

25-R Series

Rim device

Panic exit hardware

The Falcon 25-R Series rim device meets the demanding requirements of high traffic installations with a single-point, rim type latch and a streamlined touch bar design. This device can also be electrified for maximum ease of use and accessibility.



299 Strike



2789
Dogging key



Cylinder dogging

Single door application

| Device | Door size | Door strike | Door stile (in) | Min door opening width |
|--------|-----------|-------------|-----------------|------------------------|
| 25-R | 3' | 299 | 4" | 2' 7 1/2" |
| | | 264 | 3 7/8" | 2' 7 3/8" |
| | | 1439 | 3 1/4" | 2' 6 3/4" |
| | | 1606 | 3 5/8" | 2' 7 1/8" |
| 25-R | 4' | 299 | 4" | 3' 1 1/2" |
| | | 264 | 3 7/8" | 3' 1 3/8" |
| | | 1439 | 3 1/4" | 3' 3/4" |
| | | 1606 | 3 5/8" | 3' 1 1/8" |

Double door application

| Device | Door size | Strike x mullion | Door stile (in) | Min door opening width |
|------------|-----------|------------------|-----------------|--------------------------------|
| 25-R | 3' | 299 x 2923 | 4 1/8" | 2' 7 1/2" |
| | | 299 x 4023 | 4 3/8" | 2' 7 1/2" |
| | | 264 x 2923 | 4" | 2' 7 3/8" |
| | | 264 x 4023 | 4 1/4" | 2' 7 3/8" |
| | | 1439 x 2923 | 3 7/8" | 2' 7 1/4" |
| | | 1439 x 4023 | 4 1/8" | 2' 7 1/4" |
| | | 1606 x 2923 | 4 1/4" | 2' 7 1/8" |
| | | 1606 x 4023 | 4 1/2" | 2' 7 1/8" |
| | | | | |
| 25-R | 4' | 299 x 2923 | 4 1/8" | 3' 1 1/2" |
| | | 299 x 4023 | 4 3/8" | 3' 1 1/2" |
| | | 264 x 2923 | 4" | 3' 1 3/8" |
| | | 264 x 4023 | 4 1/4" | 3' 1 3/8" |
| | | 1439 x 2923 | 3 7/8" | 3' 1 1/4" |
| | | 1439 x 4023 | 4 1/8" | 3' 1 1/4" |
| | | 1606 x 2923 | 4 1/4" | 3' 1 1/8" |
| | | 1606 x 4023 | 4 1/2" | 3' 1 1/8" |
| | | | | |
| 25-Vx 25-R | 3' | 1609 | 3 1/2" | 2' 7 5/8" for 3 1/2" Min stile |
| 25-Vx 25-R | 4' | 1609 | 3 1/2" | 3' 1 5/8" for 3 1/2" Min stile |

Specifications

| | |
|--------------------------------|---|
| Hand: | Non-handed |
| Finishes: | US3 (605); US4 (606); US10 (612); US11 (643e); US15 (619); US19 (622); US26 (625); US26D (626); US32 (629); US32D (630); US28 (628), 313AN (710) (see page 17 for finishes) |
| Strikes: | 299 strike standard (see page 15 for additional info) |
| Latchbolt: | Stainless steel, 3/4" throw |
| Deadlocking latchbolt: | Standard |
| Dogging feature: | Half turn hex dogging standard. No threaded parts to wear out. |
| Cylinder dogging: | Specify "CD" prefix. Uses 1 1/8" long mortise cylinder with standard cam. |
| Stock sizes: | See chart to left. Cut to size in the field. |
| Doors: | 1 3/4" thick, wood or metal. Specify thickness if other than 1 3/4". |
| Projections: | 2 3/4" maximum, 2" dogged. |
| Mounting height: | 40 1/4" from CL to finished floor. |
| Electric functions: | Can be interfaced with building security systems. Motorized electric latch retraction (fail secure only), FSA/FSE trim, security monitoring, delayed egress and exit alarm available. |
| Fasteners: | All mounting screws are concealed, sheet metal screws and machine screws standard. |
| Sex bolts: | Recommended when device is used with hollow core wood, composite or light gauge hollow metal doors. For EO device, specify 8 - 425 (#IO-24) SNB. For devices with trim, specify 2 - 425 (#IO-24) SNB. |
| ANSI: | Certified ANSI A156.3-2001 grade 1 standards. |
| Center case and working parts: | Center case is heavy wrought and sintered metal parts. |
| Shim kits: | For glass lite applications; 1/4" thick, specify SK25-RM. |
| 579 Strike retrofit kit: | Consult factory. |