

Clean Tent

The worlds most portable cleanroom

- Easy installation
- ISO 5/ Class 100
- Gowning room
- Low capital cost

Clean Tent is an innovative design concept in cleanroom technology.

Intended for users that require temporary cleanroom facilities, a disaster recovery plan, clean storage, training facilities or portability.





Construction. A ground sheet made from anti-static reinforced Tryoll to create a tough durable base unit.

The one piece top tent comprises two compartments: an entry airlock/ gowning room and the main work cabin which is contained within a high quality PVC envelope, making good use of ambient lighting.

Positive pressure is provided by fan / filter units mounted at work station level on the work cabin gable wall.

Air system. The Moorfield fan filter units (FFU) all contain a HEPA ISO 5 compliant filter and pre filter this simply runs on a 240v standard mains plug.

The FFU is controlled by a variable speed rotary dial. The fan can provide up to 1100 m³/hr through the filter at the industry standard 0.45 m/sec face velocity.

The air system works on horizontal laminar flow principles, exhausting through user controlled zip vents in both the work cabin and gowning room.

Options include: Pass through facility, hard flooring, emergency UPS or pole structure, step over bench, cleanroom work station benches, flight case, installation and accreditation.

CT1700

Footprint. 6100(L) x 3650(W) x 2150(H)
Gowning room. 1200(L) x 3650(W) x 2150(H)
Work cabin. 4900(L) x 3650(W) x 2150(H)

CT750

Footprint. 4250(L) x 2500(W) x 2150(H)
Gowning room. 600(L) x 2500(W) x 2150(H)
Work cabin. 3650(L) x 2500(W) x 2150(H)

CT675

Footprint. 3650(L) x 2500(W) x 2150(H)
Gowning room. 600(L) x 2500(W) x 2150(H)
Work cabin. 3050(L) x 2500(W) x 2150(H)

Electrical:

fan 280W, 230vac 50Hz standard. Supply 5A, 230vac 50Hz single phase 3 pin plug.

HEPA:

H14. Vmax at face = 0.45 m/sec Life approximately 5 years in lab conditions with continuous fan

Pre-filter:

G4. Life approximately 3 months in lab conditions with continuous fan.

Fan:

M.T.B.F. full speed 20,000 hrs continuous

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