Inivos®

COMBI-1200 Sales Brochure

Providing cleaner air for homes,
businesses and care-critical environments

INV 1.2

COMBI-1200

MAKING CLEAN AIR A BREEZE

COMBI-1200 is an easy to use and effective mobile solution for air decontamination of high risk areas in hospitals and other clinical environments. The simple plug and play unit make it instantly operational without the need for complex user training.

The combination of tried and trusted HEPA filtration combined with the sterilising capabilities of UV-C light technology, the COMBI-1200 is a quick and highly efficient solution for air purification needs.

Air and Air Filtration

The air we breathe is responsible for the spread of microorganisms and as such, a common vector for the transmission of harmful pathogens that pose a risk of causing infection.

Several studies have shown that aerosols can spread the coronavirus. Smaller that 5µm, these particles can remain suspended in indoor air for up to three hours.

Maintaining good levels of indoor air quality (IAQ) is vital in minimising the spread of airborne infections that pose a serious threat to immunocompromised patients, staff and visitors within hospital and wider healthcare settings.

To avoid airborne transmission, several standards have been established to frame the hygienic air treatment, manage the risk related to patients, and reduce nosocomial infections.

COMBI-1200
PRODUCT OVERVIEW

Product Features

- Air flow up to 1200 m^3/h
- Smart sensor & touch panel
- Real-time air quality indicator
- 5-stage filtration system
- Lockable controls
- 3x operating modes
- 4x air flow speed settings
- Alarms for filters and maintenance

Performance

- Coverage: 60-100m^2

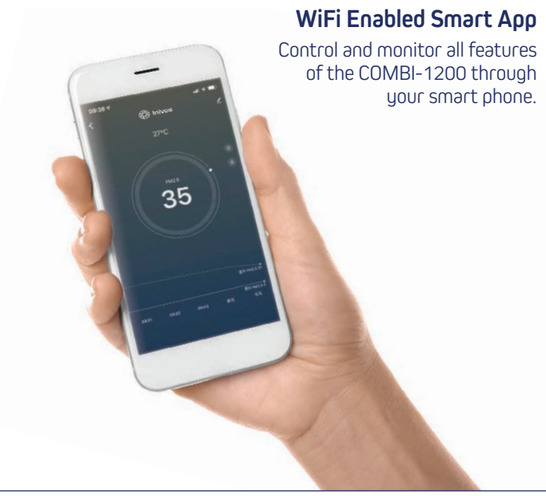
Product Components

1. COVER
2. AIR OUTLET
3. UPPER SIDE PANEL
4. DISPLAY PANEL
5. LED INDICATOR
6. LOWER SIDE PANEL
7. WHEELS
8. HUMIDIFICATION UNIT
9. ACTIVE CARBON
10. MOTOR
11. HEPA-13 FILTER
12. UV KIT
13. PRE-FILTER

The COMBI-1200 is a mobile air sterilisation unit that combines both UV and HEPA filtration to purify businesses and care-critical environments.

Its compact and elegant design adapts easily to the atmosphere of your space to provide a non-obtrusive solution to improving air quality.

Powerful UV light disinfection directly kills 99.99% of viruses and bacteria in the air without harming those around it.



WiFi Enabled Smart App

Control and monitor all features of the COMBI-1200 through your smart phone.

Ease of Operation

The COMBI-1200 operates as an easy to use plug-and-play air sterilisation unit with WiFi enabled smart app allowing for the COMBI-1200 to be monitored and controlled remotely, minimalizing the personal risk of entering an infectious area.

The COMBI-1200 will give real-time updates on air quality through the display panel or via the smart app linked to your device, ensuring that you can be certain of operational efficiencies.

The COMBI-1200 offers exceptionally easy mobility, allowing you to move the unit freely between areas ensuring that you are able to manage air quality in an evolving environment.

COMBI-1200
HOW IT WORKS

Air Filtration

1 PRE-FILTRATION ACTION: a pre-filter retains coarse particles.

2 CARBON FILTRATION: Highly efficient decomposition of formaldehyde, benzene, TVOC, ammonia, smoke and other strong odours and poisonous gases. Rather than catch particles, the active carbon filter absorbs odour-causing molecules from the air.

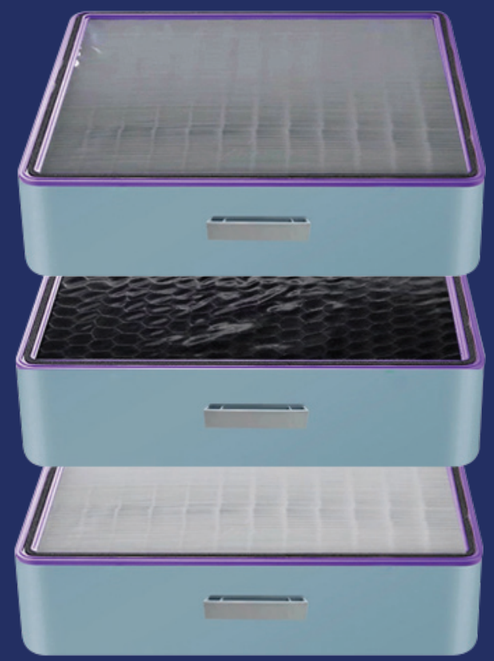
3 HIGH EFFICIENT FILTRATION: The 3-in-1 HEPA H13 filter removes up to 99.97% of all particles as small as 0.3 microns in diameter.

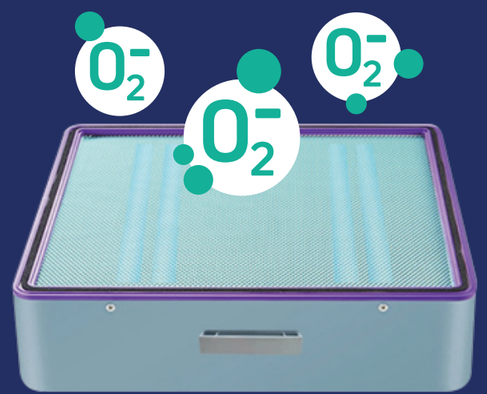
Humidification

4 IONISER: negatively charge air particles to keep them away from human respiratory system.

UV Light Sterilisation

5 Four UV-C lamps eliminate up to 99.9% of pathogens such as germs, viruses and bacteria from the air molecules that pass through it. UV-C application involves no chemicals and does not alter the composition of the air or water that it comes into contact with.





General Maintenance

CLEANING:

Clean using hospital detergent wipes.

PRE-FILTERS:

There are two air intake pre-filters inside the machine, they must be replaced every 24 months.

The pre-filters can be cleaned with compressed air every 3,000 hours, or according to the wear indicator on the machine. Depending on the level of dust in the room, do not hesitate to clean the pre-filters more regularly.

HEPA FILTERS:

The device includes two blocks of Activated Carbon & HEPA H13 filters, to be replaced every 6 months, or every 3,000 hours (wear indicator on the machine).

UV LAMPS:

This device includes a powerful set of UV-C lamps. These lamps should be replaced every 12 months or 9000 hours (as per indicator on machine).

Specification

AIR FLOW (m^3/h)	MAX 1200 m^3/h
AIR SUPPLY	360° AIR CIRCULATION SYSTEM
CONTROL & DISPLAY PANEL	SMART SENSOR & TOUCH PANEL (INCLUDES REMOTE CONTROL)
DIMENSIONS	390 x 400 x 950mm (L x W x H)
WEIGHT	22kg
FILTRATION SYSTEM	PRE-FILTER + ACTIVE CARBON + HEPA H13
HUMIDIFICATION	ULTRASONIC ATOMISATION HUMIDIFICATION
STERILISATION	UV RADIATION (254nw)
OPERATING MODES	INTELIGENT, MANUAL, NIGHT
SOUND LEVEL AT 2 METRES	<65 dB(a) @ 1200 m^3/h
POWER SUPPLY	220V / 50Hz
POWER CONSUMPTION	220W (UV on)
POWER CORD LENGTH	2m
MOBILITY	4 INTEGRATED WHEELS
FILTER CHANGE	EVERY 3000 HOURS (RECOMMENDED)
UV LAMP LIFE / REPLACEMENT	EVERY 12 MONTHS OR 9000 HOURS
WASHABLE PRE-FILTER LIFE	REPLACE EVERY 24 MONTHS

FOR MORE INFORMATION OR TO ORDER, PLEASE CALL +44 (0)845 270 6690 OR VISIT WWW.INIVOS.COM