

Pass Through Hatch Brochure

With a number of standard sizes, either floor mounted for use with trolleys or wall/bench mounted, Our units are made to order so any specific size or design is available without the international shipping delays.

The Cleanrooms Australia Pass Through Hatches range is simple, sturdy efficiency at its best. Designed and constructed in Australia for the Australian market, attention has been paid to critical factors, with the result being a product with strength, longevity and serviceability. The units are competitively priced against international suppliers. They come in a wide range of models and, because they are manufactured locally, any size variation can be accommodated. When heavy loads need to be considered the units can be matched to our tote trolleys to minimize the chances of OH+S injuries. These simple, easy to use, pass through hatches have the added benefit of a short manufacture and delivery time to minimize the added cost of restricted production.

As both doors are mechanically interlocked the self-closing feature eliminates any confusion that may be caused by one door being left open.

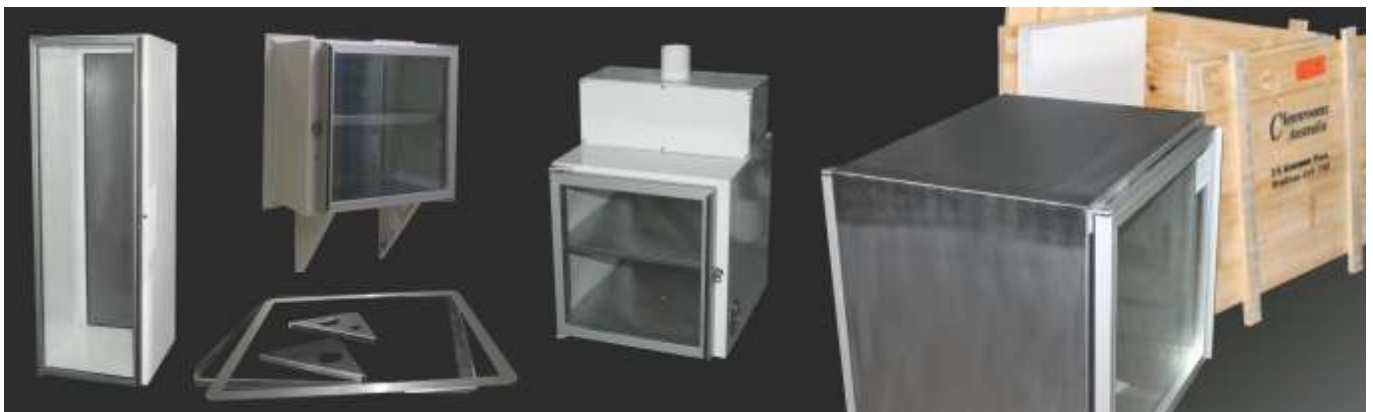
These units are built to increase efficiency while retaining, cross contamination integrity.

Standard construction

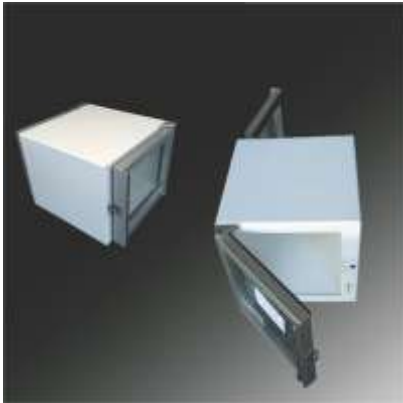
- Our units are manufactured to order and are size variable for any purpose
- 2 mm steel construction for strength and durability
- 2 part Epoxy finish
- 445m2 S/Steel (316 magnetic alternative) No:4 Brush Finish, Mechanically interlocking doors for failsafe operation, S/Steel mechanism for years of service
- Electro-magnetic interlocking, with illuminated push button door release and power on light, with remote transformer if required
- Doors are fitted with Magnetic door seals to ensure perfect sealing even in a power failure situation
- Doors are double glazed with alloy surrounds for easy cleaning, and great vision into the box
- Doors have adjustable torsion bar closing devices for operator free closing

Optional extras

- Installation Kit=2 x 50mm dressing surrounds, with rounded corners, 2 x 300mm angle brackets, with two wall bolt holes 10mm in each bracket
- Full 445M2 No 4 Brush Stainless Steel construction
- Hepa Bleed air.30L/s 100mm spigot
- Stainless steel wire or tray shelving
- Lead lined boxes and doors (in conjunction with Radiation Services)
- A constant bleed through, either from room pressure or from clean air supply, is available
- Stainless steel OH+S Trolleys with product rails (for use with heavy materials) OH&S requirement



Pass Through Hatch Models



Standard Pass Through Hatch:

The most popular & cost effective model of our pass through hatches can be manufactured of steel or stainless steel. The boxes come mechanically interlocked as a standard. This model comes with:

- Torsion bar closing doors to ensure door closed and seal
- Double glazed doors for superior vision of the box contents
- Magnetic door seals to hold air pressure even in our power failure situation
- Size variable for any purpose
- Australian manufactured for shorter delivery times
- Australian manufactured for a local market with local support



Bleed Through Pass Through Hatch:

Based on the principle of clean air decontamination, This model is connected to the house clean air supply (hvac) allowing product entering or being discharged from the hatch to be continually washed at a set rate, minimising the level of possible contaminants entering the clean zone. This is particularly useful when preparation areas have a variable contaminant level & decreases cross contamination or particulate contamination in the cleanroom.

This range has all of our standard pass through hatch features. With the addition of:

- House clean air supply



Terminally Filtered Pass Through Hatch (HEPA Filtered):

The terminally filtered pass through hatch is specifically designed for use in environments where protection is important for operators as well as the product (eg. In cytotoxic rooms). With the highest level of contamination control.

Hepa filtered air washes through the pass through hatch maintaining a positive pressure that exhausts into the 'dirty' area to minimise the chance of biological or particulate contamination into the cleanroom.

These units come with the features of our standard and our bleed through pass through hatches with the addition of: Terminally mounted HEPA filter.



X 20 Radiation Special Pass Through Hatch:

These hatches are specifically designed and constructed to be used in conjunction with a room installation of an X 20 standard.

These pass through hatches have been successfully installed when x-ray or hot works areas are required.