

Outdoor Defense Frequently Asked Questions



Von Duprin leads the industry with durable solutions that are proven in the field to perform under heavy use and abuse. As the leader in security and safety, we understand the requirements for our solutions have expanded beyond the inside of a building. The Von Duprin Outdoor Defense products are designed for outdoor conditions while providing the reliability, quality, and function you expect from Von Duprin. Von Duprin Outdoor Defense products are tested to simulate environments with driving rain, high and low temperatures, and dust and debris. The following are guidelines for Outdoor Defense products.


- Proper installation and maintenance (inspection, greasing, etc.) of Outdoor Defense products is recommended. Proper installation of Outdoor Defense products is suggested to improve the overall performance and reliability of the product throughout its life cycle.
- The product is not designed to be sealed from water or debris, but the product is engineered to protect against these conditions in alignment with the testing parameters.
- Limiting the amount of direct exposure to elements (overhangs, canopies, etc.) will increase longevity of the product.
- It is recommended that products are inspected and cycled routinely.
- Proper installation and protection of auxiliary electrical connections is required (i.e. – power supplies should be protected in proper outdoor rated enclosures and connections made in alignment with local authorities having jurisdiction). Installers are required to have all electrical connections sealed and protected from exposure to the elements and are not part of the Allegion product warranty.
- As with any outdoor electrical products, products powered by batteries can have electrical performance impacted by temperature variation.

FAQ's

What is an Outdoor Defense exit device?

- The Outdoor Defense option is available and offers an **advanced engineering design** that protects internal components that are critical to exit device function (latching and functional components) as well as electronic features such as switches, latch retraction, delayed/controlled egress, and alarm kits from moisture, dust, temperature variation and the elements.

How do I know if I have an Outdoor Defense exit device?

- An Outdoor Defense Von Duprin exit device is designed to maintain the traditional iconic look of the Von Duprin exit device but provides the protection required to be used in outdoor environments. The device is provided with a laser etched icon, , on the cover and a visible difference in functional components of the product.

What environmental conditions can this product be used in?

- Outdoor Defense products are warranted and have been tested in conditions simulating driving rain (approx. 4.8 gallons a minute), high (151° F) and low (-31° F) temperatures, dust and debris. Specific testing and environmental parameters are listed below.

Existing Outdoor Defense Testing Elements

- 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

What is the difference between Von Duprin Pool Exit Hardware and the Outdoor Defense option?

- Von Duprin pool exit hardware was designed specifically to protect against a high-pressure bleach concentration utilized in some pool applications. The Outdoor Defense option has been designed to protect products in outdoor conditions including moisture, temperature changes, and corrosive environments.

Are there any changes in availability to current options or features offered on the 98/99 exit device?

- Yes, the waterproof switch and the weep hole features are now only available with the Outdoor Defense product. These features will not be optional and now only available in standard 98/99 and 33A/35A rim or surface vertical rod products without Outdoor Defense.

What options are available within Outdoor Defense?

- The Outdoor Defense option is available with several features and options of the 98/99 or 33A/35A exit device including the popular electro-mechanical exit device options for latch retraction, QEL, alarm ALK, and delayed/controlled egress CX.

Are electrical options available with the Outdoor Defense option?

- Several popular electrical options are available with the Outdoor Defense option. Latch retraction, QEL, alarmed exits, ALK, delayed/controlled egress, CX, and monitoring, RX and LX, are all available options.

If an Outdoor Defense exit is ordered, do I need to specify options to be Outdoor specific or will the product contain Outdoor features (ALK, QEL, etc.)

- If the Outdoor Defense option is chosen, the device features selected (QEL, ALK, RX, etc.) will default to the Outdoor Defense option.

What finishes are available for Outdoor Defense products?

- The initial finish offering for Von Duprin Outdoor Defense of satin chrome (626) and matte black (622). Additional offerings have been expanded to include dark brown (710), satin nickel (619), bright chrome (625), anodized aluminum (628) and satin stainless, (630).

Are service kits available for Outdoor Defense products?

- Evaluation of service kits and modular components for Outdoor Defense products is in process and anticipated to be extremely limited. Any service kit offered will be designed to provide the protection required in outdoor conditions that are within the testing parameters and will be different products (part numbers) than the standard 98/99 option kits. Warranty of Outdoor Defense devices is based upon original factory configuration and not through individual component or subassembly re-configuration after leaving the factory.

Are Outdoor Defense options available on non-Outdoor Defense devices?

- No, the Outdoor Defense options are only available for OUT selected devices.

What products are Outdoor Defense available on?

- Von Duprin Series: 33A/35A, 98/99
- Latching Configurations: Rim, SVR -27, CVR -47

When can we begin shipping orders for Outdoor Defense products?

- Rim and SVR Configurations of Outdoor Defense products are shipping now. CVR Configurations of Outdoor Defense products will begin shipping late July 2026.

Will Outdoor Defense products corrode?

- Components may exhibit some corrosion, discoloration, or wear over time depending upon severity of the environment. However, devices are warranted to maintain functionality throughout the warranty period. Reference Specific Exclusions on the Allegion Commercial Warranty document 015496.