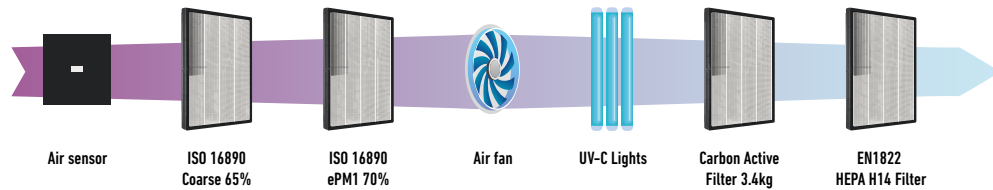


Air flow diagram



Sterilization & Filter System

The Coarse filter starts to retain up to 65% of coarse particles, bacteria's and virus according to the size.

With the ePM1 filter extra retainability capacity is added, as this filter enables to filter particles up to 70% with sizes PM1.

The HEPA H14, being the HEPA filter with most filtering capacity of its category, retains up to 99,995% of microorganisms and all particles.

Filters Certification

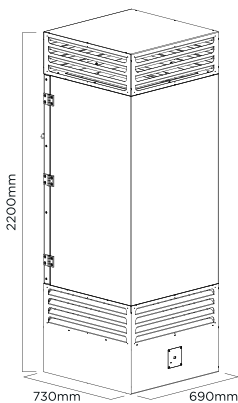
ISO 16890 Coarse 65%

ISO 16890 ePM1 70%

EN 1822 H14



Technical data



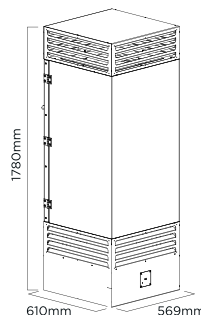
PURE M

Height 2200mm

Width 690mm

Length 730mm

Weight 300kg



PURE S

Height 1780mm

Width 569mm

Length 610mm

Weight 175kg

Machine power plug: CEE 7/7 - 2 meters of cable
Installation power socket: Type F socket

Protection of the machine's main circuit: Differential 2P, 25A, 30mA
Machine power consumption: PURE S 860 Watts / PURE M 1650 Watts - 230V AC - 50Hz



A breath of fresh air Built for cleaner and safer working spaces

Applications

Offices / Restaurants / Stores / Supermarkets
Hospitals and Clinics / Gyms / Hotels / Schools
Laboratories / Retirement Homes / Residences

High performance smart air sterilizer and purifier

AVAILABLE
IN 2
SIZES

PURE S **PURE M**

1070m³/h
CADR

147m²
Effective coverage

3400m³/h
CADR

467m²/h
Effective coverage

CADR (Clean Air Delivery Rate) is the international standard for measuring the effectiveness of air purifiers. MTEX PURE has been designed for businesses and public spaces. It comes in two sizes, the PURE S, effective up to 147m² and PURE M, effective up to 467m².

Inbuilt screen for custom content

Do you have a restaurant?

You can advertise here your menu, wines or special promotions

Do you have an Hotel?

Advertise some special leisure programs to your guests

Do you have a store?

Inform your customers about special campaigns you have to your customers

It also allows real-time measurement of temperature, humidity and particles sizes density using a small board, solely dedicated to greater precision. The communication between the control board and the sensing board is carried out via the UART protocol.

PURE air sterilizer is prepared to allow the control, validation and confirmation of all the performed processes through a dashboard, and integration with other existing software through an API.

Cleancare is a web platform developed to interact with any PURE machine.

'Under the hood' Tech & API



**Your space.
Your Air.
Sterilized.
Purified.
Just breath.**

A light of UVC safeness

Smartly sterilize and purify your surrounding air through the combination of the inbuilt filters and UV-C system.

PURE will ensure all the air you breathe is virus-free and clean, eliminating airborne infections or allergens.

Instant and precise response to air quality changes

With an high quality sensor detects PM1, PM2.5 and PM 10 particle concentration in the air, allowing for real-time readings. This enables MTEX PURE to automatically choose the best settings for your space

Technologies compared

Ionizer

Air quality improvement

Eliminates environmental dirt by electrostatic action

Suppresses airborne particles to cause them to fall

Emits negative ions

Ozone

Air quality improvement

Eliminates environmental dirt by gas action

Desintegrates airborne particles due to it's disinfectant effect

Emits ozone gas which can be harmful to human health

Purifier

Air quality improvement

Eliminates environmental dirt by mechanical action

Attracts airborne particles and retains them in its filters

No emissions at all

PURE

Sterilizer & Purifier

Air quality improvement

Eliminates environmental dirt by UV and mechanical action

Viruses and Bacterias killed by UV-C light

Attracts airborne particles and retains them in its filters