

# FD Series

**FIRE DOORS**



*superior product + recognized value*

**JanUS Door Sure-Set™ fire doors** are manufactured to the stringent qualities of full duty service doors, yet easily meet the most current fire protection standards. Operational choices include three fail-safe motor operated systems and a standard chain hoist system. JanUS Sure-Set™ fire door systems may be easily and repeatedly drop tested and reset from the floor with no tool or equipment requirements. The service durability, simplicity of ownership and proven fire protection make Sure-Set™ fire doors a logical choice for informed design professionals.



JanUS Sure-Set™ fire doors feature UL and ULC labels for standard and oversized openings and may also be S Labeled for air and smoke infiltration. These fire protection systems are demonstrated and tested for full compliance with UL and NFPA-80 standards both in our plant and at testing facilities for reliable activation, drop speed, repeatability and endurance. JanUS Sure-Set™ fire doors are manufactured under a follow-up inspection agreement with Underwriters Laboratories that verifies production processes and materials specifications. The strict nature of testing, manufacturing and inspections makes the resulting labels valuable proof that only the best designs will meet with today's fire protection demands.

JanUS Door burn tests all fire protection products for up to four hours at the Underwriters Laboratories facilities in Northbrook, Illinois. The test doors are exposed to sustained temperatures of up to 2000 degrees Fahrenheit, and are then removed, red hot, from the oven and subjected to a tortuous fire hose test lasting several minutes. During the entire process, the door must completely protect the opening and not fail at the floor, header, jambs or opening.

*A Sure-Set™ fire door undergoing a 4 hour endurance burn test.*

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### The JanUS Chain Hoist Governor Fire Door

JanUS Door has raised the bar for entry-level fire protection with the Model FD30CH. This rugged, gear reduced chain hoist system is designed for everyday use and features a truly remarkable governing system capable of handling fire door sizes to 256 square feet and beyond. As simple to install and own as a chain hoist driven service door, the FD30CH fire door system is capable, reliable and will meet your every expectation.

#### *The new standard of stand-alone or integrated fire protection*

- Labeled for up to four hours of protection
- UL and ULC standard and oversized labels
- Labeled for face of wall or between jambs construction
- Chain hoist operation
- Steel gear reduction
- Efficient, adjustable centrifugal governor system
- Floor level drop test and reset
- Simplified installation and service designs
- Basic package includes three fusible links
- Upgradeable to fail-safe operation with a simple release device
- Upgradeable to motor operation quickly and reliably
- Service door construction and durability
- May be specified as a stand-alone fire alarm control panel.
- May be specify as an integrated unit to existing FACP
- Available in four standard paint finishes, 188 ColorFast™ powder coat finishes and stainless steel #4 finish



*Model FD30CH*

## JanUS Motor Operated Fire Doors

*Label Sized Doors: Doors to 12'x12'*

### Model FD30CL Fail-Safe Motor Operated Fire Door

The FD30CL is a fail-safe, logic based operating system suitable for application to label sized openings. This system may be activated by internal heat detectors, smoke detectors or the building fire detection system. It features a continuously charged battery backup to eliminate nuisance drops during temporary power outages.

#### **Features:**

- Fail-Safe design and operation
- UL and ULC Labeled
- For use with detectors as stand-alone FACP or integrate to building FACP
- Floor level test and reset
- Preset time delay before closure
- Full duty, chain reduced motor
- Limit switches are driven, eliminating resetting
- Integral heat detectors
- Standard battery backup
- Centrifugal governor
- Service door construction and durability
- Four standard paint finishes, 188 ColorFast™ powder coat finishes and stainless steel #4 finish



FD30CL Operator

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# FD Series

## FIRE DOORS

### Label Size and Oversized Doors

*Fire Door sizes to 30' wide x 20' high*

#### Model FD30CC Fail-Safe Motor Operated Fire Door

A fail-safe, logic based gearhead operating system. This system may be activated by internal heat detectors, smoke detectors or the building fire detection system. It features a continuously charged battery backup to eliminate nuisance drops during temporary power outages and is designed for continuous duty operation in large openings.

#### **Features:**

- Fail-Safe design and operation
- UL and ULC Labeled
- For use with detectors as stand-alone FACP or integrate to building FACP
- Floor level test and reset
- Preset time delay before closure
- Full duty, gear reduced motor
- Limit switches are driven, eliminating resetting
- Integral heat detectors
- Standard battery backup
- Electric pulse governor
- Service door construction and durability
- Four standard paint finishes, 188 ColorFast™ powder coat finishes and stainless steel #4 finish



*FD30CC Gearhead Operator*

## JanUS Motor Operated Fire Doors

*Fire Door sizes to 30' wide x 20' high*

### Model FD30MK Fail-Safe with Auto-Set™ Motor Operated Fire Door

Utilizing a planetary gear reduction system and a dependable, time proven internal centrifugal braking governor, the FD30MK with Auto-Set is a true workhorse fire door operating system that is both simple and efficient. The convenience of floor level drop testing and reset is showcased with this system that handles the largest fire doors with ease. The system may be activated for closure by an alarm signal or by power failure. Reset is accomplished by simply pressing the open button.



*Model FD30MK operator with Auto-Set™*

#### **Features:**

- Fail-Safe design and operation
- UL and ULC Labeled
- Use with detectors as stand-alone FACP or integrate to building FACP
- Floor level test and reset
- Preset time delay before closure
- Full duty, gear reduced motor
- Limit switches are driven, eliminating resetting
- Optional battery backup
- Electric pulse governor
- Service door construction and durability
- Four standard paint finishes, 188 ColorFast™ powder coat finishes and stainless steel #4 finish

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## FIRE DOORS

### Each JanUS Door Sure-Set™ Fire Door Features:

- Labeled fire protection to 4 hours
- Floor level drop test and reset
- Full duty service engineering
- Weldable guides with upward expansion
- Guide service cutouts for ease and safety of service
- Structural steel construction
- Simple upgradeability and interchangeability of operational or detection/release choices after the installation
- Universal headplate designs for simplicity of operator installation
- Finish coated galvanized steel curtains and hoods
- Powder coated guides, bottom bars, headplates and components
- Structural half-hexagonal hoods finished to match curtains

#### Options:

- U.L. "S Label" with seals for air and smoke infiltration
- Finishes:
  - 4 paint
  - 188 ColorFast™ powder coating
  - Stainless #4
  - Galvalume
- Fail-Safe release devices
- Smoke detectors
- Alarm enunciators
- Voice enunciators
- Warning strobe lights



Enunciator and Strobe



Guide Service Cutout



Fail-Safe Release Device



*The JanUS Door Rolling Steel Division manufactures a complete line of commercial and industrial rolling steel doors, including medium duty service doors, full duty service doors, fire doors, insulated doors, fire shutters and counter shutters. Our doors are manufactured combining state-of-the-art equipment with time proven engineering standards to ensure the highest quality, reliability and customer satisfaction. Our three year warranty attests to our commitment to superior workmanship which stands behind each JanUS commercial door product.*

#### **WARRANTY**

The FD Series fire door and components are warranted to be free of defects in workmanship and material for three years. Springs are warranted for 20,000 cycles. Please visit [www.janus-door.com](http://www.janus-door.com) for full warranty details.



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