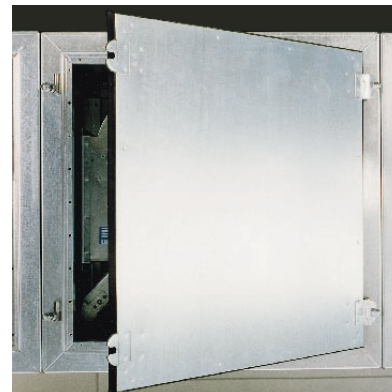
The components in this new series build custom configurations. The modular approach means quick, easy installation. The performance levels and performance data of all functional elements correspond to those of the KG Standard series. The familiar design graphs and tables in the current Wolf KG catalogue can be used as-is for dimensioning systems with KG Gigant elements. The only new tables necessary

are those for unit sizes, weights and acoustic levels.

The maintenance-friendly design facilitates straightforward servicing.

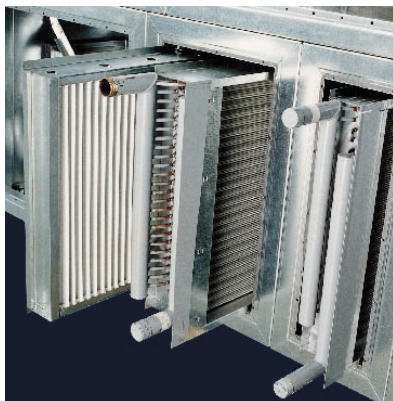
Flexibility for easy planning:

The doors are left- and right-opening, and can even be lifted right off.

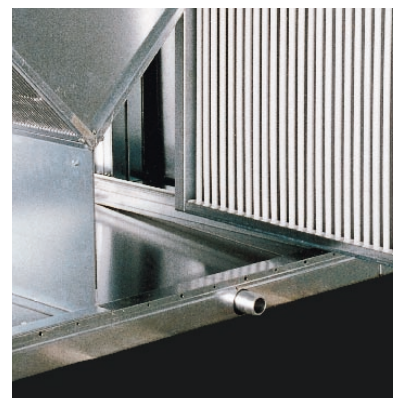


Straightforward
maintenance:

The drop eliminator
and cooling coil
withdraw separately.

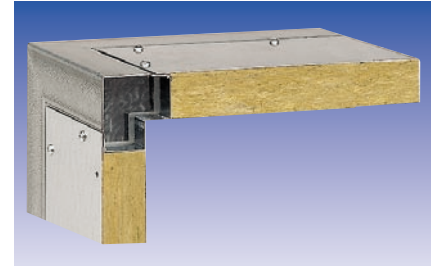


Hygienic
drainage:
The condensate
tray has a sloping
bottom, so all
the water
drains away.

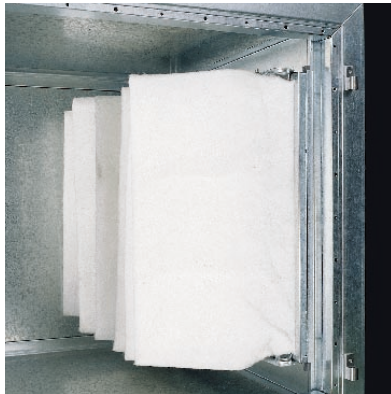


Powerhouse design

- Air volume ratings from 1.600 to 40.000 m³/h
- Modular system for fast, straightforward installation and custom builds
- Reinforced, double-skinned, thermally decoupled hollow sections prevent thermal bridges
- 50 mm casings for unit walls and doors – even better acoustic and thermal insulation, A1 material rating, non-flammable to DIN 4102



KG 40-400 Gigant

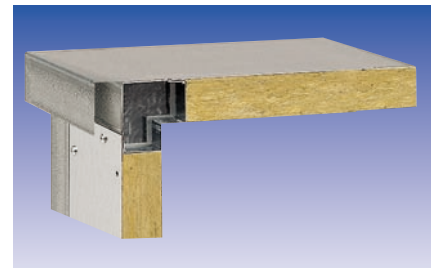


Easily unlatched

**and withdrawn:
The bag filter
with stretcher.**

- Smooth interior surfaces for fast, easy cleaning
- Sloping condensate tray: water drains off fully for perfect hygiene
- Doors open to left or right and can be lifted off. Convenient access even when working space is at a premium

- Frame welded and galvanised for maximum strength and durability
- KGW Gigant – the weatherproof version for outdoor installation



KGW 40-400 Gigant weatherproof

Wolf air handling units: Complete customer satisfaction

Whatever its purpose, whatever its size, your building can be fitted with its made-to-measure air handling system from our comprehensive product range.

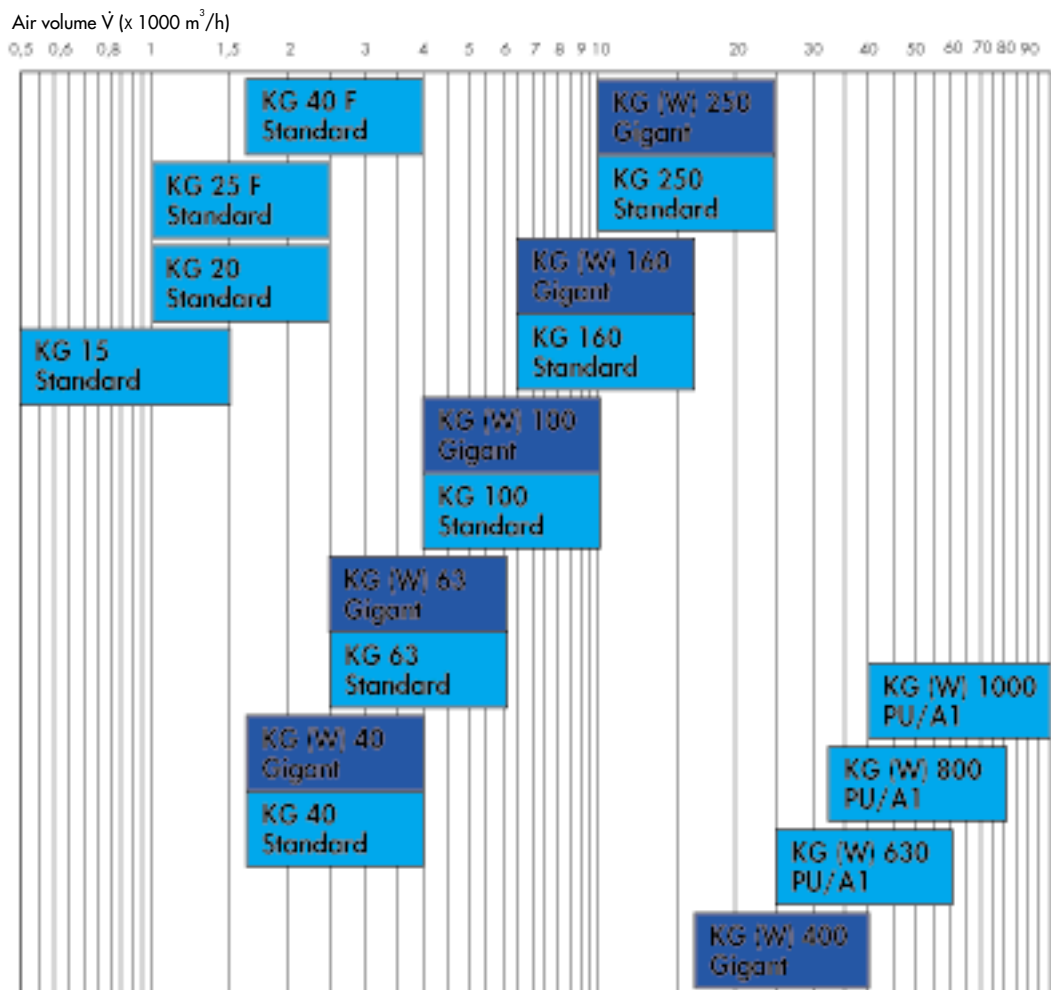
- Air handling units – weatherproof if necessary, car park exhaust units, slimline air handling units for ceiling void-mounting
- Air handling units, shock-resistant to RK 0.63/6.3, safety category B
- Smoke extract units for temperatures up to 400° C, 90 minutes resistance
- Cross-flow heat exchangers, run-around-coil heat recovery systems, heat pipes, thermal wheels

Want more information? Call the Wolf sales agency nearest to you. We will rush you the data you need on Wolf air handling units.

Performance data








KG Standard and Gigant series








Dimensions *Extract from the unit lists*

KG Standard

		KG	15	20	25 F	40 F	40	63	100	160	250	630	800	1000
Fan section		L	630	800	800	1000	630	800	1000	1250	1600	2400	3000	3000
		B	630	800	800	800	630	800	1000	1250	1600	2470	3070	3870
		H	315	360	395	515	630	800	1000	1250	1600	2435	2435	2435
Heating coil section		L	-	-	800	800	300	300	340	340	340	460	700	700
		B	-	-	800	800	630	800	1000	1250	1600	2470	3070	3870
		H	-	-	345	500	630	800	1000	1250	1600	2435	2435	2435
Cooling coil section		L	800	800	800	800	500	500	540	540	540	700	700	700
		B	630	800	800	800	630	800	1000	1250	1600	2470	3070	3870
		H	315	360	360	515	630	800	1000	1250	1600	2435	2435	2435
Bag filter section		L	630	800	800	800	800	800	830	910	1090	910	910	910
		B	630	800	800	800	630	800	1000	1250	1600	2470	3070	3870
		H	315	360	360	515	630	800	1000	1250	1600	2435	2435	2435
Mixing box and exhaust air section		L	630	800	800	1000	460	630	830	910	1090	1480	1600	1900
		B	630	800	800	800	630	800	1000	1250	1600	2470	3070	3870
		H	300	345	345	500	630	800	1000	1250	1600	2435	2435	2435

KG Gigant

		KG	40	63	100	160	250	400
Fan section		L	710	880	1040	1290	1640	1940
		B	710	880	1040	1290	1640	1940
		H	710	880	1040	1290	1640	1940
Heating coil section		L	380	380	380	380	380	580
		B	710	880	1040	1290	1640	1940
		H	710	880	1040	1290	1640	1940
Cooling coil section		L	580	580	580	580	580	580
		B	710	880	1040	1290	1640	1940
		H	710	880	1040	1290	1640	1940
Bag filter section		L	710	880	1040	950	1130	1040
		B	710	880	1040	1290	1640	1940
		H	710	880	1040	1290	1640	1940
Mixing box and exhaust air section		L	540	710	870	950	1130	1495
		B	710	880	1040	1290	1640	1940
		H	710	880	1040	1290	1640	1940

All sizes in [mm]