



AIR Intelligence

PipeCAD™—The AIR-Intelligence Aspirated Smoke Detection System Modeling Program

PipeCAD™ is a Computer Aided Design tool that is used to model the aspirating smoke detector and sampling pipe network and predict performance.

Pipe networks can be easily and simply drawn onto a 'snap grid' in either two or three dimensional formats as needed using simple easy to use design tools.

Once the sampling pipe network has been defined, performance characteristics can be adjusted to provide optimum results to suit site conditions and/or specification requirements.

Approvals

Approved/listed by cULus and FM. Other major North American certification agency approvals in process.



Key Features:

- Import .dxf building outlines.
- Choose fixed hole sizes or best flow balance to suit site performance requirements.
- Selectable 3D isometric or 2D plan views.
- Tee pipe 'spurs' supported to suit most sampling pipe networks and retrofit applications.
- Selectable Print format for full calculation report or individual pages for each pipe.
- Pipe Toolbar simplifies basic tasks such as adding or deleting sampling holes, etc.
- Adjustable sampling pipe sizes to suit a range of installation materials.
- Automatically generated bill of materials.



Minimum PC Specifications

Operating System	Windows™ 95, 98, 2000, NT or XP
Processor	Intel Pentium 133 Mhz
Memory	16 Mb RAM
CD ROM	4x speed
Hard Disk Space	10 Mb

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Applications

- Aircraft Hangars
- Airport Terminals
- Anti-Smoking Enforcement
- Atria
- Cable Tunnels
- Ceiling Voids & Raised Floors
- Cleanrooms
- Coal Conveyers
- Computer Cabinets
- Computer Rooms
- Corrections Facilities
- Electronic Data Processing (EDP) Centers
- Engine Rooms
- Escalators
- Flour Mills
- Food Preparation Areas
- Freezer Warehouses
- Heritage Buildings
- High-End Residential
- Hospitals
- Hotel Lobbies
- Metro Tunnels
- Museums
- Paper Mills
- Record Storage Facilities
- Recycling Centers
- Semiconductor Fabrication
- Telecommunications Facilities
- Textile Areas
- Tobacco Plants
- Warehouses and Distribution Centers
- Wood Recycling

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