

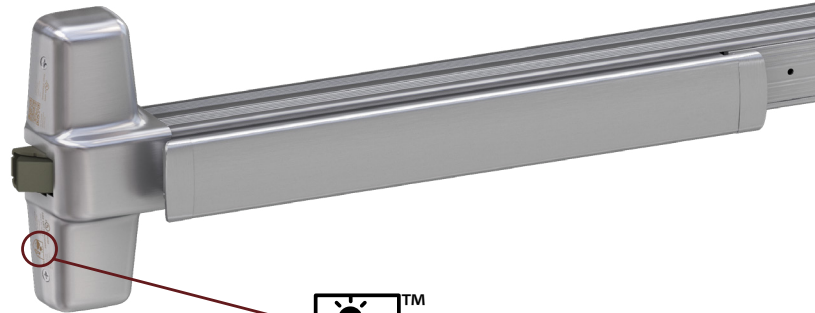
## Outdoor Defense

### Exit Device Option

#### OVERVIEW

**Allegion Outdoor Defense products are engineered to function in outdoor conditions and provide the reliability, quality, and function that you expect with Von Duprin®.**

Outdoor Defense (OUT) option for Von Duprin exit devices are designed to safeguard against moisture, temperature variations, and corrosion in exterior applications. Available for the popular 98/99 Series rim and surface vertical rod exit devices, this option is engineered to protect internal components and assemblies that are critical to exit device function and long life from moisture and the elements, as well as protect electronic features such as switches, latch retraction, delayed/controlled egress and alarm kits. Outdoor features and options available exclusively with the Outdoor Defense feature include waterproof switches and weep holes. Outdoor Defense products are designed to perform in outdoor applications such as courtyards, perimeter security, rooftops, and patios.



*Outdoor Defense*

## DESIGNED FOR WEATHER PROTECTION

Outdoor Defense products are warranted for environments within the parameters of the products testing conditions and elements. You can have peace of mind knowing that the exit device will function correctly when needed most.

In the absence of an industry approved certification for outdoor exit door hardware, Outdoor Defense products endure a rigorous series of tests (temperature, moisture, corrosion, and dust) to confirm the product functions as intended in outdoor applications and are warranted within these testing parameters.

## Product Testing Elements

- Temperature Range: -31°F (-35°C) to 151°F (66°C)
  - Evaluated per UL294 Section 81 Variable Ambient Test
  - Evaluated per UL1034 Section 34.2 Variable Ambient Test
- Moisture Resistance: Rain Tested at 4.8 gallons per minute
  - Per UL294 section 79
  - Per UL1034 section 53
- Corrosion Resistance: Salt Fog Tested per
  - UL294 Section 83.2 Salt Spray (5% salt concentration)
  - UL1034 Section 52 Salt Spray Corrosion Test (20% salt concentration)
- Dust Resistance: Dust Tested per
  - UL294 Section 80 Dust Test
  - UL1034 Section 54 Dust Test

## FINISHES



626  
Satin Chrome



622/711  
Matte Black

Specifications	
Prefix	OUT - Outdoor Defense
Series	Mechanical and electrified 98/99
Device Type	Rim, surface mounted vertical rod (98/9927)
Device Length	3' (2'4" to 3' [711mm to 914mm] Door Size) 4' (2' 10" to 4' [864mm to 1219mm] Door Size)
Rating	Fire exit hardware and panic hardware
Compatible Trim Functions	If compatible with models today, compatible with Outdoor Defense. See the 98/99 Series catalog for more information.
Electromechanical Functions	LX - Latch bolt monitoring RX - Request to exit QEL - Quiet electric latch retraction ALK - Alarm kit CX - Chexit delayed egress system CON - Connectors
Mechanical Options	CD - Cylinder dogging HEX - Hex dogging LD - Less dogging WH - Weep holes
Certifications	<ul style="list-style-type: none"> <li>• ANSI/BHMA A156.3 Grade 1 Certified</li> <li>• ANSI/UL 10C (fire-rated only)</li> <li>• ANSI/UL 305</li> <li>• CAN/ULC-S104 (fire-rated only)</li> <li>• CAN/ULC-S132</li> </ul>

Specifications and certifications are specific to each configuration. See the 98/99 Series catalog for more information.