

## CLEAN-AIR MEDICAL

is a system providing respiratory protection against infections transmitted by airborne particles (viruses, bacteria and droplet pathogens). It is recommended for use at health care facilities, especially infection clinics, air passenger service and rescue service. The system is designed to be easy to use and ready at hand.

### variant Clean-air Doctor

protects doctors, medical staff or other personell against the infection.

The protected person wears a hood and a belt-mounted respiratory unit which delivers the air through a high efficient HEPA-filter into the hood. The created positive pressure prevents the external contaminated air from entering the hood.



Components:

**Protective hood Doctor** – covers the complete head, has a large clear visor for perfect view and adjustable headband. It can be worn by people with glasses or a beard.

**Respiratory device** – consists of a waist-mounted lightweight blower and an air hose. The included echangeable Li-Ion battery allows quick recharging. After use the device can be cleaned by disinfection agents like formaldehyde or by ultra-sound.

**Filter** – HEPA filter captures solid and liquid aerosols incl. fine particles such as bacteria and virus. Filter efficiency is at least 99,99%.

TECHNICAL SPECIFICATIONS:	
Airflow:	180* -160 l/min (*with fully charged battery)
Weight of the blower incl. filter:	650 g
Weight of the hood Doctor:	280 g
Battery type:	Li-Ion
lifetime:	500 charging cycles
Operating duration:	4,5 hours
Ingress protection:	IP65
Certification:	EN 12941

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is a system providing respiratory protection against infections transmitted by airborne particles (viruses, bacteria and droplet pathogens). It is recommended for use at health care facilities, especially infection clinics, air passenger service and rescue service. The system is designed to be easy to use and ready at hand.

### variant Clean-air Patient

protects surrounding area against people who are suspected or have infection disease. (SARS, birdflu, etc.)

The wearer breathes in clean air and the system filtrates all exhausted air, thus it stops spreading the infection. The respiratory unit leads the air off the hood via a hose to the particle filter which removes airborne contaminants. Forced air circulation contributes to easy breathing and as well as the physical comfort of the patient.



Components:

**Protective hood Patient** – covers the complete head, has a large clear visor for perfect view and elastic band to fit all sizes. It can be worn by people with glasses or a beard. The colour is signal orange.

**Respiratory device** – consists of a waist-mounted lightweight blower and an air hose. The included exchangeable Li-Ion battery allows quick recharging. After use the device can be cleaned by disinfection agents like formaldehyde or by ultra-sound.

**Filter** – HEPA filter captures solid and liquid aerosols incl. fine particles such as bacteria and virus. Filter efficiency is at least 99,99%.

TECHNICAL SPECIFICATIONS:	
Airflow:	180* -160 l/min (*with fully charged battery)
Weight of the blower incl. filter:	650 g
Weight of the hood Patient:	170 g
Battery type:	Li-Ion
lifetime:	500 charging cycles
Operating duration:	4,5 hours
Ingress protection:	IP65
Certification:	EN 12941