Dry & Protect

THINK DRY







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Drying & disinfection Highly effective systems and product solutions from WINTERSTEIGER

Innovative technologies and creative designs make the WINTERSTEIGER drying systems practical product solutions for numerous industries. Whether as open panels or in the form of lockable lockers, the smart design means that the drying equipment can be integrated into any room. The modern technology quickly dries clothing, gloves, masks, boots, shoes, and helmets, and the disinfection largely rids them of odors – thanks to our reliable and energy-efficient systems.

WINTERSTEIGER also has a highly effective product solution for effective indoor disinfection available in the form of Cubusan. Indoor air is carefully cleaned within an hour, directly eliminating 99.9% of viruses and bacteria.

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Industry solutions

Whether it is hard-wearing workwear, emergency clothing or functional sportswear, these textiles are exposed to a high level of stress due to moisture, sweat, and bacteria. It is especially important for functional fabrics to be dried and disinfected in the best possible way, so as to maintain their functionality.

WINTERSTEIGER's drying systems ensure that workwear and protective clothing remain fit for use, that functional textiles do not develop any unpleasant odors and that they feel comfortable to wear. WINTERSTEIGER drying and disinfecting solutions are used specifically in these areas:



Public sector



Production plants and the food industry



Fishing & shipbuilding



Municipal authorities



Infrastructure and transport



Tourism and sport



Agriculture and forestry



Craft and construction companies



Mining

Your benefits

Innovative technology for drying and hygiene: WINTERSTEIGER Dry & Protect is always one step ahead and offers holistic solutions to meet your individual needs. The wide range of benefits they offer ensure a high level of employee satisfaction:

Drying

WINTERSTEIGER Dry & Protect enables rapid, energy-efficient drying in just a few hours – conserving both time and money.

Disinfection

The optional Sterex plasma technology acts as a disinfectant while also reducing odors – the ideal ozone-free addition for hygienically clean and dry equipment.

Efficiency

Dry & Protect raises the bar when it comes to performance – energyefficient, space-saving, material-friendly.

• Superior quality

We only process hot galvanized high-quality thingage sheet metal. Together with our in-house powder coating, this ensures optimal corrosion protection.

Material-friendly drying

A high-tech air circulation fan integrated into the body combined with heated air ensures material-friendly and energy-saving drying. The ozone-free Sterex plasma technology disinfects the equipment without negatively affecting its service life.

Simple and intuitive operation

Our xControl control unit with color display and industrial membrane keyboard makes managing the timing and energy of the device easy – thanks to the customizable drying cycle. This can also be activated via an external input (EIB/home automation).

• Time savings

Thanks to the efficient, smart air circulation drying, clothing and equipment is dry again in just a few hours.

• Stable indoor climate

The closed drying systems utilize an air circulation system, which means no moisture is discharged into the surroundings. This ensures that the indoor climate remains unaffected by the drying process.

Flexibility

A compact design provides maximum flexibility, so the drying systems from WINTERSTEIGER can be integrated into any room and expanded in a variety of ways to boot.



wintersteiger.com/dry-protect

Our technology

We use a range of different technologies for our drying systems, depending on the requirements and field of application. The focus is always on achieving energy-efficient drying and hygienic processing of damp and bacteria-laden clothing and work equipment in the fastest possible time.

	Technology	Funktionsweise	Erhältlich für
STER EX	Sterex plasma technology	Disinfection by means of plasma technology	All product ranges incl. air purifier
Res and a second	GreenDry	Condensation drying with air circulation fan and heating system	Econ (energy-efficient condensation dryer)
T T	SpreedDry	Air circulation drying with heating system	Tantum (open dryer) Primus (drying locker)
	xDry	Air circulation drying	Drying lockers



Sterex plasma technology

Function

The Sterex plasma technology is a complex process for comprehensive disinfection and reliable elimination of unpleasant odors. How does it work? A high-voltage electrode charges the surrounding air and creates what is known as non-thermal plasma. This is an efficient way to reduce germs, without the need for chemical additives. Unlike conventional ozone and UVC technology, the materials are not affected in any way.



Scan the QR code now to learn more about Sterex!



odour reduction

- Disinfection of textiles by means of drying equipment, without the use of toxic or environmentally harmful chemicals
- Improvement of indoor climate with breathable, fresh and healthy air using the Cubusan air purifier
- Efficient action against viruses and bacteria
- Reduction of odors from volatile organic compounds such as sweat
- Beneficial for health
- Does not damage plastics or synthetic fibers



The GreenDry technology works with a condensation unit, where moisture from the heated air condenses on cold copper pipes. The water runs along the pipes and is collected in a built-in water tank. If there is a wastewater connection, the extracted liquid can also be discharged directly into the wastewater system. This efficiently counteracts the formation of mold and unpleasant odors.

To save additional energy, the heated air circulates in the closed drying locker and does not escape into the room. What's more, the air is only heated by the heating elements at the start of the drying process in order to reach the required operating temperature. Afterwards, the heating process is only activated if the temperature in the drying locker falls. This means up to 60 % less energy is used compared to conventional devices – smart!

Your benefits:

- Energy-efficient drying (up to 60% reduction)
- Ready for use from an ambient temperature of 7 $^{\circ}\mathrm{C}$
- Optimum indoor climate thanks to air circulation system no moisture in the room
- Prevents the formation of mold and unpleasant odors
- If there is a wastewater connection, water can be drained directly into the wastewater system
- Gentle on plastics and synthetic fibers



Function

The SpeedDry drying technology utilizes high-performance fans. They form the basis for the innovative air circulation drying and they get the efficient exhaust air drying in motion with large airflow volumes. As a result, the dry air is conveyed to the wet equipment and drying begins. The moisture removed is then discharged into the ambient air. To save energy, the proportional heating time can be reduced individually. This results in a drying system that offers both air drying and warm air drying. Both applications guarantee fast and material-friendly drying of clothing and equipment and can be extended using Sterex plasma technology – for a comprehensive hygiene function on top.

SpeedDry air circulation technology is recommended particularly for well-ventilated rooms with an ambient temperature of at least 10 °C (Primus series) and 15 °C (Tantum series). Drying is most effective under these conditions. Like all WINTERSTEIGER plug and play products, the drying system simply needs to be connected to a power outlet and you're ready to dry – it's material-friendly, energy-efficient, and quick.

Your benefits:

- Quick drying process in just a few hours
- Energy-efficient technology thanks to a combination of fans and heating system
- Individual drying modes with variable heating duration: ambient air drying & warm air drying
- Material-friendly drying at moderate temperature (40 °C)



Function

The xDry technology works according to the principle of air circulation drying. This is based on powerful fans which convey the dry air to the wet equipment and release the moisture into the indoor air. As there are no heating elements to warm the air, this is a particularly energy-efficient process. The xDry technology works exclusively with regular air drying, meaning that the supplied air is not heated during the drying process. Energy-saving and material-friendly drying is guaranteed and all xDry products are optionally available with Sterex plasma technology. We recommend products with xDry technology for overnight drying.

Dry & Protect

Many drying and disinfection options.

WINTERSTEIGER's drying and disinfection systems offer a wide range of possibilities, and not only due to the different technologies used. The design variants and partly configurable hanging options ensure a wide range of applications. Boots, helmets, breathing masks, jackets, trousers, gloves – in short, everything you wear on your body. Special inserts can also be used to dry materials and tools such as fire hoses in a space-saving manner.



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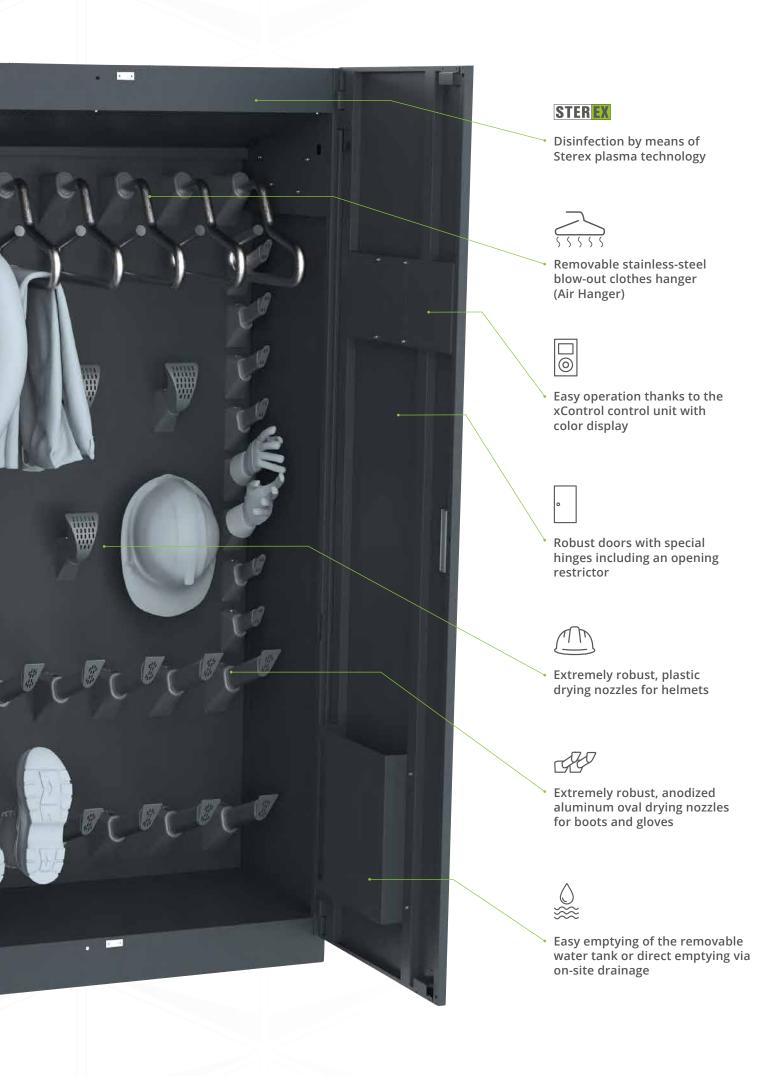
Tantum



Primus



Econ



Tantum series

Versatile open panels

Space-saving and boasting flexible assembly and varied equipment – the products in our Tantum series can be integrated into any room. With their integrated SpeedDry technology and sophisticated design, the open drying panels guarantee maximum power in minimum space. In addition to the welcome space saving, the Tantum series features impressively fast and energy-saving drying. To save energy, the proportional heating time can be reduced individually. What's more, the Tantum drying panels are ideal for efficient use of space, allowing you to easily access the drying options.

Tantum Boot 10

Boot dryer 10 pairs of shoes



Boot dryer 5 pairs of shoes





stainless steel





stainless steel

Tantum Boot 15

Boot dryer 15 pairs of shoes





Tantum Boot 20



Tantum Boot 2x20

Boot dryer 40 pairs of shoes





Technical data

Tantum	Boot 5	Boot 10	Boot 15	Boot 20	Boot 2x20		
Drying system	=∰ speedDry	= ∰ speedDry					
Ambient temperature	from 15 °C						
Dimensions (W x H x D)	400 x 1830 x 620 mm	600 x 1830 x 620 mm	900 x 1830 x 620 mm	1200 x 1830 x 620 mm	1200 x 1950 x 1070 mm		
Weight	65 kg	76 kg	93 kg	101 kg	143 kg		
Power consumption	1100 W (Sterex: 1110 W)	2150 W (Sterex: 2160 W)	2150 W (Sterex: 2160 W)	2150 W (Sterex: 2160 W)	3150 W (Sterex: 3160 W)		
Supply voltage	230 V AC						
Base stand	Yes (optional)	Yes (optional)	Yes (optional)	Yes (optional)	Yes		

Tantum Var 4 Boot

Shoe dryer ^{4 pairs of shoes} Tantum Var 4+4 Boot / Glove

Boot-/ Glove dryer 4 pairs of shoes and 4 pairs of gloves







Tantum Var 10 Boot / Glove

Boot-/ Glove dryer ^{10 pairs of shoes/gloves} Tantum Var 12 Glove Compact

Glove dryer 12 pairs of gloves





Also available in stainless steel







Technical data

Tantum	Var 4 Boot	Var 4+4 Boot / Glove	Var 10 Boot / Glove	Var 12 Glove Compact	
Drying system	= ∰ speedDry				
Ambient temperature	from 15 °C				
Dimensions (W x H x D)	500 x 1740 x 410 mm	500 x 1740 x 410 mm	500 x 1740 x 610 mm	220 x 1800 x 460 mm	
Weight	31 kg	32 kg	32 kg	23 kg	
Power consumption	900 W (Sterex: 910 W)				
Supply voltage	230 V AC	230 V AC	230 V AC	230 V AC	
Wall mounting	Yes	Yes	Yes	Yes	

Tantum Set 2 Premium

Universal dryer 2 pairs of boots, 2 pairs of gloves and 2 jackets/trousers on Air Hanger



Tantum Set 4 Premium

Universal dryer 4 pairs of boots, 4 pairs of gloves and 4 jackets/trousers on Air Hanger





Tantum Set 8 Premium

Universal dryer 8 pairs of boots, 8 pairs of gloves and 8 jackets/trousers on Air Hanger







Scan the QR code now to watch the Tantum video!

Technical data

Tantum	Set 2 Premium	Set 4 Premium	Set 8 Premium
Drying system	= ∰ speedDry		
Ambient temperature	from 15 °C		
Dimensions (W x H x D)	400 x 1830 x 740 mm	600 x 1830 x 740 mm	1200 x 1830 x 740 mm
Weight	66 kg	78 kg	113 kg
Power consumption	1100 W (Sterex: 1110 W)	2150 W (Sterex: 2160 W)	2150 W (Sterex: 2160 W)
Supply voltage	230 V AC	230 V AC	230 V AC
Base stand	Yes (optional)	Yes (optional)	Yes (optional)

Primus series

Reliable drying in record time

The closed drying systems in our Primus series use the innovative SpeedDry technology. This combines integrated highperformance fans with smart heating and thus ensures rapid and gentle drying of workwear, emergency clothing, and equipment. On this basis, the products in our Primus series feature two complementary drying technologies: air drying and warm air drying. While the air circulation fan is in operation throughout the entire drying cycle, the heater is only switched on during a predefined period – a well-designed drying system with added value!

Primus Uni 10 Boot / Glove

Boot-/ Glove dryer

Primus Helmet 10

Helmet dryer







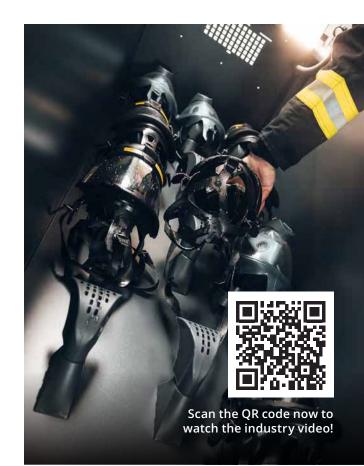
NEW



Primus Mask 15

Mask dryer





Technical data

Primus	Uni 10 Boot / Glove	Mask 15	Helmet 10
Drying system	=∰ speedDry		
Ambient temperature	from 10 °C		
Dimensions (W x H x D)	600 x 1980 x 760 mm	600 x 1980 x 760 mm	600 x 1980 x 760 mm
Weight	95 kg	93 kg	93 kg
Power consumption	2150 W (Sterex: 2160 W)	2150 W (Sterex: 2160 W)	2150 W (Sterex: 2160 W)
Supply voltage	230 V AC	230 V AC	230 V AC

Primus 2 x Set 1 Premium

Universal dryer 2 pairs of boots, 2 pairs of gloves and 2 jackets/trousers on Air Hanger and clothes bar







Primus Set 2 Premium

Universal dryer 2 pairs of boots, 2 pairs of gloves and

2 jackets/trousers on Air Hanger

Primus Set 4 Standard

Universal dryer 4 pairs of boots, 4 pairs of gloves and 4 jackets/trousers on clothes bar

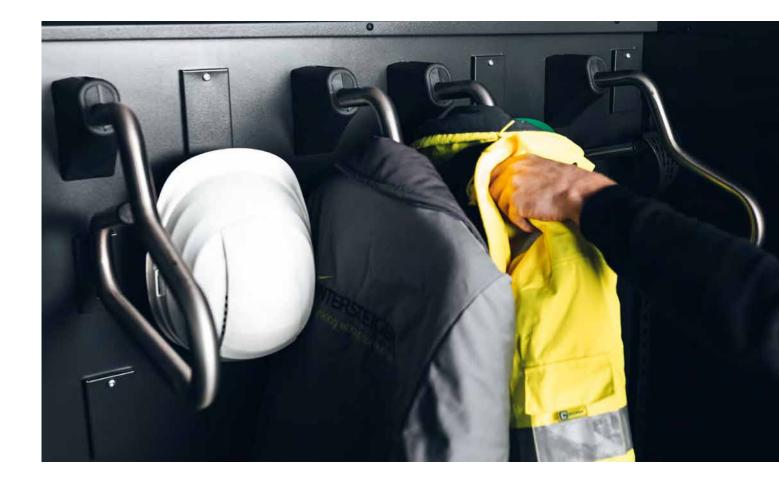
Primus Set 4 Premium

Universal dryer 4 pairs of boots, 4 pairs of gloves and

4 jackets/trousers on Air Hanger







Technical data

Primus	Set 2 Premium	2 x Set 1 Premium	Set 4 Standard	Set 4 Premium
Drying system	≡ speedDry			
Ambient temperature	from 10 °C			
Dimensions (W x H x D)	400 x 1980 x 760 mm	600 (2x300) x 1980 x 760 mm	600 x 1980 x 760 mm	400 x 1980 x 760 mm
Weight	74 kg	115,5 kg	97 kg	100 kg
Power consumption	1100 W (Sterex: 1110 W)	2150 W (Sterex: 2160 W)	2150 W (Sterex: 2160 W)	2150 W (Sterex: 2160 W)
Supply voltage	230 V AC	230 V AC	230 V AC	230 V AC

Primus Set 8 Standard

Universal dryer 8 pairs of boots, 8 pairs of gloves and

8 jackets/trousers on clothes bar



Primus Set 8 Premium

Universal dryer 8 pairs of boots, 8 pairs of gloves and

8 jackets/trousers on Air Hanger



Primus Set 8 Helmet Premium

Universal dryer 8 pairs of boots, 8 pairs of gloves and 8 jackets/trousers on Air Hanger and

8 helmets

Primus Jacket Standard

Universal dryer Jackets/trousers on 2 clothes bar





NEW

Primus Universal

Universal dryer Configurable nozzle placement,

optional grids, and baskets



Available from October 2023









- Variable rear panel for individual equipment with various drying nozzles and air hangers
- Optional: Height-adjustable, removable grids, tanks, and baskets
- Optional: Premium hanger on up to 2 bars for hangers



Scan the QR code now to watch the Primus video!

Technical data

Primus	Set 8 Standard	Set 8 Premium	Set 8 Helmet Premium	Jacket Standard	Universal
Drying system	=∰ speedDry				
Ambient temperature	from 10 °C				
Dimensions (W x H x D)	1200 x 1980 x 760 mm				
Weight	146 kg	154 kg	155 kg	146 kg	146 kg
Power consumption	2150 W (Sterex: 2160 W)				
Supply voltage	230 V AC				

Econ series

Energy efficient condensation drying for flexible use

Our Econ series comprises high-quality closed drying systems with GreenDry technology. The underlying principle is condensation drying which is a smart way to achieve rapid and energy-efficient drying. Maximum flexibility is also ensured. The drying systems in the Econ series are ready for use from an ambient temperature of 7 °C and each drying process can be programmed individually using the integrated timer – a clever addition that ensures your clothing and equipment is dried to perfection.

Econ Set 4 Premium

Universal dryer 4 pairs of boots, 4 pairs of gloves and

4 pairs of boots, 4 pairs of gloves and 4 jackets/trousers on Air Hanger



Econ Set 8 Helmet Premium

Universal dryer 8 pairs of boots, 8 pairs of gloves and 8 jackets/trousers on Air Hanger and 8 helmets



Econ Set 8 Premium





Econ Jacket 16 Premium

Universal dryer 16 jackets/trousers on Air Hanger



Econ Universal

Universal dryer Configurable nozzle placement,

optional grids, and baskets







- · Variable rear panel for individual equipment with various drying nozzles and air hangers
- Optional: Height-adjustable, removable grids, tanks, and baskets
- Optional: Premium hanger on up to 2 bars for hangers





Scan the QR code now to watch the Econ video!

Technical data

Econ	Set 4 Premium	Set 8 Premium	Set 8 Helmet Premium	Jacket 16 Premium	Universal	
Drying system	greenDry	greenDry				
Ambient temperature	from 7 °C					
Dimensions (W x H x D)	600 x 2050 x 760 mm	1200 x 2050 x 760 mm	1200 x 2050 x 760 mm	1200 x 2050 x 760 mm	1200 x 2050 x 760 mm	
Weight	133 kg	199 kg	201 kg	198.4 kg	198.4 kg	
Power consumption	1580 W (Sterex: 1590 W)	1890 W (Sterex: 1900 W)				
Supply voltage	230 V AC					
Water tank	Yes	Yes	Yes	Yes	Yes	

Drying lockers

For larger companies, there is also the option of planning lockers with air circulation drying as an individual project. Employees can hang their clothes to dry in their own locker at the end of the working day – the next day everything is dry again and ready for use.



Your benefits summed up:

- Energy-saving xDry air circulation drying for overnight drying
- Removable stainless-steel blow-out clothes hanger (Air Hanger)
- Including storage compartment
- Robust doors with special hinges including an opening restrictor
- Extremely robust, anodized aluminum oval drying arms with unique blow-out end caps
- Perforated base for additional air exchange
- Slanted roof for easy cleaning
- Locking systems available in mechanical and electronic designs
- Options, such as a mirror, utensil net, hooks, etc.

We only process hot galvanized high-quality thin-gage sheet metal. Together with our in-house powder coating, we ensure maximum corrosion protection.

Technical data

Drying system	ည္ xDry
Ambient temperature	ab 15 °C
Dimensions (W x H x D)	350 x 2050 x 560 mm
Power consumption	30 W
Supply voltage	230 V AC



Contact us: wintersteiger.com/dry-protect

Accessories

Thanks to the extensive range of accessories for WINTERSTEIGER products, you can enjoy maximum convenience and wide-ranging flexibility for all your drying needs. Whether you're looking for special nozzles for advanced boot drying, height-adjustable feet, or water drip trays made of high-quality stainless steel, you can equip any drying system to suit your specific needs with our versatile accessories.

Article number	Product	Dimensions
62-010-403	Standard shoe nozzle, large	Length: 340 mm
62-010-402	Shoe nozzle with pointed tip, long	Length: 470 mm
62-010-401	Universal nozzle, long Ideal for shoes, boots and long gloves	Length: 430 mm
62-010-408	Standard glove nozzle, small	Length: 190 mm
62-010-407	Universal nozzle, small	Length: 230 mm
62-010-409	Helmet holder	
62-010-404	Stainless-steel Air Hanger	
62-010-406	 Nozzle holder, large For standard shoe nozzle, large For shoe nozzle with pointed tip, long For Air Hanger 	
62-010-410	 Nozzle holder, small For universal nozzle, long For universal nozzle, small For standard glove nozzle, small For helmet holder 	

	Article number	Product	Dimensions
	62-010-405	Adapter for Air Hanger to nozzle holder, large	
NEW	62-010-412	Adapter for nozzle holder, large to small	
	62-010-309	External input for xControl For control through an EIB bus sys- tem, for example	
	62-010-411	Special bit For nozzle holder screws	

Primus and Econ series

Article number	Product	Dimensions
62-010-305	Slanted roof	600 mm
62-010-306	Slanted roof	1200 mm
62-010-312	Slanted roof Stainless steel	1200 mm
62-010-314	Stainless-steel basket	600 x 420 mm
62-010-315	Stainless-steel tray	1200 x 440 mm

Article number	Product	Dimensions
62-010-316	Stainless-steel grid	1200 x 440 mm
62-010-317	Bar for hangers Optional configurable bar for hangers rail for use with the Premium Hanger	1200 mm
62-200-314	Premium Hanger Special hanger for optimum storage of jackets and trousers on a bar for hangers.	
62-010-308	Adjustable base set Consisting of 4 adjustable bases	

Tantum series

Article number	Product	Dimensions
62-010-301	Water drip tray Stainless steel	400 x 400 mm
62-010-302	Water drip tray Stainless steel	600 x 400 mm
62-010-303	Water drip tray Stainless steel	900 x 400 mm
62-010-304	Water drip tray Stainless steel	1200 x 400 mm
62-010-311	Base stand set	

Cubusan Air purifiers for room disinfection

Innovative technology for reliable air purification is the future of hygienic cleaning. It ensures comprehensive disinfection of indoor spaces and neutralizes 99.9 % of all viruses and bacteria directly in the air. Unlike conventional air purifiers, the germs do not need to travel through the room to a filter, nor is there a need to use ozone or UV-C for disinfection. Promoting health and safety is our absolute priority. WINTERSTEIGER's air disinfection concept is guided solely by modern standards and the latest technology. We're one step ahead!





Discover now: wintersteiger.com/cubusan

Companies



Doctors and medical facilities



Public institutions



Gyms

Technical data

Cubusan	CP-120	CP-70
Protected room size	max. 120m ³	max. 70 m ³
Noise level	32 dB(A)	23 dB(A)
Dimensions (W x H x D)	190 x 190 x 190 mm	190 x 190 x 190 mm
Weight	8.5 kg	8.5 kg
Continuous output	8 W	5 W
Supply voltage	230 V AC, 50 Hz	230 V AC, 50 Hz
Color	black, white	black, white
Package contents	1 x Cubusan CP-120, 1 x plug-in power supply unit, 1 x insertion aid, 1 x operating manual, 2 x stickers	1 x Cubusan CP-70, 1 x plug-in power supply unit, 1 x insertion aid, 1 x operating manual, 2 x stickers
Optionally available	WLAN timer*, wall or ceiling mount**, base stand	WLAN timer*, wall or ceiling mount**, base stand

Accessories

Cubusan

	Article number	Product	Dimensions
	62-210-301	Wall and ceiling mount Black, CP-120 and CP-70	
-1	62-210-304	Wall and ceiling mount White, CP-120 and CP-70	
	62-210-303	Base stand CP-120 and CP-70	Height: 1050 mm
	62-014-012	WLAN timer CP-120 and CP-70	
NEW	62-210-308	DC switch 5.5 / 2.1 mm	Length: 280 mm

Your partner with 360° service



Reliable textile and air disinfection using innovative Sterex plasma technology



A reliable partner with many years of experience in producing metal lockers as well as developing and producing drying systems and air purifiers



Everything from a single source – from engineering to customer service



Innovation and technology leader in the field of drying systems and indoor air disinfection



Wide range with optimum drying and hygiene solutions for every requirement



Complete planning expertise – from the 2D base dimension planning to 3D visualization and planning



Drying guarantee: material-friendly, space-saving, quick, and flexible



Austrian quality standard



Discover now: wintersteiger.com

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