

Tornex Panel
Effective Smoking Area Control



Modular, flexible, solution for open plan smoking areas

The Tornex Panel particularly suits open spaces such as airport concourses, lobbies, break-out areas at conference centres etc. The system is modular and therefore very flexible in terms of size and design. The “open” aspect promotes communication whilst protecting non-smokers.

Product Description

The Tornex Panel Negative Pressure Control system separates smoking areas from non-smoking areas by employing "air curtains".

Tobacco smoke is absorbed through clean panels, purified by electrostatic collectors, and then released as cleaned air back into atmosphere. This flow of air is regulated so that negative air pressure is always maintained inside the area.



Features (per clean unit)

- **Pre-Filter** - A fine mesh removes visible dust
- **Electrical Dust Collector (EDC)** – Electrically charges the smoke and other particles and catches them with a polarised board.
- **Deodorising Filter** – Activated Charcoal filter purifies the smoky air and reduces smells.
- **Twin Centrifugal Fans** – Connected to direct drive electric motors to draw air through the 3 stage filtration system

Service & Maintenance

All Tornex installations require regular maintenance for optimum efficiency, Tornex recommend a full after-sales service contract.

Maintenance frequency is dependant on the number of smokers; number of cigarettes smoked and air circulation.

Tornex will advise of the appropriate frequency after the first service.

Options

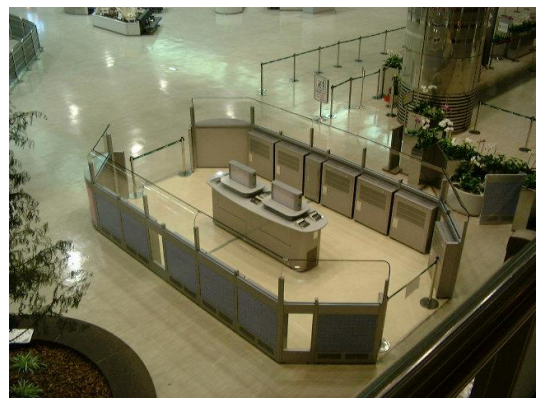
- Ashtrays & Bins
- Air-stream boards
- Advertising panels

Advertising

Another key benefit is the appeal of advertising space. The units can generate significant revenue through the leasing of space on the unit panels. Areas situated in the retail sectors of airports have noticeably boosted sales

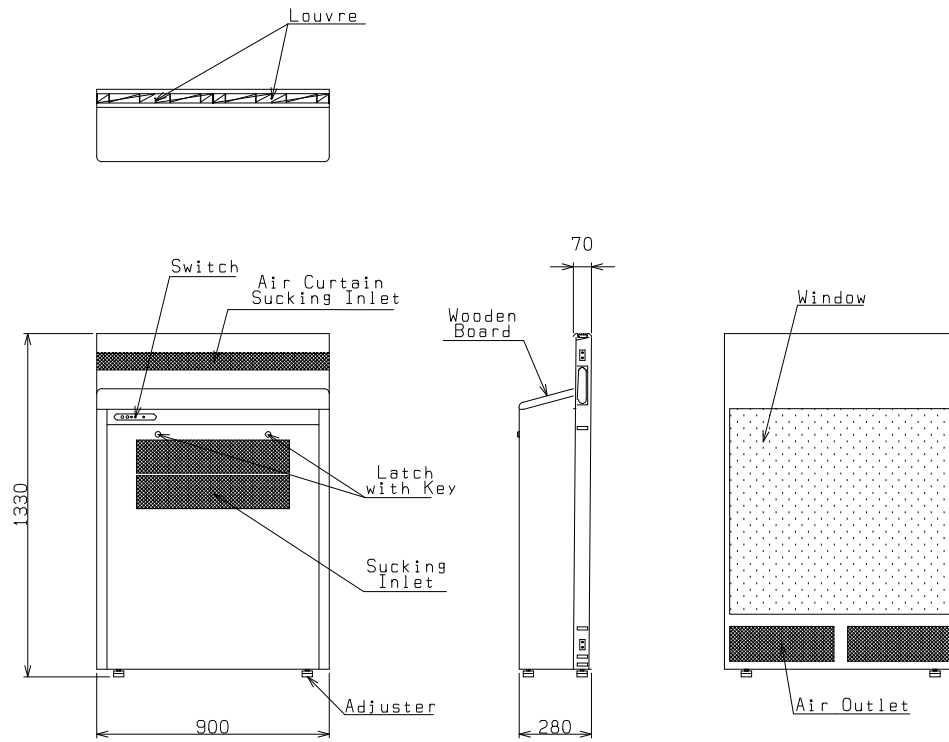
Specification

Tornex Panel (Clean unit)	CE	
Dust Collection Efficiency (DOP Method)	96% (0.8um) / 94% (0.3um)	
Capacity (M ³ /min)	High 15	Low 12
Standard Capacity	4 Persons (per clean unit)	
Electrical Supply	240v / 1 / 50Hz	
Electrical Consumption	170W	140W
Pre Filter	SUS 24 Mesh	
EDC	2 Stage Electrical Dust Collector	
Deodorising Filter	Charcoal	
Material	Steel Body	
Dimensions	W900 x D280 x H1330	
Weight	Approx 71Kg	



Technical Drawings

Clean Unit



Air Curtain Panel

