

CyberAir Mini CW

Precision air conditioning for small to medium heat loads

CyberAir Mini is an energy-efficient and noise-optimized unit series for small to medium heat loads. These modern and maintenance-friendly units require only a small footprint and can be easily installed in existing rooms thanks to their compact dimensions.

MiniSpace becomes CyberAir Mini

With our MiniSpace series, we have introduced a system worldwide that reliably air conditions rooms with high thermal loads. In further developing and integrating the MiniSpace in the CyberAir series, the aim was to provide even greater flexibility and user friendliness with the new model. CyberAir Mini is engineered for various mission-critical applications and therefore reliably and economically air conditions small server and equipment rooms, and rooms containing the UPS and batteries.



ADVANTAGES +

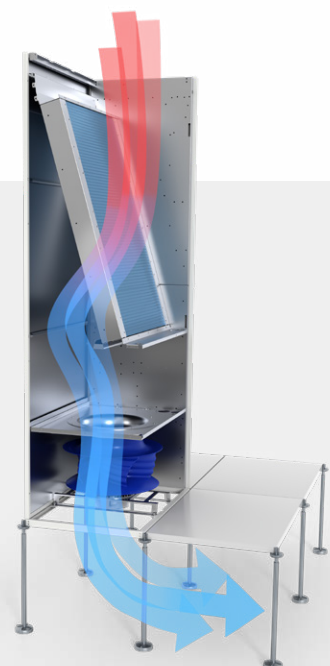
- Maximum cooling capacity with a minimal footprint
- High energy savings thanks to EC technology and the largest possible heat exchanger and filter surfaces
- Reliability and long service life with continuous operation 24/7, 365 days a year
- Intuitive handling of the STULZ controller thanks to clear menu navigation and optional touch display
- Low noise emissions thanks to optimized unit design and EC fans
- Fast and easy installation and maintenance with sales and service partners in over 140 countries.

OPTIONS ✓

- Direct Free Cooling for maximum energy efficiency
- Differential pressure independent control valve for energy-efficient pump operation
- Various installation and air conduction options
- Different filter classes available
- Several heating options
- Humidification

Optimized unit design for maximum added value

The modern design of the CyberAir Mini units not only enables accurate air flow with low pressure losses but also ensures a long service life thanks to the sturdy housing and high-quality components. With their compact dimensions and various sizes, the STULZ units offer diverse installation options to make optimum use of your room space. For maximum flexibility, different types of air conduction (Upflow and Downflow) are available, as well as various intake and exhaust options.

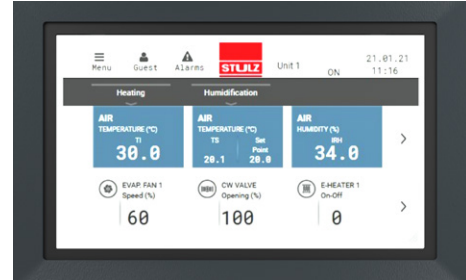


Precise control for greater reliability

Thanks to its flexible and precise control of temperature and humidity, CyberAir Mini ensures maximum reliability during continuous operation 24/7, 365 days a year. In addition, to achieve the highest standards of reliability and usability, STULZ develops the controller in-house, ensuring that software, hardware and air conditioning units are perfectly harmonized. An optional touch display provides clear menu navigation and intuitive operation of the controller.

Other advantages:

- Project-specific software development and optimization
- Compatible with all common BMS protocols
- Several air conditioning units can be operated in parallel across machines
- Access control via different user levels
- Differentiated warning and alarm system
- Integrated standby management and emergency mode
- Filter control management



Service and maintenance

- Fast installation due to easy-to-reach connection points
- Maintenance-friendly: all components requiring maintenance can be accessed from the front
- Preventive maintenance
- Fast service response times
- Trained and experienced sales and service partners in over 140 countries.



Technical Data

Model		CCD 90 CW		CCU 90 CW		CCD 180 CW		CCU 180 CW		CCD 260 CW		CCU 260 CW		CCD 350 CW		CCU 350 CW	
		Downflow	Upflow	Downflow	Upflow	Downflow	Upflow	Downflow	Upflow	Downflow	Upflow	Downflow	Upflow				
Cooling capacity ¹⁾	kW	8.9		16.0		24.5		34.7									
Airflow	m ³ /h	2,800		4,500		6,600		9,200									
EER ¹⁾		22.25	17.80	20.00	17.78	20.42	18.85	20.41	19.28								
Noise ¹⁾²⁾	dB(A)	46	50	53	54	55	56	58	59								
Dimensions (height x width x depth)	mm	1,980 x 540 x 540		1,980 x 740 x 540		1,980 x 940 x 640		1,980 x 1,140 x 640									

Comments: All data apply at 400 V/3 ph/50 Hz with 20 Pa ESD

¹⁾ Return air conditions: 26 °C, 40 % RH; glycol proportion: 0 %; water temperature: 10 °C/15 °C

²⁾ Noise measured at a distance of 2 m in free-field conditions