WOLF INDIVIDUAL VENTILATION UNITS KG FLEX SERIES

Maximum flexibility
Customised air handling systems

Air flow rates up to 350,000 m³/h

PERFECTLY IN TUNE WITH YOU.

NEW: WOLF KG Flex Series

Limitless range of applications & variations.

VDI 6022

EUROVENT CERTIFIED PERFORMANCE
Nº: 17.01.006
Range: KG Flex
www.eurovent-certification.com

WOLF KG Flex Series

Some of the product highlights

Maximum air low rates
Highly individual solutions
for requirements up to 350,000 m³/h.

Unlimited variety
Variable cross-sections and different cube sizes -
absolute flexibility in size and shape.

Highest quality standards
Casing and appliance properties to the highest quality standards.

Hygiene experts
State-of-the-art hygiene solutions fully VDI 6022-compliant.

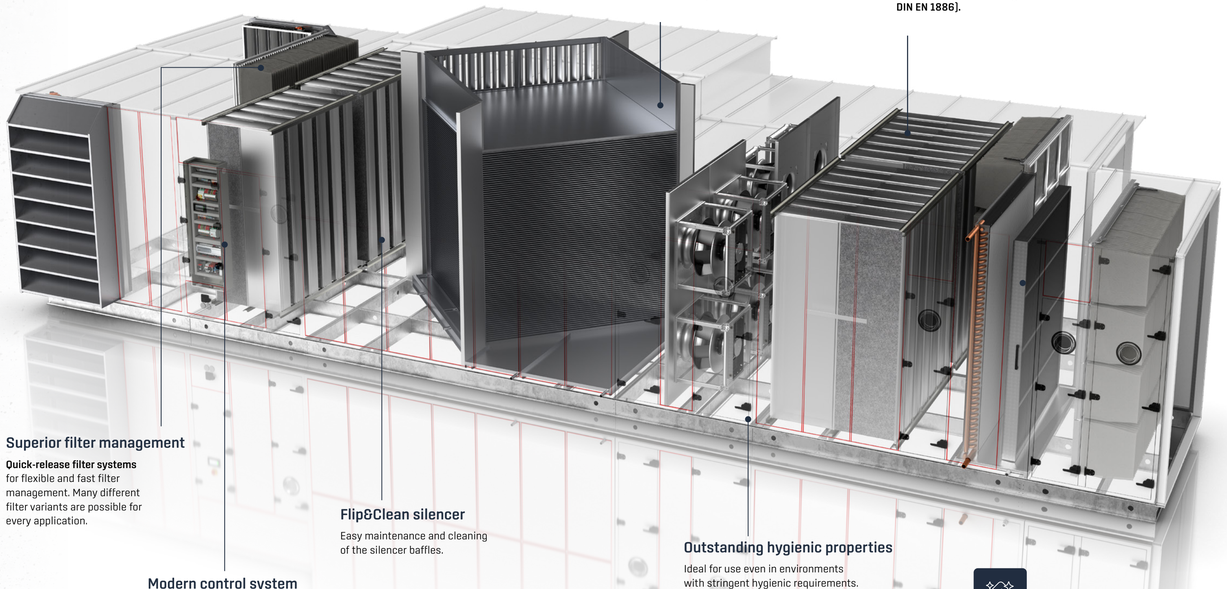
Universally applicable
Developed for use in any environment for a wide variety of applications.

We're there for you

Professional and individual
customer support for every project

Just come and talk to us.
Tel.: +49(0)8751/74-0
www.wolf.eu/ahu/kontakt

Limitless possibilities and impressive technical details:



Heat recovery optionally available

Energy-efficient and individually selectable energy recovery systems of the latest generation with **uncompromising hygiene**. For example, RCS and TWHE are also possible.

Improved housing characteristics

New housing design made of 60 mm thermally decoupled aluminium profile developed for the **highest static and thermal requirements (L1; D1; T2; TB2 - tested according to DIN EN 1886).**

Superior filter management

Quick-release filter systems for flexible and fast filter management. Many different filter variants are possible for every application.

Flip&Clean silencer

Easy maintenance and cleaning of the silencer baffles.

Modern control system

As external control cabinet or integrated into the appliance. Incl. easy BMS connection.

Outstanding hygienic properties

Ideal for use even in environments with stringent hygienic requirements. **Flat-line floors and surfaces** entirely in line with **VDI 6022.**

VDI 6022

As standard
VDI 6022-compliant

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Eurovent
certified

The unbeatable WOLF advantages

All-rounder and specialist - compact, modular, individual
As the market leader, our portfolio not only includes the best standardised and modular appliances, but also highly individual products with the highest quality standards.

Benefit from a broad product portfolio
Combinations using plug-in compact appliances up to 20,000 m³/h, modular appliances developed for medium air flow rates of up to approx. 40,000 m³/h and individual appliances from small to very large air flow rates of up to 350,000 m³/h are easily managed.

Easy Lifting*
Lifting eyes for particularly straightforward lifting by crane or helicopter for maximum time savings and minimised potential for errors

Control technology supplied ex works
Customised controls for each project. Partly or fully wired on request.

Perfected WOLF know-how
50 years of project experience and well over 100,000 air handling appliances installed worldwide as the basis for the development of new technologies. Lowest leakage values, for example, through ultra-modern sealing systems or quick-release systems. Combining all the advanced features results in HVAC appliances of the highest technical sophistication.

WOLF Sales in your vicinity
Comprehensive and responsive sales network for professional and targeted cooperation.

Service excellence
Broadly based and competent service team; qualified for every service.

Eurovent certification
For all our individual appliances.

*only KG Flex max

For additional hygiene requirements

High performance run-around coil system

Highly efficient heat recovery throughout the entire system Highly efficient heat recovery is possible, even in areas with particularly stringent indoor air quality requirements. Complete separation of the supply and extract air flows means that no pollutants, moisture, odours, bacteria or viruses can be transferred from one flow to the other.

Maximum air flow rates for modular and individual appliances

Legend: 14.000 m^3/h – Typical air flow 1.8 m/s; 2030 – first two digits (20): Appliance width in modular units; last two digits (30): Appliance height in modular units

External dimensions [mm]	Unit height / Standard filter	0,5	1	1,5	2	2,5	3	3,5	4	4,5	5	5,5	6	...
...	...				26.000 m^3/h	33.000 m^3/h	40.000 m^3/h	46.000 m^3/h	53.000 m^3/h	59.000 m^3/h	66.000 m^3/h	73.000 m^3/h	79.000 m^3/h	86.000 m^3/h
3160	5				24.000 m^3/h 2050	30.000 m^3/h 2550	36.000 m^3/h 3050	43.000 m^3/h 3550	50.000 m^3/h 4050	54.000 m^3/h 4550	60.000 m^3/h 5050	66.000 m^3/h 5550	73.000 m^3/h 6050	78.000 m^3/h
2855	4,5				22.000 m^3/h 2045	27.000 m^3/h 2545	32.000 m^3/h 3045	38.000 m^3/h 3545	43.000 m^3/h 4045	49.000 m^3/h 4545	54.000 m^3/h 5045	59.000 m^3/h 5545	65.000 m^3/h 6045	70.000 m^3/h
2550	4			15.000 m^3/h 1540	19.000 m^3/h 2040	24.000 m^3/h 2540	29.000 m^3/h 3040	34.000 m^3/h 3540	40.000 m^3/h 4040	43.000 m^3/h 4540	50.000 m^3/h 5040	53.000 m^3/h 5540	60.000 m^3/h 6040	62.000 m^3/h
2245	3,5			13.000 m^3/h 1535	17.000 m^3/h 2035	21.000 m^3/h 2535	26.000 m^3/h 3035	30.000 m^3/h 3535	34.000 m^3/h 4035	38.000 m^3/h 4535	43.000 m^3/h 5035	46.000 m^3/h 5535	52.000 m^3/h 6035	55.000 m^3/h
1940	3		7.200 m^3/h 1030	10.800 m^3/h 1530	14.000 m^3/h 2030	18.000 m^3/h 2530	22.000 m^3/h 3030	26.000 m^3/h 3530	29.000 m^3/h 4030	32.000 m^3/h 4530	36.000 m^3/h 5030	40.000 m^3/h 5530	43.000 m^3/h 6030	47.000 m^3/h
1635	2,5		6.000 m^3/h 1025	9.000 m^3/h 1525	12.000 m^3/h 2025	15.000 m^3/h 2525	18.000 m^3/h 3025	21.000 m^3/h 3525	24.000 m^3/h 4025	27.000 m^3/h 4525	30.000 m^3/h 5025	33.000 m^3/h 5525	36.000 m^3/h 6025	39.000 m^3/h
1330	2		4.800 m^3/h 1020	7.200 m^3/h 1520	9.600 m^3/h 2020	12.000 m^3/h 2520	14.000 m^3/h 3020	17.000 m^3/h 3520	19.000 m^3/h 4020	22.000 m^3/h 4520	24.000 m^3/h 5020	26.000 m^3/h 5520	29.000 m^3/h 6020	31.000 m^3/h
1025	1,5		3.600 m^3/h 1015	5.400 m^3/h 1515	7.000 m^3/h 2015	9.000 m^3/h 2515	10.800 m^3/h 3015	13.000 m^3/h 3515	15.000 m^3/h 4015	16.000 m^3/h 4515	19.000 m^3/h 5015	20.000 m^3/h 5515		
720	1		2.400 m^3/h 1010	3.600 m^3/h 1510	4.800 m^3/h 2010	6.000 m^3/h 2510	7.200 m^3/h 3010	8.500 m^3/h 3510						
415	0,5		1.600 m^3/h 1005											
External dimensions [mm]		510	720	1025	1330	1635	1940	2245	2550	2855	3160	3465	3770	...

Unit height

Unit width

...or made precisely to customer requirements!

Air flow rate at approx. 1.8 m/s
dark blue = sizes KG Top and KG Flex
light blue = sizes KG Flex
Air flow rates are guide values, the actual configuration is definitive
Actual dimensions may vary due to the profile used

WOLF GmbH
Postfach 13 80
84048 Mainburg

Tel. +49(0)8751/74-0
Fax +49(0)8751/74-1600

www.WOLF.eu
info@WOLF.eu

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