

HEPA ZONE Specs 2011-06-29

**Portable work enclosure;
mounted on a mobile rigid platform, equipped with a HEPA filtered ventilation
system, to work in ceilings and walls under negative pressure.**

Enclosure :

- **The Cabin** is made of self-extinguishable vinyl i.e. the material will burn when subjected to flame, but will extinguish immediately the when source of the flame is removed.
- The top 63 cm (25") of the cabin will be made with 20-gauge transparent vinyl material.
- The overall dimensions of the unit will be 76 cm (30") wide x 152 cm (60") long, with an extendable maximum height of 305 cm (120") including platform and wheels. With the addition of the optional 122 cm (48") extension kit, maximum height will be 427 cm (168")
- A full perimeter zipper opening, located at the top of the unit, enables the user to remove a ceiling tile to perform work in the ceiling cavity.
- Wall work will be performed through a 142 cm (56") wide opening on the side of the unit, fastened by zippers. This opening can run the full height of the enclosure and will be adorned with 25 cm (10") flaps on the side and bottom of the opening. This ensures that all dust and particles generated by work application do not escape the enclosure.
- **Top & Bottom Frame Attachment :** The cabin is attached to the top frame and base by Velcro strips to increase the overall strength of the enclosure. The improved cabin with Velcro strips, overlap the gasket at the top frame protecting it from wear and tear.
- **Heat Sealed Vinyl:** The seams of the vinyl cabin are heat sealed instead of sewn. This minimizes dust accumulation on the interior vinyl.
- **Pouch:** A 41x51 cm (16"x20") vinyl pouch has been added to the external wall to display warning signs or any other documents conveniently.
- **Instructions :** Operating instructions are sewn to the outside wall of the enclosure.
- **Numbers :** Each enclosure bears a highly visible number, for traceability on worksites.
- **Two Access Panels :** Two 63 cm (25") zippered openings in the transparent vinyl at the top of unit will allow introduction of tools, wiring, pipes, ceiling tiles, or any other small object necessary for the application.

Structure:

- The enclosure's mobile platform is 76 cm (30") wide x 152 cm (60") long. The entire platform is aluminium and powder coat painted security yellow. Anti-skid finish is applied to the floor for safety purposes. An 8 cm (3") inch ridge runs the perimeter to prevent accidental solid or liquid spillage from escaping the enclosure. The 5 cm (2") evacuation drain is used to evacuate cleaning solution when decontaminating the unit after use.
- The platform is mounted on four 13 cm (5") industrial wheels, all of which have brakes.
- A detachable handlebar, mounted above the fan-filter unit, is used to push the enclosure.
- 4 extendable ratcheted poles, located on the exterior of the cabin corners, raise the enclosure to the desired height.

Negative Pressure:

- The enclosure is put under negative pressure with a HEPA Fan-Filter Unit installed on the ridge of the platform. A pre-filter protects the HEPA filter from large particles.
Capacity: 73 L/S (155 cfm)
Noise Level: 46 dB
6' hospital grade power cord
120/1/60

Options:

- Power Pack: installed on the underside of platform, will run the HEPA Fan-Filter Unit for 7.5 hours without the use of extension cords.
- 122 cm (4') Extension Kit: brings the maximum height of the enclosure from 305 cm (10') to 427 cm (14').
- Protective Cover: to keep the enclosure clean during storage.