

Fyre-Tec H925 Series

3/4 Hour UL Listings

Features Include:

Available in larger UL approved sized than the stander Fyre-Tec single hung window. Four inch deep frame

Narrow site-line allows larger glass and daylight openings

Operable windows are self-closing in the advant of heat rise

Standard wire glass glazing material for 3/4 Hour rating

Optional ceramic glazing monolith or insulated glass units.

Structural, air and water infiltration performance ratings up to design pressure of 60 psi

Manufactured from galvanized cold rolled steel

Frame and inserts fabricated with corners mitered and secured by welding

Muntins integral (welded) to inserts

Snap-lock glazing retainers secured with machine screws in monolith glazed windows

Finished in weather resistant powder coating in eight standard colors or custom color

Subframe mounting systems supplied with all windows



HEAVY SINGLE HUNG

FYRE-TEC

STEEL WINDOWS



**Meets Requirements of
International Building
Code and NFPA-80**

- **Corridors**
- **Stairwells**
- **Lot Line Protection**
- **Fire Escape Protection**

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3-Part Specifications and CAD details available at
www.fyre-tec.com



SERIES H925 SINGLE HUNG

The Fyre-Tec heavy single hung windows offer 3/4-hour Underwriter's Laboratory rated protection. This larger single hung is designed and tested to be self-closing in the event of heat rise from nearby combustion. Ideal for inclusion in NFPA 80 and building code requirements for protective openings in rated walls.



FIRE RATING

Fyre-Tec fire window frames are listed by Underwriters Laboratories under the category of Door and Window Frames (GVTV). The standard used to evaluate the windows is UL 9, Fire Tests of Window Assemblies, which is a test standard inclusive of the test method described in ASTM 163, Standard Methods of Fire Tests of Window Assemblies.

DESIGN PERFORMANCE

All Fyre-Tec windows have been independently tested by a third party and meet or exceed AAMA standards for structural pressure, air infiltration, and water resistance infiltration. 3-part specifications and CAD drawings are downloadable from the Fyre-Tec Internet web site.

GLAZING OPTIONS

The Fyre-Tec H925 Series windows are available with a variety of UL rated glazing factory installed.

Glazings range from the basic wire glasses traditionally used for 45-minute rated windows to the newer clear ceramics that are now on the market, including some that are impact safety rated as well as fire rated.

Much larger UL rated lites, not requiring intermediate muntins, are now authorized using the clear ceramic products.

Many of the clear ceramics may be combined with traditional commercial glazing to make up insulated glass units. These may include tinted or low-E products, providing the aesthetics desired or the energy conservation required.

FINISHES

Prior to finishing, Fyre-Tec windows are thoroughly cleaned and subjected to a phosphate undercoat. The standard powder coat finish is available in eight popular colors and primer. Color matching is optional.

CONSTRUCTION

The Fyre-Tec single hung windows are constructed from galvanized roll formed steel sections with precisely mitered and welded corners, resulting exceptionally strong and long-lasting window.

True muntins, when required or desired, are notched and welded to the inserts, becoming an integral component, lending strength to the window.

The single hung windows operate with minimal effort assisted by heavy-duty spiral balances with integrated heat activated closure devices. Latching mechanisms secure the operating insert in the closed position.

INSTALLATION

Sub-frame system mounting kits are supplied with all windows. The sub-frame system is ideal for either retrofit or new construction. The window openings may be finished out prior to the installation of the provided sub-frame and window.

LABELING

All Fyre-Tec rated windows display a traceable, permanent stainless steel UL label specifying the rating for the window. Additionally, all glazing factory installed is etched with a permanent UL label to assure the customer and code officials that the product meets the requirement and the rating for the application.

