

Professional Air Purification and
Room Disinfection Systems
with
Pre-filter, HEPA filter, Activated Carbon filter,
Photocatalytic Oxidation, Plasma

THE
IS
AIR
CLEAN



ETS Products Group

ETS AP-30W



ETS Products Group

The compact wall unit AP-30W is technically fully equipped with a prefilter, HEPA filter, carbon filter, titanium dioxide filter, UV-C disinfection and plasma. The modern display shows, in addition to the current air values, the temperature and humidity. The system is operated by touch, remote control or via integrated WiFi with the tuya app.

Technical Data	AP-30W
Aerea	30 m ²
Clean Air Delivery Rate	200 m ³ /h
Voltage	220 V / 230 V
Frequency	50 Hz
Rated Power	60 W
Dimensions (mm)	520 x 310 x 140
Net Weight (kg)	8,9 kg
Ambient temperature	5 °C - 40 °C
Relative humidity	< 80%
Ozone concentration	< 0,005 mg/m ³
Automatic Mode	yes
Control	Touch, IR remote control, tuya app (WiFi)
Display	PM2.5, temperature, humidity, UV-C sterilization, plasma, TVOC, fan level, WiFi, AI automatic mode
Sensors	TVOC + PM2.5
Further functions	Timer, night mode, child safety via remote control
Pre Filter	yes
UV Sterilizing Lamp	yes (254 nm / 8 W)
TiO ₂ Titanium Dioxide Filter	yes
Activated Carbon Filter	honeycomb
HEPA filter	yes (HEPA H13 / EN1822-1:2009)
Air Guidance	Inlet below / Outlet above
UV & filter change interval	approx. 8000 h (Timer)
Housing	White, galvanised steel, lacquered



With tuya app control



Noise (measured, 1 m / 90 °)

- Level 1: 36 dB
- Level 2: 45 dB
- Level 3: 52 dB
- Level 4: 54 dB



ETS AP-40



ETS Products Group

Stand system with tri-color optical air quality display.

Technically fully equipped (HEPA & carbon & titanium dioxide & UV-C & plasma) the compact system achieves highest values in its class, certified by independent Institutes.

Technical Data	AP-40
Aerea	40 m ²
Clean Air Delivery Rate	320 m ³ /h
Voltage	110 V / 230 V
Frequency	50 Hz or 60Hz
Rated Power	60 W
Dimensions (mm)	620 x 391 x 227
Net Weight (kg)	8,5 kg
Ambient temperature	5 °C - 40 °C
Relative humidity	< 80%
Ozone concentration	< 0,005 mg/m ³
Automatic Mode	yes
Remote Control	IR
Operation	Touch
Air Quality Display	Colorchange
Pre Filter	yes
UV Sterilizing Lamp	yes
TiO ₂ Titanium Dioxide Filter	yes
Activated Carbon Filter	honeycomb
HEPA	H13 PP+PET
Certification /Reports	CE, ROHS, official biologic and filter function report of GDIM
Viruses / Bacteria tested (Details see Report)	H1N1 + H3N2 + 5 Bacteria
Filter test	PM2.5 / PM0.3
UV & filter change interval	approx. 8000 h



Noise (measured, 1 m / 90 °)

- Level 1: 35 dB
- Level 2: 37 dB
- Level 3: 48 dB
- Level 4: 51 dB



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2020SP8365R04E PM2.5 / PM0.3 · 2020SP8365R02E FORMALDEHYDE ·
2020SP8365R01E VIRUS REMOVAL RATE · 2020SP8365R03E BACTERIA
REMOVAL RATE

CE RoHS

ETS AP-60



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Technical Data	AP-60
Aerea	60 m ²
Clean Air Delivery Rate	480 m ³ /h
Voltage	110 V / 230 V
Frequency	50 Hz or 60Hz
Rated Power	90 W
Dimensions (mm)	980 x 330 x 200
Net Weight (kg)	10 kg
Ambient temperature	5 °C - 40 °C
Relative humidity	< 80%
Ozone concentration	< 0,01 mg/m ³
Automatic Mode	yes
Remote Control	IR+ Wall display
Operation	Touch
Air Quality Display	Quality indicator
Pre Filter	yes
UV Sterilizing Lamp	yes
TiO ₂ Titanium Dioxide Filter	no
Activated Carbon Filter	yes
HEPA filter	no
Certification /Reports	CE, ROHS, official biologic and filter function report of GDIM
Viruses / Bacteria tested (Details see Report)	H1N1 + H3N2 + 5 Bacteria
Filter test	PM2.5
UV & filter change interval	approx. 8000 h



Wall mounting system with remote control and an external display showing the air quality.

Due to the unique filter configuration, the system achieves highest cleaning rates in all laboratory tests.

Bacteria > 99.9%

Viruses > 99.9%



Noise (measured, 1 m / 90 °)

Level L: 39 dB

Level M: 48 dB

Level H: 51 dB



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2020SP8366R04E PM2.5 · 2020SP8366R02E FORMALDEHYDE ·
2020SP8366R01E VIRUS REMOVAL RATE · 2020SP8366R03E BACTERIA
REMOVAL RATE

CE RoHS

ETS AP-90



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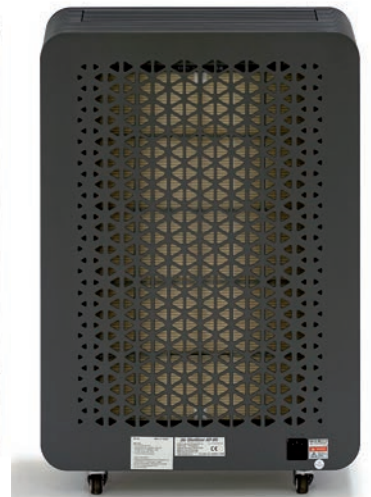
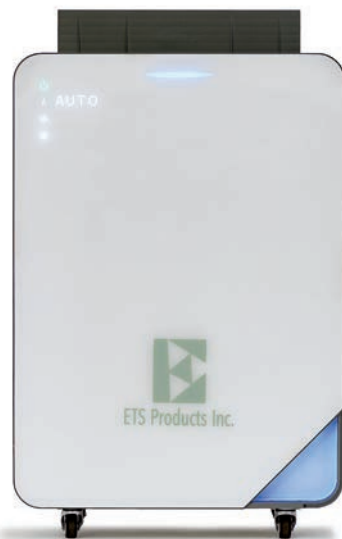
Stand system with a four-color optical display for air quality with two independent sensors (PM3.5 and TVOC).

Our all-rounder for every application. Technically fully equipped (HEPA & carbon & titanium dioxide & UV-C & plasma) the compact system achieves maximum values in all SGS laboratory tests.

Bacteria > 99.9%

Viruses > 99.9%

Technical Data	AP-90
Aerea	80 m ²
Clean Air Delivery Rate	720 m ³ /h
Voltage	220 V / 230 V
Frequency	50 Hz or 60 Hz auto
Rated Power	117 W
Dimensions (mm)	729 x 490 x 244
Net Weight (kg)	15,6 kg
Ambient temperature	5 °C - 40 °C
Relative humidity	< 80%
Ozone concentration	< 0,005 mg/m ³
Automatic Mode	yes
Remote Control	IR
Operation	Touch
Air Quality Display	colour change
Pre Filter	yes
UV Sterilizing Lamp	yes
TiO ₂ Titanium Dioxide Filter	1
Activated Carbon Filter	honeycomb
HEPA filter	H13 PP+PET H14 optional
Certification /Reports	CE, ROHS, official biologic and filter function report of SGS
Viruses / Bacteria tested (Details see Report)	H1N1 + H3N2 + 5 Bacteria
Filter test	PM2.5 /PM0.3
UV & filter change interval	approx. 8000 h



Noise (measured, 1 m / 90 °)

Level 1 (auto & manuell):	36 dB
Level 2 (auto & manuell):	39 dB
Level 3 (auto & manuell):	52 dB
Level 4 (auto & manuell):	59 dB
Turbo cleaning (manual):	62 dB



GZF20-017834-01 PM0.3 · GZF20-017834-02 CADR · GZF20-017834-04 PM2.5
GZF20-017834-05 BACTERIA REMOVAL RATE · GZF20-017834-06 VIRUS REMOVAL RATE



ETS AP-120 EDM / 120

Optionally with a display and automatic control or without a display and with manual control. These systems are suitable for larger rooms and rooms with high levels of public traffic.

The systems are equipped with large filter surfaces and a complete technical set: HEPA & carbon & titanium dioxide & UV-C & plasma. The systems achieve top values in all GDIM laboratory tests:

bacteria > 99.9%,

viruses > 99.9%

Technical Data	AP-120 EDM	AP-120
Aerea	140 m ²	140 m ²
Clean Air Delivery Rate	1200 m ³ /h	1200 m ³ /h
Voltage	110 V / 230 V	110 V / 230 V
Frequency	50 Hz / 60 Hz	50 Hz / 60 Hz
Rated Power	120 W	120 W
Dimensions (mm)	1320 x 570 x 320	1240 x 575 x 325
Net Weight (kg)	43 kg	41 kg
Ambient temperature	5 °C - 40 °C	5 °C - 40 °C
Relative humidity	< 80 %	< 80 %
Ozone concentration	< 0,012 mg/m ³	< 0,012 mg/m ³
Automatic Mode	yes	no
Remote Control	IR	no
Operation	touch	switch
Air Quality Display	quality indication	no
Pre Filter	yes	yes
UV Sterilizing Lamp	yes	yes
TiO ₂ Titanium Dioxide Filter	2	2
Activated Carbon Filter	honeycomb	honeycomb
HEPA filter	H13 medical fiberglass	H13 medical fiberglass
Certification /Reports	CE, ROHS, official biologic and filter function report of GDIM	CE, ROHS, official biologic and filter function report of GDIM
Viruses / Bacteria tested (Details see Report)	H1N1 + H3N2 + 5 Bacteria	H1N1 + H3N2 + 5 Bacteria
Filter test	PM2.5 / PM0.3	PM2.5 / PM0.3
UV & filter change interval	ca. 8000 h	ca. 8000 h



AP-120 EDM
with
tuya app control

AP-120
with manual
control

Noise (measured, 1 m / 90 °)

	AP-120 EDM	AP-120
Level L	38 dB	38 dB
Level M	56 dB	56 dB
Level H	62 dB	62 dB



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REMOVAL RATE

ETS AP-160



ETS Products Group

Stand system with air quality display. This system is suitable for larger rooms and rooms with a high level of public traffic.

Thanks to its large filter surface area and fully technically equipped (HEPA, carbon, titanium dioxide, UV-C and plasma), this system achieves highest values in SGS laboratory tests: bacteria > 99.9%, viruses > 99.9%

Technical Data	AP-160
Aerea	160 m ²
Clean Air Delivery Rate	1300 m ³ /h
Voltage	110 V / 230 V
Frequency	50 Hz or 60 Hz
Rated Power	140 W
Dimensions (mm)	71216 x 600 x 345
Net Weight (kg)	54 kg
Ambient temperature	5 °C - 40 °C
Relative humidity	< 80%
Ozone concentration	< 0,005 mg/m ³
Automatic Mode	yes
Remote Control	IR
Operation	Touch
Air Quality Display	quality indication
Pre Filter	yes
UV Sterilizing Lamp	yes
TiO ₂ Titanium Dioxide Filter	1
Activated Carbon Filter	honeycomb
HEPA filter	H13 medical fiberglass
Certification /Reports	CE, ROHS, official biologic and filter function report of SGS
Viruses / Bacteria tested (Details see Report)	H1N1 + H3N2 + 5 Bacteria
Filter test	PM2.5 /PM0.3
UV & filter change interval	approx. 8000 h



with
tuya app control

Noise (measured, 1 m / 90 °)

Level L: 38 dB

Level M: 55 dB

Level H: 62 dB



GZF20-017834-07 PM0.3 · GZF20-017834-08 CADR
GZF20-017834-09 BACTERIA REMOVAL RATE



ETS Products Group®

The ETS Products Group, with its own research and development centers as well as production facilities at several locations in Asia, was founded 30 years ago in Germany and is under German management.

ETS Air Purification Systems

In the field of air purification three common systems are known on the market: HEPA filter, disinfection by UV-C Light, and activated carbon filter combinations. As proof of the efficacy of their systems the majority of market participants refer to studies and comparative publications. However, only air purifiers with proven efficacy, certified by accredited test bodies are generally recommended to be used in business and public facilities.

ETS combines state of the art, multi tier air purification stages within one device:

PRE-FILTER → HEPA FILTER → ACTIVATED CARBON FILTER → PHOTOCATALYTIC OXIDATION (TiO₂ & UV-C LIGHT) → PLASMA



The efficacy of the ETS systems has been successfully tested independently by both, the international goods testing group SGS and the Guangdong Institute of Microbiology (GDIM), one of the world's leading institute in the field of microbiology. Certificates of both independent laboratories confirm the nearly entire removal of viruses, bacteria, and other pollutants from the air. Air Purification efficiencies of ETS Systems were confirmed with up to > 99.99% by the aforementioned institutes. Like in the aircraft industry, the multi tier purification stages have a high level of redundancy in order to guarantee the highest possible safety and best possible air purification results.

Target Groups

Currently COVID-19 dominates the headlines during this world wide pandemic. One of the most efficient measures to remove pathogens from the air in closed spaces, are professional air purification systems. Thus the ETS Air Purification Systems are one of the most recommended systems in Germany and Europe. Air Purification Systems with proven efficacy are used whenever indoor air quality is of significant importance and contaminants are to be reliably removed. Application examples are, but not limited to: Business spaces, showrooms, offices, seminar rooms, trade fair spaces, hotel rooms, pubs, restaurants, bars, nursing homes, hospitals, waiting areas, indoor sports facilities & gyms, wellness areas, private spaces, etc. Air Purification Systems have a wide range of applications.

ETS Systems also significantly help against smells and allergies like, asthma, hay fever, and similar by removing typical allergens from the indoor air.

We support you in choosing the right ETS Air Purification System based on your individual needs.

Test note: Tests were conducted with H1N1 and H3N2 viruses since SARS-CoV-2 viruses are generally not available as deactivated test viruses. H1N1, H3N2, SARS-CoV-2 are classified as RNA viruses with the same structure. The bacteria used for the certification tests are DNA based. Photocatalytic Oxidation and Plasma Technology as used in ETS Systems destroy the hull, RNA and DNA of viruses and bacteria equally for any type of virus or bacteria to be found in the air. Hence the kill and removal rates as documented in the test results are valid and equal for any type of virus or bacteria.

With official biological and filter function report from two independent laboratories:



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SGS is the world's leading inspection, verification, testing and certification company.

Sale:



ETS Products Group

Berthaphil 4 Warehouse 2C, Civil Aviation Complex, Clark Freeport Zone, Pampanga 2023, Philippines

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