

## Weatherproof product families

### Tough environments require tough solutions

Our broad offering of weatherproof products are designed for impact resistance, corrosion resistance, UV resistance and longevity in virtually any outdoor or indoor, wet or damp location



#### Deluxe weatherproof covers

Corrosion resistant diecast aluminum, self-closing design provides superior protection in wet and damp locations. Meets 2014 NEC® 406.9 (A) and 406.9 (B)(2).



#### Metal weatherbox while-in-use covers

Diecast aluminum construction with NEMA Type 3R rating, meets 2014 NEC® 406.9 (B)(1), and protects electrical connections while-in-use.



#### Non-metallic weatherproof covers

UL Listed for wet locations with cover closed these rugged covers resist high impact and sunlight. Meets 2014 NEC® 406.9 (A) and 406.9 (B)(2).



#### Watertight receptacles

Rugged design for while-in-use applications per 2014 NEC® 406.9 (B). Must be used with watertight plugs. Also meets "extra-duty" requirements.



#### Weatherproof switch cover

Provides protection for switching in wet or damp locations. Meets 2014 NEC® 404.4.



#### Weatherproof nylon covers

UL Listed for wet and damp locations, these rugged glass reinforced nylon covers provide protection for both straight blade and locking applications. Meets 2014 NEC® 406.9 (A) and 406.9 (B)(2).



#### Cast aluminum FS boxes

Powder coated finish for exceptional durability.



#### Weather protective boots

Provide protection from the elements for plugs & connector bodies ranging from 15 to 50A.

Compliances, specifications and availability are subject to change without notice.



**Wet locations for 15A and 20A receptacles**  
**NEC® 406.9**

The NEC defines wet locations as installations underground or in concrete slabs or masonry in direct contact with the earth; in locations subject to saturation with water or other liquids, such as vehicle washing areas; and in unprotected locations exposed to weather.

**NEC® article 406.9 (B)(1)** requires all 15- and 20-ampere, 125- and 250-volt receptacles installed in a wet location to have an enclosure that is weatherproof whether or not the plug is inserted. These receptacles must use a while-in-use cover.

**Applicable Arrow Hart products:**

WIU-1	WIU-1D	WIU-2	WIUMV-1	WIUMH-1
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**Wet locations for other receptacles**  
**NEC® 406.9 (B)(2)**

All other receptacles installed in a wet location shall comply with (B)(2)(a) or (B)(2)(b).

(a) A receptacle installed in a wet location, where the product intended to be plugged into it is not attended while in use, shall have an enclosure that is weatherproof with the attachment plug inserted or removed.

(b) A receptacle installed in a wet location where the product intended to be plugged into it will be attended while in use (e.g. portable tools) shall have an enclosure that is weatherproof when the attachment plug is removed.

**Applicable Arrow Hart products:**

WLRS1	7420CR	7770	20416D	S1952	S2966	S989
WLRS2	7420A	7788	WP1	S1954	S3966	S966
AH7879	5741NS	20446N	WP2	S2962	S992	S1966
7420	7420C	20416N	S1951	S3962	S994	S993



**Damp locations for receptacles**  
**NEC® 406.9 (A)**

A damp location is defined as a location protected from weather and not subject to saturation with water or other liquids but subject to moderate degrees of moisture. Examples of such locations include partially protected locations under canopies, marquees, roofed pen porches, and like locations, and interior locations subject to moderated degrees of moisture, such as basements, barns, and cold storage buildings.

**NEC® article 406.9 (A)** requires receptacles installed in damp locations to have an enclosure for the receptacle that is weatherproof when the receptacle is covered (attachment plug is not inserted and receptacle cover is closed).

An installation suitable for wet locations shall also be considered suitable for damp locations.

Therefore, all catalog numbers noted for compliance to 406.9 (B)(1) and 406.9 (B)(2) are also suitable for use in damp locations.

**Applicable Arrow Hart products:**

S1961	S1962
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**Wet or damp locations for switches**  
**NEC® 404.4**

A surface-mounted switch or circuit breaker in a damp or wet location shall be enclosed in a weatherproof enclosure, and flush-mounted switches and circuit breakers in damp or wet locations shall be equipped with a weatherproof cover.

**Applicable Arrow Hart products:**

S983	S984	S2983	S3999
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# Weatherproof receptacle covers

## Weatherproof covers for locking and straight blade receptacles

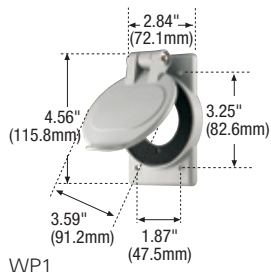
### Product description

Nylon covers for FS/FD boxes

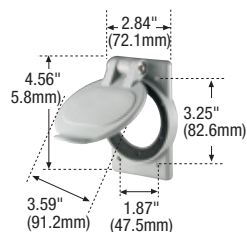
### Weatherproof nylon covers for 15A, 20A & 30A devices

#### Features

- UL Listed for wet locations (cover closed) and damp locations (cover open or closed)
- Meets 2014 NEC® 406.9 (A) and 406.9 (B)(2)
- Rugged, glass-filled nylon provides high strength and wide temperature range for long life in abusive environments
- Easy mounting on FS/FD boxes or equipment panels
- Self-closing lift lid cover with neoprene gasket and stainless steel spring provides weather-proof protection
- Universal mounting holes to accept all Eaton's 15 & 20A and 30A locking flanged inlets and outlets, receptacles as well as devices with similar dimensions from other manufacturers



WP1



WP2

### Glass-filled nylon covers

Description	Mtg. hole pattern	Color	Opening diameter	Catalog no.		
For 15 & 20A straight blade receptacles and 15A flanged inlets & outlets	2 holes 180°, 2.09" (53.1mm) bolt dia. circle	GY	1.75" (44.45mm)	□ WP1*	•	•
For 20 & 30A flanged inlets & outlets and 30 & 50A, 3-W straight blade receptacles	Two sets of 3 equally spaced holes: 3 holes on 2.5" (63.5mm) bolt dia. circle and 3 holes on 2.69" (68.3mm) bolt dia. circle	GY	2.25" (57.15mm)	□ WP2	•	•

\* Not CSA certified

## Metal weatherbox while-in-use weather protective covers

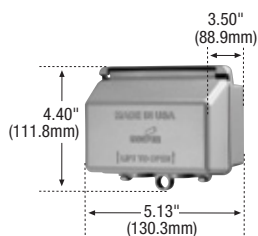
### Product description

Metal 1-Gang lockable cover boxes

### Metal while-in-use cover boxes

#### Features

- Meets 2014 NEC® 406.9 (B)(1) for receptacles in damp or wet locations for one or two family dwellings
- Diecast powder coated aluminum
- NEMA Type 3R rating
- Comes with gasket, mounting hardware, duplex receptacle insert and GFCI receptacle insert
- Lockable to prevent accidental disconnects



WIUMH-1



WIUM inserts

### Metal protective covers

Description	# of available config. using inserts	Color	Depth	Catalog no.		
Vertical mount	2	GY	3.25" deep (82.6mm)	□ WIUMV-1	•	•
Horizontal mount	2	GY	3.25" deep (82.6mm)	□ WIUMH-1	•	•

### Extra duty metal while-in-use protective covers

Description	# of available config. using inserts	Color	Depth	Catalog no.	
Vertical mount	2	GY	3.25" deep (82.6mm)	□ WIUMV-1X	•
Horizontal mount	2	GY	3.25" deep (82.6mm)	□ WIUMH-1X	•

### Color information:

GY (Gray)



(Gray)

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Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32