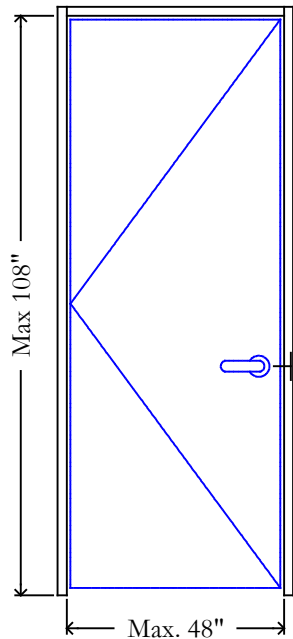




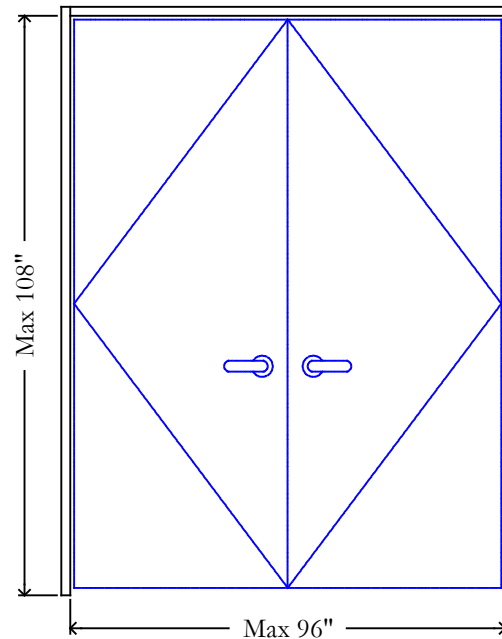
## Smoke Rated Openings

- \* Available for "Fixed" Throat frames only: 225, 350, 462, 487, 500, 525, 550, 612, 725
- \* Any Trim is acceptable | Frames can Wrap the wall or Abutt the Wall | Transom Frames are acceptable (Max Overall @ 144") |
- \* Sidelite on one or both sides is okay (MAX ht same as frames, MAX width Varies - confirm for any over 15'-0", recommend vertical every 4-5 feet)
- \* Single, Offset, Dual & Wide Pocket Glazing conditions are acceptable (note that Offset, Dual & Wide Pocket only in 487 series).

SINGLE



PAIR



**Raco Includes:**

- \* Fire Rated Vinyl Bulb gasketing at Door Stop
- \* Additional applied gasket at perimeter & between meeting pair leaves.
- \* Auto Door Bottom Installed in Glass Aluminum Doors or shipped loose with frames for use on Wood Doors (National Guard # 320S)
- \* Smoke Label on frame issued by Warnock Hersey/ Intertek

*SMOKE RATINGS COMPLY WITH UL1784 CODE & NFPA 2019 Codes & IBC 2021 Codes*

**PLEASE NOTE:**


Acceptable Hinges: 4-1/2" Std or Hvy Wt Hinges, 4" Std. or Hvy Wt Hinges, Elec. Hinges, Continuous Hinges.

Acceptable Lock: Std. Cylindrical Locks, Std. Full Mortise Locks, SVR Exit Devices, Mortise Exit Devices or CVR Exit Devices (less the bottom rod)

Concealed Closer: Only for use on 4-5/8" throat frames or larger (462 & up). LCN 3130 only with the body of the closer installed in the door (or inverted).

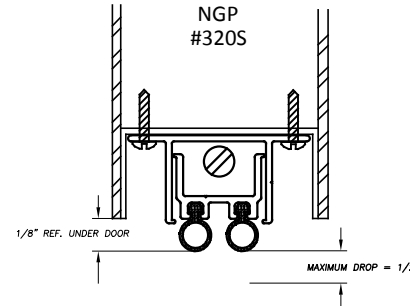
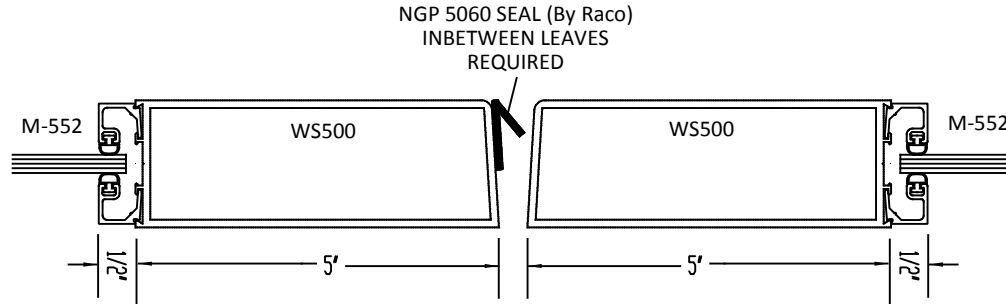
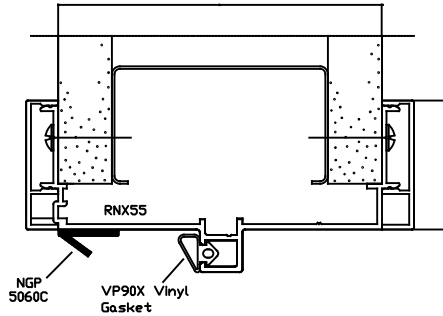
Additional Hdwe: Flushbolt (Auto or Manuel / Top only), Surface Mounted Closers or O/H Stops



## Smoke Rated Openings

**Smoke Ratings are not compatible** with the following Raco Product Lines: Raco Classic System, Raco Design One, Raco Flush Glazed.

**Smoke Rating are not compatible** with the following Conditions: Borrowed Lites, Corner Posts, Cased Opening, Adjustable Frames, Pocket Frames, Bifold Frames, ByPassing Frames, Offset or Flush Sliders or ALL Glass Doors.



Smoke Rates frames must have positive latching from the door to the frame on a single frame or from the active door leaf to the inactive door leaf (unless using SVR or CVR Exit Devices on both leaves).

Smoke Rated frames cannot be push/pull hardware, latching is required.

### Hardware that is NOT Compatible:

- \* Concealed Closers or Concealed O/H Stops (except as noted on previous page)
- \* Electro Magnetic Locks
- \* Pivot hardware / Rescue hardware
- \* Electric strikes / Electric Power Transfers
- \* Roller Latches or Magnetic Catches

### Raco Frame with Raco Glass Alum. Doors:

- Frames will carry the smoke label
- Door can be Wide, Medium or Narrow Stile.
- Raco installs the Auto Door bottom & the gasketing in-between the meeting Stiles.

### Raco Frame with Wood Door By others:

- Frames will carry the smoke label
- Wood Doors must be 20 Min. Positive Pressure Rated.
- Raco provide the National Guard 320S Auto Door Bottom, this must be installed in wood door to meet rating requirements.
- Raco will provide gasketing for meeting stiles, this must be used in order to meet rating requirements.