

Server safe, AFS series

Server safe AFS 305 series ▼	AFS 305/65	AFS 305/85	AFS 305/115
External dimensions in mm (height x width x depth)	1405 x 825 x 1100	1405 x 825 x 1300	1405 x 825 x 1600
Internal dimensions in mm (height x width x depth)	600 x 500 x 650	600 x 500 x 850	600 x 500 x 1150
Outer height without cooling unit in mm	1105	1105	1105
Outer width without hinges in mm	785	785	785
Air-conditioning device in mm (h x w x d)	400 x 600 x 430	400 x 600 x 430	400 x 600 x 430
Weight air-conditioning device in kg	approx. 50	approx. 50	approx. 50
19" useful storage volume in mm (h x w x d)	462 x 450 x 650	462 x 450 x 850	462 x 450 x 1150
Useful height 19" (Rack Units)	10 RU	10 RU	10 RU
Approx. weight in kg (Level 1 / 2 / 3)	690 / 715 / 740	750 / 775 / 800	825 / 850 / 875



Server safe AFS 315 series ▼	AFS 315/65	AFS 315/85	AFS 315/115
External dimensions in mm (height x width x depth)	1635 x 825 x 1100	1635 x 825 x 1300	1635 x 825 x 1600
Internal dimensions in mm (height x width x depth)	830 x 500 x 650	830 x 500 x 850	830 x 500 x 1150
Outer height without cooling unit in mm	1335	1335	1335
Outer width without hinges in mm	785	785	785
Air-conditioning device in mm (h x w x d)	400 x 600 x 430	400 x 600 x 430	400 x 600 x 430
Weight air-conditioning device in kg	approx. 50	approx. 50	approx. 50
19" useful storage volume in mm (h x w x d)	692 x 450 x 650	692 x 450 x 850	692 x 450 x 1150
Useful height 19" (Rack Units)	15,5 RU	15,5 RU	15,5 RU
Approx. weight in kg (Level 1 / 2 / 3)	830 / 860 / 890	910 / 940 / 970	1010 / 1050 / 1110



Server safe AFS 320 series ▼	AFS 320/65	AFS 320/85	AFS 320/115
External dimensions in mm (height x width x depth)	2155 x 825 x 1100	2155 x 825 x 1300	2155 x 825 x 1600
Internal dimensions in mm (height x width x depth)	1400 x 500 x 650	1400 x 500 x 850	1400 x 500 x 1150
Outer height without cooling unit in mm	1905	1905	1905
Outer width without hinges in mm	785	785	785
Air-conditioning device in mm (h x w x d)	400 x 600 x 430	400 x 600 x 430	400 x 600 x 430
Weight air-conditioning device in kg	approx. 50	approx. 50	approx. 50
19" useful storage volume in mm (h x w x d)	1262 x 450 x 650	1262 x 450 x 850	1262 x 450 x 1150
Useful height 19" (Rack Units)	28 RU	28 RU	28 RU
Approx. weight in kg (Level 1 / 2 / 3)	1120 / 1160 / 1200	1490 / 1530 / 1570	1850 / 1900 / 1970



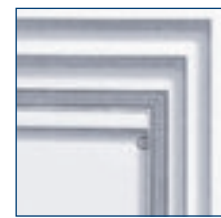
Technical data server safe

Working voltage 230 V, 50 Hz	Accessories options ► stationary device carrier shelves ► pull-out device carrier shelves ► compartment shelves ► pull-out 19" mounting rack, mod. 315 = 14 rack units ► pull-out 19" mounting rack, mod. 320 = 26 rack units ► redundant cooling technology ► fire extinguishing device ► monitoring units ► over-voltage protection	Door lock four-sides safe pin bolt and 1 high-security lock, VdS-category 1 with 2 keys. Optional locking variations available.	Cooling device ► Optional water or circulating air cooling ► split design ► digital temperature indicator with alarm signal transmitter ► internal alarm relay 8 (3) A, 250 V AC
Current consumption approx. 3 A (Model 305) approx. 3.5 A (Model 315/320)	Cabinet system of protection IP 66 EN 60529	Cabinet plinth design suitable for transport by fork lift truck	The design of the server safes is based on the construction of our tested and authorized data safety cabinets of class S 120 DIS (2 hours fireproofness in accordance with EN 1047-1) and the VdS burglary proofness classes 1, 2 or 3 in accordance with EN 1143-1.
Noise level < 50 dB (A) at 1 m distance	Fire protection same design as S 120 DIS, VDMA 24991, DIN EN 1143-1	Installation comes with 19-inch assembly rails as a standard feature	Different from the tested basic construction the server safe has fire-protected cable ducts and larger interior dimensions in order to accommodate IT equipment, and is not certified with these alterations.
Cable duct ► tested cable bulkhead in the cabinet back panel ► halogen-free sealing elements ► watertight and gastight ► suitable for up to 14 lines of Ø 4 mm - Ø 13,5 mm (standard) ► larger number of lines available on request ► subsequent accumulation possible on-site ► Cable partition sealing in plug-and-play method	Burglary protection same design as VdS/Euronorm, RAL-G 627, DIN EN 1143-1, WG I, II, III	Sealing system multi-stage door sealing system	
		Paintwork Structural lacquer, RAL 7035 light grey or 7015 slate grey, more RAL-colours available at extra charge	

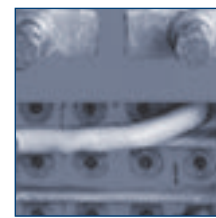
Features



LED display
The displays show the internal temperature and relative humidity of air (optional).



Fire protection
The special sealing system prevents conflagration gases and atmospheric humidity from penetrating.



Cable bulkhead
The cable ducts are sealed fireproof.

Optional features



SAFEGUARD* – YOUR SECURITY PLUS THROUGH EARLY FIRE DETECTION AND ACTIVE EXTINGUISHING
SAFEGUARD is a fire detection and extinguishing system for 19" rack assembly for installation in server safe cabinets. Two installed smoke detectors permanently monitor the interior of the cabinet. In case of cable, equipment, or smoldering fire, the alarm and extinguishing system is activated and power supply is cut off. The cabinet's interior is flooded with an extinguishing agent, smothering the fire in its early stages. The extinguishing agent consists of FM 200 which is specifically well suited for electronic data processing equipment. It does not cause any sudden temperature drop which is particularly damaging to such equipment components. It does not leave any residue, is non-corrosive, electrically non-conductive, and harmless to personal safety. It is environmentally safe and has no detrimental effect on ozone. FM 200 is VdS approved.



SAFECONTROL* – YOUR SECURITY PLUS THROUGH PERFECT MONITORING
SAFECONTROL is a 19" rack-installed monitoring system, network capable and easily tied into network management using SNMP. All security-related factors can be monitored on a continued basis. Potential risks, such as operations interruptions, alarm status, excessive temperatures, unauthorized access, etc. are therefore recognized early on. Plug-in and linkage of alarm signals will enable the timely initiation of appropriate safety measures, avoiding data losses, network failures, system downtime or complete failure with unforeseeable cost consequences, all the way to placing the company in jeopardy. SAFECONTROL consists of a basic processor unit with network interface, sensor units with various sensors, and connection and network accessories. The system is easily configured by customer and / or user through automatic sensor recognition, plug-and-play technology, and graphic user interface.



Telescope rack
For service and maintenance work, the track-based hardware components can be completely pulled out from the safe. Partial removal tracks are optional.

* Items are included, for further information see detailed description.

Locks



Our safes come with a two-way safety lock as a standard feature.



Alternatively all models of the AFS and AIT series are available with a mechanic or electronic code lock.



Special functions, such as multi-user codes, readout log (photo), and time-lock function are optionally available.

Air conditioning

The air conditioning unit can be added on top or placed separately (up to approx. 4 m apart). Other performance data and dimensions available upon request.



Air-conditioning device
Example:
Air conditioning add-on unit for water cooling

Circulating air cooling

Cooling capacity: ► 800 W
► 1200 W
► Standard: added on top 300 mm high
► Alternatively, split unit for separate placement or wall mounting (dimensions upon request)

Water cooling

Cooling capacity: ► approx. 1500 W
Measures approx.: 600 x 400 x 430 (h x w x d)*
Weight approx.: 50 kg
Working voltage: 230 V, 50/60 Hz
Heat exchanger: app. 840 x 380 x 105 (h x w x d)*
► approx. 3000 W
Measures approx.: 600 x 680 x 625 (h x w x d)*
Weight approx.: 91 kg
Working voltage: 400 V, 50/60 Hz
Heat exchanger: app. 960 x 400 x 205 (h x w x d)*
* usable space is reduced by the aforementioned measurements

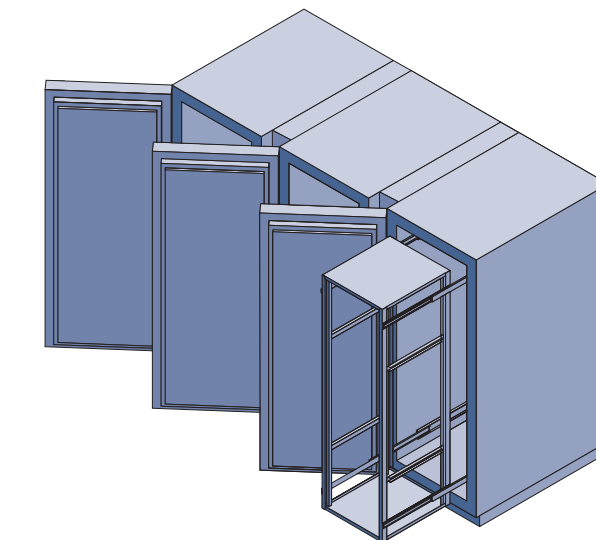
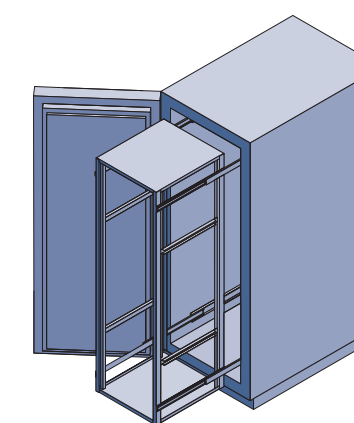
IT safe, AIT series

AIT series ▼	AIT-100	AIT-125
External dimensions in mm (height x width x depth)	1960 x 745 x 1245	1960 x 745 x 1495
Internal dimensions in mm (height x width x depth)	1700 x 585 x 1000	1700 x 585 x 1250
Outer height incl. air-conditioning device in mm	2360	2360
Outer width incl. hinges in mm	775	775
Air-conditioning device in mm (h x w x d)	400 x 600 x 430	400 x 600 x 430
Weight air-conditioning device in kg	approx. 50	approx. 50
19" useful storage volume in mm (h x w x d)	app. 1700 x 535 x 1000	app. 1700 x 535 x 1250
Useful height 19" (Rack Units)	37 RU	37 RU
Approx. weight in kg (Type F 30)	420	450
Approx. weight in kg (Type F 60)	765	815



Single element

IT-Unit



Combination options available in L-shape, U-shape, block, etc.

Technical data IT safe

Working voltage 230 V / 400 V, 50 Hz	Accessories options ► stationary device carrier shelves ► pull-out device carrier shelves ► compartment shelves ► pull-out 19" mounting rack (37 rack units) ► redundant cooling technology ► fire extinguishing device ► monitoring units ► over-voltage protection	Door lock four-sides safe pin bolt and 1 high-security lock, VdS-category 1 with 2 keys. Optional locking variations available.	Paintwork Structural lacquer, RAL 7035 light grey or 7015 slate grey, more RAL-colours available at extra charge
Current consumption approx. 3 A - 3.9 A	Cabinet system of protection IP 66 – EN 60529 / IEC 529	Optional locking variations available.	Cooling device ► Optional water or circulating air cooling ► split design ► digital temperature indicator with alarm signal transmitter ► internal alarm relay 8 (3) A, 250 V AC
Noise level < 50 dB (A) at 1 m distance	Fire protection following DIN 4102 part 4, choice of F 60 and F 30	Cabinet plinth design suitable for transport by fork lift truck	Installation comes with 19-inch assembly rails as a standard feature
Cable duct ► tested cable bulkhead in the cabinet back panel or bottom ► halogen-free sealing elements ► watertight and gastight ► suitable for up to 14 lines of Ø 4 mm - Ø 13,5 mm (standard) ► larger number of lines available on request ► subsequent accumulation possible on-site ► Cable partition sealing in plug-and-play method	Burglary protection safe design, safety category B in accordance with VDMA 24992 - 05/95	Sealing system multi-stage door sealing system; high temperature stability, non-ageing, weathering resistant and ozone-resistant	Multiple wall construction design of door and housing enclosures, plus use of heat-resistant insulating material according to DIN 4102, as well as all-around fire door fold provide the cabinet construction with additional protection against break-in and fire.

24 hours of hardware and system safety

Electronic data represent the existential foundation of every company. Controlling of your internal and external business activities requires all hardware and software components to be available at all times. Any failure of electronic data processing through

- ▶ physical dangers (fire, smoke, fumes, splash water)
- ▶ burglary
- ▶ unauthorized access
- ▶ vandalism
- ▶ espionage
- ▶ explosions
- ▶ sabotage

represents an economic risk for your company, possibly leading to insolvency and bankruptcy. For example, one hour of network downtime may cost you Euro 25,000.

The legislature has assigned responsibility for these matters to entrepreneurs, chief executive officers and executive boards, as specified in the following laws and ordinances:

- ▶ **Product Liability Law:** Liability for resulting damaged with reversal of burden of proof
- ▶ **Federal Data Protection Act:** Data protection against unauthorized access, fraudulent use, tampering, destruction, or deletion
- ▶ **KonTra Law:** Obligation to establish risk management system, including personal liability for chief executive officers and executive boards
- ▶ **Quality Assurance System ISO 9001 EN 29001:** Availability and traceability of all business transactions
- ▶ **Association of Property Insurers (Verband der Sachversicherer, VdS):** According to Fire Protection Guideline 2000-8, all departments of central significance to the upkeep of production must be protected against data loss from fire
- ▶ **Fee Ordinance / GDPdU:** Permanent availability of all tax-relevant data
- ▶ **Basel II:** Higher success rating of company through comprehensive security measures

If the establishment of risk management is found to be negligent, entrepreneurs, chief executive officers, and executive boards are personally liable in case of damage claims.

We offer you 24/7 security for hardware and software as the foundation for risk management. Our server and IT safes are data and hardware lockers protected against fire and break-in. Our server and IT safes excel through the following features:

- ▶ Flexibility through easy location changes
- ▶ Different design sizes
- ▶ Implementation and partitioning through plug-and-play
- ▶ High protection against break-in
- ▶ High protection against fire
- ▶ Modular design optional
- ▶ Customized sizes available

An overview of our product range and our services:

PROTECTION OF VALUABLES

Our valuables protection cabinets – furniture fittings, wall safes or classical safes – meet your safety requirements and offer protection on the highest level. Different sizes, safety levels and a variety of locking devices offer a wide range of applications, in business as well as in the private sector.

- SERIES**
- ▶ AMA | AMB
 - ▶ AE
 - ▶ AW
 - ▶ AG

DATA CARRIERS

Data protection cabinets distinguish themselves for their utmost fire- and burglar-proofness. In order to meet your company-specific needs, individual fittings and the combination of several safety devices, e.g. lock systems, alarm systems, are possible.

- SERIES**
- ▶ AED

DOCUMENTS

Document cabinets are a safe place to keep contracts, instruments, cash and valuables. These model series offer a variety of professional solutions with individual fittings for your business documents. The AEP series distinguishes itself in particular for its fire-proofness class S 120 P.

- SERIES**
- ▶ DST
 - ▶ AEP
 - ▶ AFH

IT

IT and server safes safeguard the existence of your enterprise. Fire- and burglar-proof EDP cabinets guarantee maximum physical safety of your business data (e.g. customer files, balances, production data) and of your software and hardware.

- ▶ IT-SAFES
- ▶ SERVERSAFES

SERVICE

Our competent service team delivers the safe ordered directly to the place of installation. We assist you with help and advice in case of problems such as maintenance, conversion, move or waste disposal. Our Germany-wide network guarantees quick help in the event of damage as well as an emergency opening of your safe within 24 hours.

- ▶ 24h SERVICE
- ▶ MAINTENANCE

ENGINEERING

Individual company structures require individual solutions. We assess your needs, create the plans and realize the safety system geared to your needs. We combine our extensive know-how and the latest technologies with your requirements and desires, e.g. when it comes to dimensions, shapes and design, in a synthesis of tradition and innovation.

- ▶ SPECIAL-PURPOSE SOLUTIONS
- ▶ LAPTOP-CABINETS
- ▶ DEPOSIT-SYSTEMS
- ▶ KEY-MANAGEMENT

IT- and server safes



Server safes AFS series, IT safes AIT series

- ▶ Fireproof and burglar-proof
- ▶ Watertight and gastight cable arrangement
- ▶ Redundant cooling technology
- ▶ Over-voltage protection
- ▶ Fire extinguishing device
- ▶ Modular design optional