



IN COLLABORATION WITH



NEGATIVE PRESSURE ISOLATION ENCLOSURE

CONSAB.COM



Consab is a leader in the design and construction of controlled environment such as negative pressure room. With a very wide expertise in this field of activity, **Consab** is offering an efficient solution to protect healthcare workers who are exposed to the **COVID-19**. The negative pressure isolation enclosure lowers the risk of contamination for workers and environment surrounding a contagious patient. It allows to contain the propagation risk by maintaining a negative pressure and providing an HEPA filtration system that meet actual recommendations as proposed by the *World Health Organisation* and the *Center for Disease Control and prevention*.

POSSIBLE USAGE

- Hospitalization and isolation of heavily infected or suspected patient by the COVID-19;
- Addition of access or exit ante-area to existing pressure negative room;
- Enhanced protection during high risk aerosol-generating procedures (intubation, resuscitation, bronchoscopy, palliative care, etc.);
- Creation of temporary treatment units outside of the hospital (arena, amphitheater, congress center, etc.).



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FEATURES

- Very quick installation and uninstallation : ± 2 h with a team of 2 ;
- Freestanding unit ;
- HEPA filtration (99,97% of 0,3 micron particles) on the exhaust , so a non-contaminated air is rejected into the surroundings ;
- Unit with a negative differential pressure of -2.5 Pa ;
- Adjustable exhaust flow between 12 and 55 air changes per hour ;
- Extruded aluminum frame with clear polycarbonate panels ;
- Installation requiring minimal tools ;
- Precertified filtration unit ;
- Electrical requirements : 1 standard 15A 120V outlet. Enclosure draws 3A ;
- 48" (1.22m) wide door on lift-off hinges ;
- Standard free interior dimensions : 8'6" (2,59 m) wide x 8'3" (2,51 m) high x 10'9" (3,28 m) deep.

OPTIONS

- Exhaust ducting to the outside to make the surrounding room in negative pressure ;
- Different configurations possible for layout, dimensions and exhaust/filter location ;
- Differential pressure gauge ;
- Possibility of removing the back wall to lay the enclosure against a room wall and use existing services (suction, oxygen, etc.).