

Casing Mounted Fire Door

Saino™ Model 50000

Applications

Pharmaceutical
Cleanrooms
Industrial
Processing Plants
Institutional
Food Processing
Warehouse
Climate Control

Environment

Personnel
Interior
Exterior
Loading Dock

Traffic

Forklifts
Motorized Pallets
Pedestrian

Options

Single Slide
Center Parting
Vision Lite
Pass Door(s)
F1900 Operator
Monorail Cutout
Locking Devices

Certifications

UL Labeled

Designed for Pharmaceutical and Industrial Applications

Casing mounted fire doors are an excellent choice for applications with high usage and where appearance is important. The Casing mounted design provides adequate spacing on both sides of the panel to install surface mounted hardware for handicap access while allowing a portion of the weight of the door to be transferred to the floor. Standard features include a 20 minute to 4 hour rating, low headroom track system, concealed binders and full perimeter gasketing.



Panel Construction

Ruggedly constructed with 12 gauge welded channels and 18 gauge surface welded face sheets. Standard core material is fiberglass. A 14 gauge perimeter capping channel encloses the panel and eliminates surface mounted fasteners. The Pre-mounted casing system reduces installation time and improves the sealing capability of the door system. Pass door panic devices can be mortised for use on the wall side of the fire door, allowing for double egress. The standard door ships galvanized prime painted, with stainless steel finish available upon request.

Hardware and Track

All hardware is UL listed and labeled. The 50000 is equipped with a standard weight type closing system, 7 gauge header casing and STEL track system. The STEL track system is an excellent alternative for low headroom applications. This door system is designed to provide years of trouble free service in high frequency applications. Like all Saino fire door systems, the 50000 can be motor operated.

Manual or Power Operation

Traditional fire door systems are designed to close and remain closed when activated. Saino model 50000 is available with the F1900-PLC. The F1900-PLC fire door system automates the door for everyday use and ensures that the system remains operational at all times. In addition to the activators provided with the operator, the system can be connected to a central alarm system, providing an added level of safety. The Model F1900-PLC is equipped with a battery backup system, which keeps the closing system functional in the event of a power failure or fire condition.



STEL Track
Hardware

Saino™ Model 50000

Product Details - Specifications and Drawing

PART 1- GENERAL

1.1 SECTION INCLUDES - Horizontal sliding fire door systems.

PART 2 – PRODUCTS

2.1 MANUFACTURER – Sliding fire doors are to be Model 50000, 50001 as manufactured by Chase Industries, Inc., Cincinnati, Ohio.

2.2 DOOR COMPONENTS – Doors shall be made in modular sized panels, each panel being fabricated using a framework of 12 ga. channels welded at the corners with cross members not more than 48" on center. Face sheets shall be a minimum of 18 ga. steel and shall be welded to the framework around the perimeter. Panels shall be insulated with fiberglass insulation filling the space between the cross members. Perimeter gasketing shall be furnished as standard. Panels shall be connected with an interior "H" column with a cover plate. A heavy gauge perimeter channel shall enclose the door with no visible face screws.

2.2 DOOR FINISH – Doors shall be galvanized prime painted with a high quality gray rust resistant paint, galvanized or stainless steel.

2.3 HARDWARE- UL labeled hardware shall be furnished with the door and shall consist of 7 ga. track, ball bearing 3-1/8" diameter wheels with adjustable upthrust rollers and 7 ga. track brackets. The track and brackets shall mount on a pre-engineered header casing with two jamb casings furnished. A closed end trackhood shall be furnished.

2.4 CLOSING SYSTEM – Doors shall be furnished with a weight type closing system with 18 ga. weight box (or UL labeled Reel type closing system). Thru wall link hardware will be furnished.

2.4a ALTERNATE CLOSING SYSTEM – An electronic closing system is available. Model F1900 High Speed Closing System is recommended.

2.5 OPTIONS – Controlled speed closing, visions panels, crush plates, trackhood, pass doors, door locks, and stainless steel hardware.

PART 3 – EXECUTION

3.1 INSTALLATION – Install doors in accordance with Chase Doors installation instructions and standards.

