

LIFT/ROLL WINDOW

Hardware

Operating Assembly

Window sashes ride on carriages consisting of two sets of twin rollers mortised into the bottom of each moving sash. The sash is raised onto its carriage by rotating the operating lever handle 180°. Lifting gear connected to a tie rod transmits motion to the carriage, lifting sash. Based on G-U 933 or FFI Lift/Roll operating hardware.

Finishes: Internal carriage assembly (drive bars, wheel hub, shafts, rivets), lock kit, link rods, and connectors are zinc chromate coated steel or 304 stainless steel.

Lock face and edge stile cover are clear anodized (EV-1) or dark bronze anodized (EV-5) aluminum.

External guides and tracks are clear anodized (EV-1) or dark bronze anodized (EV-5) aluminum.

Egress: Properly-sized units meet egress requirements using standard hardware configuration.

Lever Handle

Standard handles are solid brass.

Finishes: Satin Nickel (US15), Polished Brass (US3), Satin Anodized Aluminum (US28).

Optional Hardware

Keyed locks.

Insect Screens

¾" x ¼" tubular extruded frames set in wood frame surround. Extruded frames in anodized bronze, mill finish aluminum or custom color painted aluminum. Mesh of 18 x 16 screen cloth held with vinyl spline, available in charcoal finished aluminum, mill finish aluminum, stainless steel or bright brass. Maximum width of screen mesh is 72".

Standard Configurations

X = Operable sash, O = Fixed sash, P = Pocket

OX OXXO OXO XP PXXP

Glazing

All glazing is per project specifications. Duratherm can accommodate most configurations and make-ups from ⅛" single glazed to a maximum of 1" security glass. Refer to the Glass and Glazing Guide in the Introduction section of this binder. Clear glass opening: Unit height minus 10¼". For clear glass width, contact factory.

Weather-Stripping

Doubled, continuous extruded silicone flap gasket set in rebate around the perimeter of the sash. Rotating the multi-latchpoint lever handle lowers the sash and compresses the weather-strip to ensure a tight seal.

Sizing

The minimums and maximums shown are intended as guidelines. For applications that exceed these ranges, please contact the factory for assistance.

General

WIDTH: Minimum: 36"
for OX configuration.
Maximum varies per
configuration.

HEIGHT: Minimum: 36"
Maximum: 66"

Egress

For OX configuration, equal-sized sashes.

Based on:

20" clear width

24" clear height

5.7 sq ft clear opening

Minimum unit width: 50"

Minimum unit height: 36"

To meet egress requirements:

At minimum unit width of: 50"
height must be at least: 56"

At minimum unit height of: 36"
width must be at least: 61"

Frame Depths

Standard frame depth: 6¼"
(OX configuration)

Minimum frame depth*: 6¼"

Maximum frame depth: 10"

