

HOLISTIC CLIMATE STRATEGIES FOR DATA CENTERS

WOLF Data Air PRIME

Future-proof air conditioning for modern data centers

Maximum performance with maximum energy efficiency: **WOLF Data Air PRIME** has been specifically developed to meet the increasing demands of modern data centers. The modular system scales flexibly with your heat loads and rack densities, making it the ideal solution for hyperscale and colocation applications.

Perfectly coordinated components create a well-engineered climate concept: air distribution, air treatment, and flexible air conditioning. This enables WOLF to ensure precise control of all climatic parameters for maximum efficiency, high operational reliability, and continuously available IT infrastructure.

With innovative technologies, **WOLF Data Air PRIME** enables reliable and uniform cooling even under high heat loads and with greater rack heights. A high airflow rate, optimized airflow management, and durable components of the latest generation ensure maximum performance with minimal energy consumption.

Conventional air conditioning systems reach their limits, especially in large and hyperscale data centers. Limited space, increasing energy demand, and high IT loads require new solutions. **WOLF Data Air PRIME** addresses these challenges with a customized system design that creates space for larger server racks and reliably handles the highest heat loads.

From design to commissioning, WOLF supports you holistically in achieving an efficient, scalable, and future-proof climate solution for your business-critical infrastructure.

Reliable. Scalable. Efficient.

WOLF Data Air PRIME – for the next generation of data center air conditioning.

WOLF air handling units

Healthy air for productive workspaces and high-performance cooling for sensitive applications.

Because optimal air quality noticeably enhances concentration, performance, and well-being. Modern WOLF air handling units ensure a reliable, energy-efficient, and hygienic indoor climate. Individually designed and manufactured, and precisely tailored to your requirements.

WOLF Data Air PRIME

Fan wall systems for high-performance data centers
WOLF Data Air PRIME – high-performance cooling for highly available data centers.

Maximum reliability, high airflow, and top energy efficiency ensure stable operating conditions even under extreme heat loads.

Specifically developed for data centers, the system meets all relevant standards and sets new benchmarks in safety and reliability.

The modular design enables flexible, scalable solutions for every performance requirement.

For uncompromising availability and the secure operation of your IT infrastructure.

More information and contact details for our data center specialist



HEATING VENTILATION AIR CONDITIONING

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WOLF Data Air — PRIME —



MODULAR FAN WALLS FOR DATA CENTERS

Subject to technical modifications.

6M04ND2-K1

WOLF Data Air — PRIME —

MODULAR FAN WALL FOR MAXIMUM DATA CENTER PERFORMANCE

- 1 Designed to meet the demands of modern data centers, it delivers high, demand-driven airflow with maximum energy efficiency, high cooling capacity, and high efficiency.
- 2 High availability even during load changes, redundancy requirements, and continuous operation.
- 3 Fans can be serviced or replaced during operation without shutting down the system.
- 4 Efficient, flexible, and customizable to your needs. For maximum operational reliability of your IT infrastructure.

SUITABLE FOR EVERY PERFORMANCE REQUIREMENT

Construction size	External housing dimensions (W x H x L) in mm	Number of fans	Airflow in m³/h	Cooling capacity in kW
1	1589 x 1366 x 1400	1	15.000	80
2	2201 x 1666 x 1400	2	25.000	130
3	2201 x 1972 x 1400	4	40.000	220
4	3425 x 1972 x 1400	6	56.000	300
5	3425 x 2890 x 1400	9	90.000	500
6	4367 x 2890 x 1400	12	112.000	600
*modular design	3425 x (2x 1972) x 1400	2x6	112.000	600

EFFICIENT DATACENTER COOLING WITH A SYSTEM AIR HANDLING TECHNOLOGY MEETS DATA AIR PRIME

As an extension of the new **WOLF Data Air PRIME** product, WOLF offers high-performance air handling units specifically designed to meet the requirements of modern data centers.

They play a central role in the reliable and energy-efficient cooling of sensitive IT infrastructure, ensuring consistent temperature and air conditions during continuous operation.

Thanks to their modular design and high flexibility, the systems can be optimally integrated into both existing and new data center structures.

In combination with the modular fan wall **WOLF Data Air PRIME** they create a holistic solution for maximum performance, reliability, and efficiency – precisely tailored to the growing demands for scalable and sustainable data center cooling.



- Easy access for maintenance
- 1 - 12 fans per module
- Maximum energy efficiency
- Reliable air conditioning
- With integrated control system
- Maximum operational reliability
- Easy installation and setup
- Service and maintenance by our professional team



*modular design

Construction size 4

Construction size 4

GUARANTEED QUALITY

DIN, VDI and hygiene certifications; member of the AHU manufacturers' association



KEY BENEFITS AT A GLANCE

Flexible solutions for every application

- Individually configurable system solutions
- Suitable for central and decentralized applications
- Expansion or retrofitting of existing systems possible

Service- and maintenance-friendly

- Good accessibility of relevant components
- Efficient service and maintenance
- Easy installation and quick commissioning

Hygienically optimized design

- Smooth, easy-to-clean interior surfaces
- Hygiene-compliant design
- Suitable for sensitive areas

High energy efficiency

- Special fan and heat exchanger technology
- Energy-efficient airflow for efficient operation
- Reduced operating and energy costs