



FRANKFORD

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2022

**PRODUCT SHOWN: ECLIPSE® - 880ECU-MS-WHA**  
Mounted with **ECU-DP** Surface Mounting Deck Plate





PRODUCT SHOWN: GREENWICH - 454CAM-SR-PBA


FINIAL: DEFAULT - VF CHROME VERTEX

Mounted with 75S-MS Steel Plate Base







A close-up photograph of the wooden ribs of an umbrella, showing the texture of the wood and the way they are joined together. The ribs are arranged in a radial pattern, and the background is a soft, out-of-focus white.

*Frankford has been in the shade business for more than 120 years, providing superior quality umbrellas to the contract and retail industries. We are a dynamic and thriving company in the outdoor living industry, specializing in modern and traditional shade solution designs.*

*Known primarily for providing hotels, resorts, and restaurant chains with durable and long-lasting umbrellas, Frankford Umbrellas have become a staple in not only thousands of commercial settings throughout Canada, the United States, Mexico and the Caribbean but also countless residential settings.*

*The beauty, design, and superior elements of our umbrellas allow you to bring home the enhanced resort and dining experience, to your cherished outdoor living space. We use only the highest quality materials in manufacturing our umbrellas, and they truly are the best in the industry. We believe in providing our partners an exceptional product, at a reasonable price, with superior customer service.*

*Precisely crafted, our umbrellas are built to withstand the harshest conditions. Our procedures and inventory systems constantly evolve to ensure we meet all the expectations of our clients. Our ultimate goal is to exceed your expectations. This goal has generated thousands of long-lasting relationships with commercial and residential clients alike. So, while it is typically years before our customers need to return, they always do.*

*Whether you're a country club, resort and spa, or a family that enjoys your outdoor space as much as your indoor space, once you've experienced our umbrellas, and more importantly our personal commitment to satisfying the needs of our customers, we are confident you will become a customer for life. Find your perfect umbrella through one of our valued dealers or at a retail store near you.*

***We invite you to experience exceptional shade.***



**PRODUCT SHOWN: AURORA - 868ARU-MS-WHA**

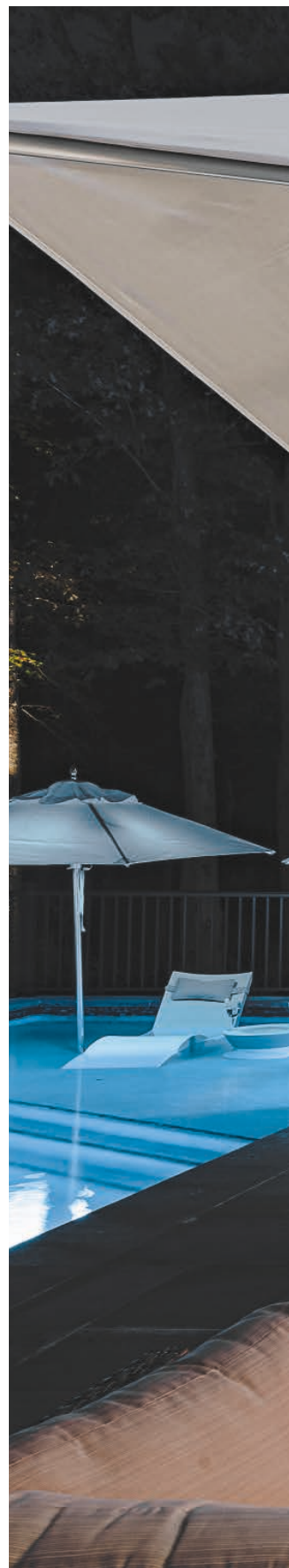
Mounted with **ARU-SS-DP** Surface Mounting Stainless Steel Deck Plate



**PRODUCT SHOWN: GREENWICH - 854CAM-MS-WHA**

**FINIAL: DEFAULT - VF CHROME VERTEX**

Mounted with **30G+18ST** Galvanized Steel Plate w/18" / 1.5" Stainless Steel Stem







**PRODUCT SHOWN: ECLIPSE® - 883ECU-SQ-MS-WHA**  
Mounted with **ECU-DP** Surface Mounting Deck Plate



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# ECLIPSE®

DESIGNER - **CANTILEVER UMBRELLA**

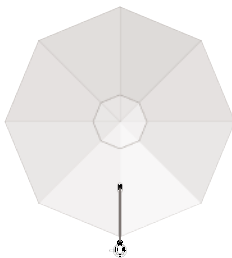
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*This umbrella combines style with size, strength, and durability to provide a lasting solution to your shade needs. Its 360° rotation and Infinity Tilt allow for easy opening and closing, while providing complete shade flexibility. Heavy gauge extruded aluminum and stainless-steel parts on a marine grade corrosion resistant aluminum frame ensure the Eclipse® is ideal for both commercial and residential environments.*

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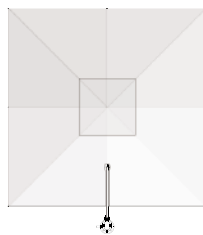
## SHAPES & SIZES

### OCTAGON



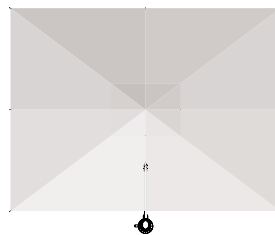
**880ECU**  
13'4m

### SQUARE



**883ECU-SQ**  
10' x 10'3m

### RECTANGLE



**898ECU-R**  
10' x 13'3m x 4m

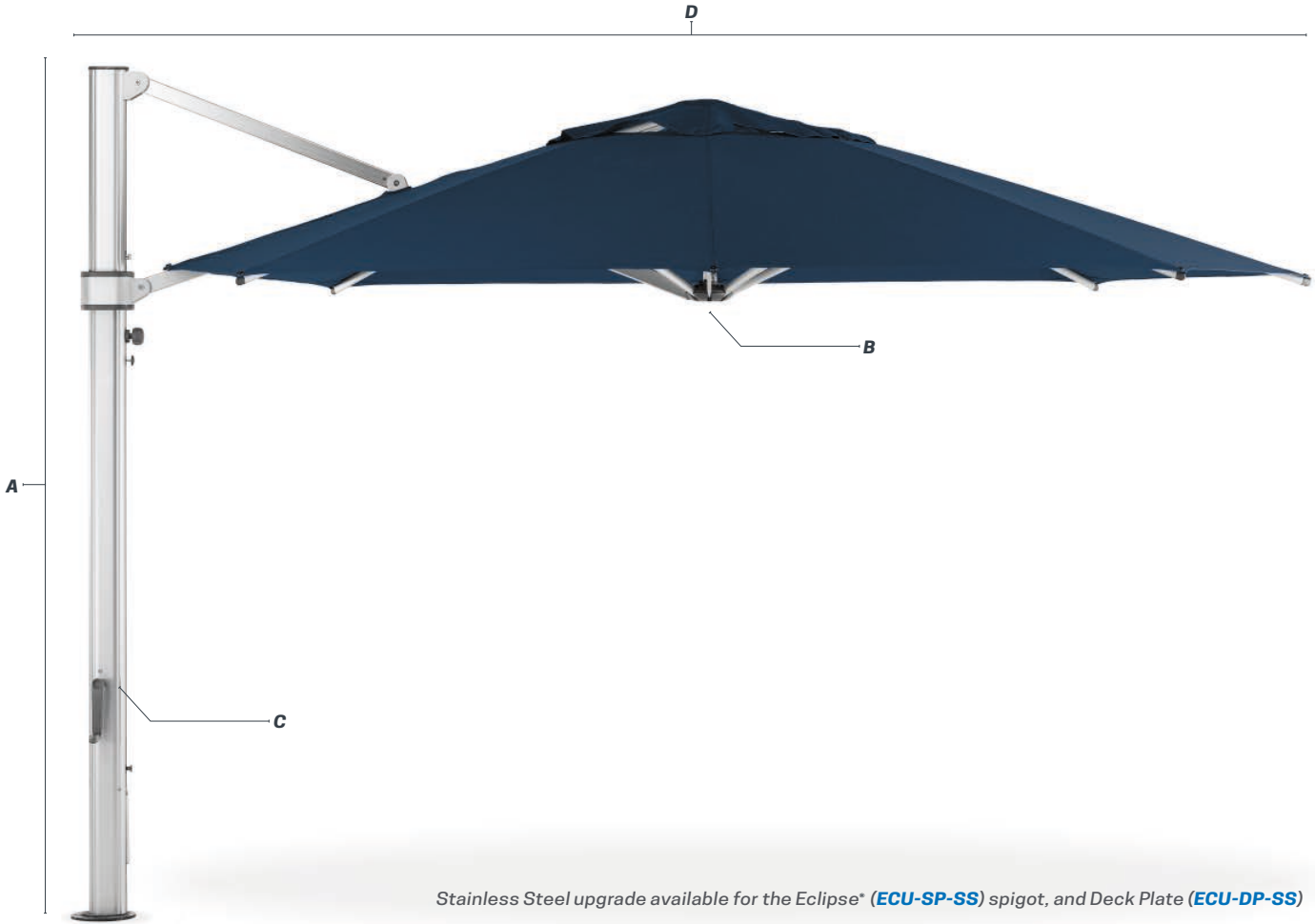
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**PRODUCT SHOWN: ECLIPSE® - 883ECU-SQ-MS-WHA**

Mounted with **ECU-DP** Surface Mounting Deck Plate

SHOWN: **880ECU-MS-NBA**

13' / Octagon Cantilever Umbrella / Matte Silver Finish / 9 oz. Marine Grade Navy Blue Acrylic



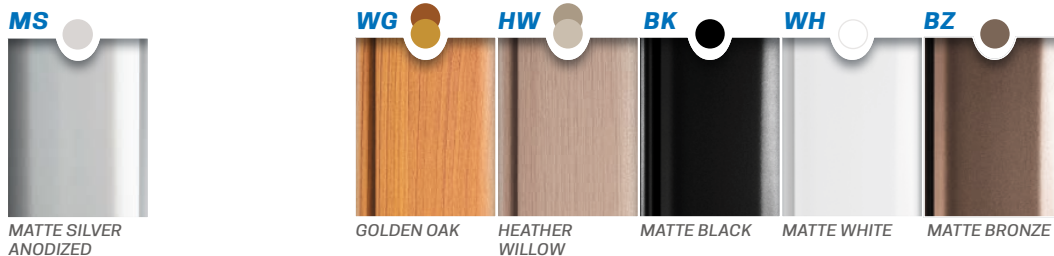
Stainless Steel upgrade available for the Eclipse® (**ECU-SP-SS**) spigot, and Deck Plate (**ECU-DP-SS**)

**ENGINEERED TO WITHSTAND 35 MPH WINDS. +5 MPH WITH WIND STABILIZER KIT.**  
**898ECU-R: ENGINEERED TO WITHSTAND 20 MPH WINDS. +5 MPH WITH WIND STABILIZER KIT.**

## FEATURES

- Full 360° rotation combined with the Infinity Tilt provide countless hours of maximum shade.
- The crank lift is built for commercial use, yet designed for smooth and effortless operation in any environment.
- Manufactured with extruded aluminum.
- Stainless-steel hardware throughout.
- Wind Stabilizer Kit and Black Polyester Protective Cover Bag included.
- Mounting options include permanent, semi-permanent, and free-standing bases for installation on any surface.

## FRAME FINISHES



**ECLIPSE® - DESIGNER CANTILEVER UMBRELLA**



**880ECU - 13' / 4M OCT.**



**883ECU-SQ - 10' / 3M SQ.**



**898ECU-R - 10' x 13' / 3x4M REC.**

- A.** overall height: 110" / 280cm
- B.** clearance: 80" / 203cm
- C.** closed clearance: 32" / 81cm
- D.** overall depth: 163" / 414cm
- MAST:** 3.3" x 5" / 8 x 12.7cm
- WEIGHT:** 112 lbs. / 51 kg.

- A.** overall height: 110" / 280cm
- B.** clearance: 84" / 213cm
- C.** closed clearance: 26" / 66cm
- D.** overall depth: 144" / 365cm
- MAST:** 3.3" x 5" / 8 x 12.7cm
- WEIGHT:** 108 lbs. / 49 kg.

- A.** overall height: 110" / 280cm
- B.** clearance: 82" / 208cm
- C.** closed clearance: 23" / 58cm
- D.** overall depth: 151" / 383cm
- MAST:** 3.3" x 5" / 8 x 12.7cm
- WEIGHT:** 115 lbs. / 52 kg.

Umbrella clearance dimensions are measured while not mounted in a base. Depending on the selected base, these clearance measurements will change. All dimensions have a +/-5" tolerance based on multiple variables; pin placement height, crank tautness and fabric weight.

Please consult a licensed professional for in-ground or surface mounting installations.

**SPECIFIC MOUNTING ECLIPSE®** Please see further details on page(s) 50

**40Gx3 MAX GALVANIZED STEEL STACK**

**W:** 555 lbs./252 kg. **D:** 40"/101cm **H:** 2"/5cm  
FREE-STANDING BASE

**36G-SQx3 MAX GALVANIZED STEEL STACK**

**W:** 600 lbs./272 kg. **D:** 36"/91cm **H:** 2"/5cm  
FREE-STANDING BASE

**36G-SQx3+W MAX GALVANIZED STEEL STACK**

**W:** 614 lbs./279 kg. **D:** 36"/91cm **H:** 6.5"/16.5cm  
FREE-STANDING BASE / OPTIONAL WHEELS +W

**NGU550 GALVANIZED STEEL MAX**

**W:** 550 lbs./249 kg. **D:** 45"/114cm **H:** 5"/13cm  
FREE-STANDING BASE

**ECU-480 GALVANIZED STEEL BASE**

**W:** 80 lbs./36 kg. **D:** 34"/86cm **H:** 6.5"/16.5cm  
Residential Only / FREE-STANDING BASE

**ECU-480+W GALVANIZED STEEL BASE + WHEELS**

**W:** 94 lbs./43 kg. **D:** 34"/86cm **H:** 11"/28cm  
Residential Only / FREE-STANDING BASE + WHEELS

**ECU-DP DIRECT SURFACE MOUNTING PLATE**

**W:** 12 lbs./5 kg. **D:** 12.5"/32cm **H:** .5"/12.7mm  
DIRECT SURFACE INSTALLATION

**ECU-IG IN-GROUND MOUNT**

**W:** 18 lbs./8 kg. **D:** 8.5"/21cm **H:** 14"/35cm  
IN-GROUND MOUNT INSTALLATION





# AURORA

## PREMIUM - CANTILEVER UMBRELLA

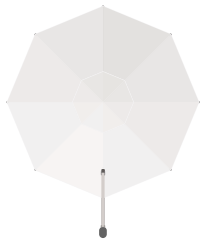
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Maximize your space without a traditional center post. The Aurora is manufactured using the most durable materials and fabric available to provide years of trouble-free use and enjoyment. Its Infinity Tilt allows you to change positions effortlessly. This modern cantilever is suitable for use in low to moderate wind conditions and ensures hours of protection from the sun and light rain.

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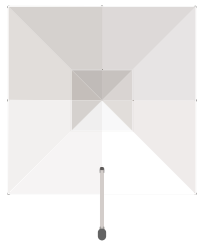
### SHAPES & SIZES

#### OCTAGON



**868ARU**  
11' / 3.5m

#### SQUARE



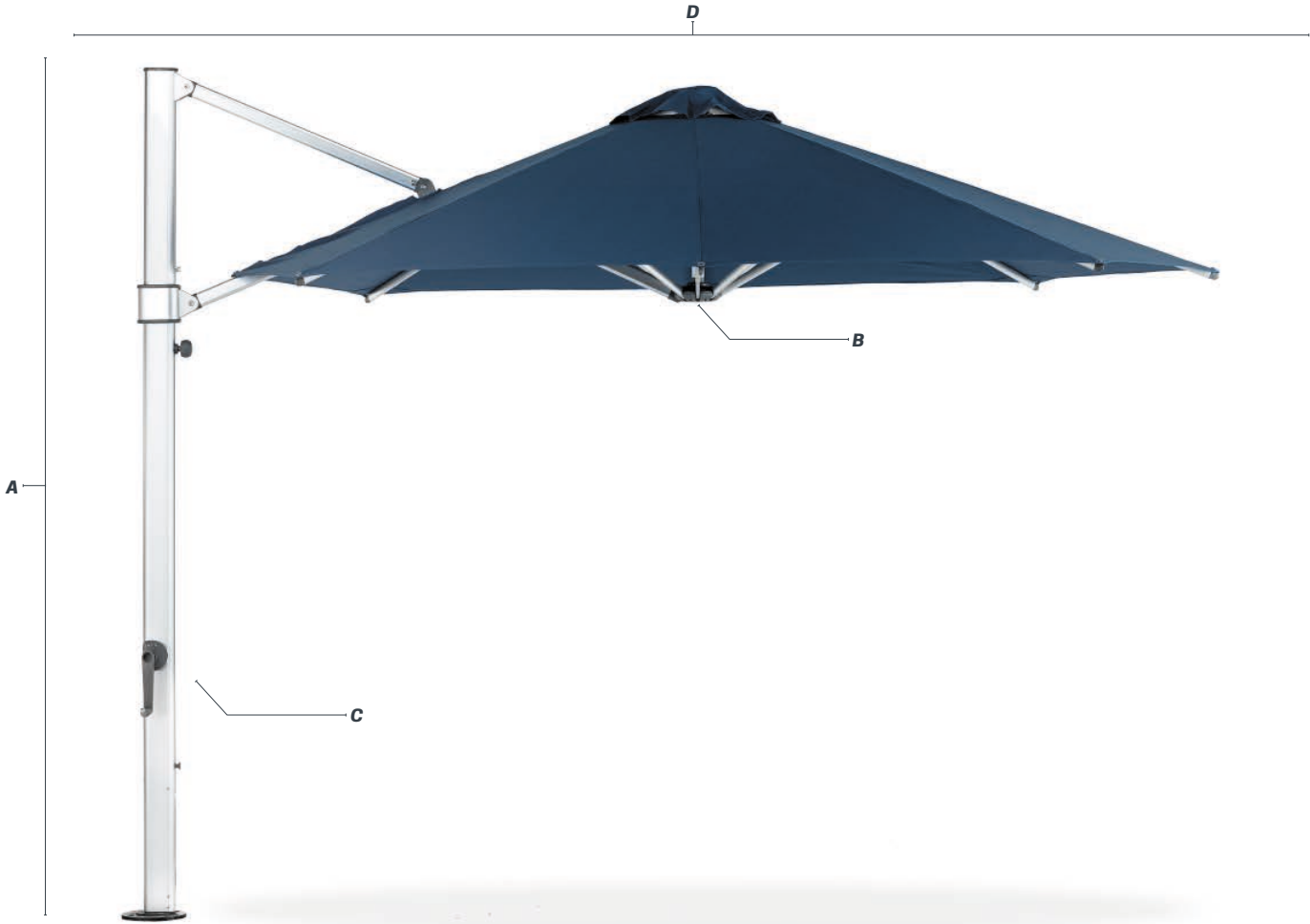
**877ARU-SQ**  
9' x 9' / 2.8m

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**PRODUCT SHOWN: AURORA - 868ARU-MS-WHA**  
Mounted with **ARU-DP** Surface Mounting Deck Plate

**SHOWN: 868ARU-MS-NBA**

11' / Octagon Cantilever Umbrella / Matte Silver Finish / 9 oz. Marine Grade Navy Blue Acrylic



Stainless Steel upgrade available for the Aurora ([ARU-SP-SS](#)) spigot, and Deck Plate ([ARU-DP-SS](#))

## FEATURES

**ENGINEERED TO WITHSTAND 25 MPH WINDS. +5 MPH WITH WIND STABILIZER KIT.**

- Full 360° rotation combined with the Infinity Tilt provides countless hours of maximum shade.
- The crank lift is built for commercial use, yet designed for smooth and effortless operation in any environment.
- Manufactured with extruded aluminum.
- Stainless-steel hardware throughout.
- Wind Stabilizer Kit and Black Polyester Protective Cover Bag included.
- Mounting options include permanent, semi-permanent, and free-standing bases for installation on any surface.

## FRAME FINISHES

**MS**



MATTE SILVER  
ANODIZED

**AURORA - PREMIUM CANTILEVER UMBRELLA**



**868ARU - 11' / 3.5M OCT.**



**877ARU-SQ - 9' / 2.8M SQ.**

- A.** overall height: 110" / 280cm
- B.** clearance: 82" / 203cm
- C.** closed clearance: 37" / 93cm
- D.** overall depth: 142" / 363cm
- MAST:** 2.75" x 4" / 8 x 10cm
- WEIGHT:** 95 lbs. / 43 kg.

- A.** overall height: 110" / 280cm
- B.** clearance: 82" / 203cm
- C.** closed clearance: 29" / 73cm
- D.** overall depth: 122" / 312cm
- MAST:** 2.75" x 4" / 8 x 10cm
- WEIGHT:** 90 lbs. / 40 kg.

Umbrella clearance dimensions are measured while not mounted in a base. Depending on the selected base, these clearance measurements will change. All dimensions have a +/-5" tolerance based on multiple variables; pin placement height, crank tautness and fabric weight.

Please consult a licensed professional for in-ground or surface mounting installations.

**SPECIFIC MOUNTING AURORA** Please see further details on page(s) 51

**40G-36G** DOUBLE GALVANIZED STEEL STACK

**W:** 335 lbs./152 kg. **D:** 40"/101cm **H:** 1"/2.5cm  
FREE-STANDING BASE

**36G-SQx2** DOUBLE GALVANIZED STEEL STACK

**W:** 400 lbs./181 kg. **D:** 36"/91cm **H:** 1"/2.5cm  
FREE-STANDING BASE

**36G-SQx2+W** DOUBLE GALVANIZED STEEL STACK

**W:** 414 lbs./188 kg. **D:** 36"/91cm **H:** 6"/15cm  
FREE-STANDING BASE / OPTIONAL WHEELS **+W**

**ARU-480** GALVANIZED STEEL WHEEL BASE

**W:** 80 lbs./36 kg. **D:** 34"/86cm **H:** 6.5"/16.5cm  
FREE-STANDING WHEEL BASE

**ARU-480+W** GALVANIZED STEEL BASE + WHEELS

**W:** 94 lbs./43 kg. **D:** 34"/86cm **H:** 11"/28cm  
FREE-STANDING BASE + WHEELS

**XB** MODULAR BASE

**W:** 36 lbs./16 kg. **D:** 39"/99cm **H:** 5"/12.7cm  
FREE-STANDING MODULAR BASE

**ARU-DP** DIRECT SURFACE MOUNTING PLATE

**W:** 12 lbs./5 kg. **D:** 12.5"/32cm **H:** .5"/12.7mm  
DIRECT SURFACE INSTALLATION

**ARU-IG** IN-GROUND MOUNT

**W:** 18 lbs./8 kg. **D:** 8.5"/21cm **H:** 14"/35cm  
IN-GROUND MOUNT INSTALLATION



# NOVA

## GIANT - **TELESCOPING UMBRELLA**

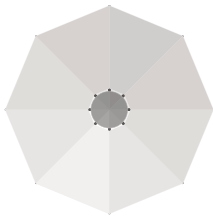
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The Nova offers maximum shade and weather protection for commercial environments. Its 9 oz. marine grade acrylic canopy is supported by reinforced extruded aluminum ribs that connect to a 4-inch mast. The commercial grade telescoping mechanism allows for effortless opening and closing of the umbrellas without having to move any furniture underneath. The Nova is one of the only large shade structures in the industry with semi-permanent and non-permanent mounts available. This umbrella not only looks spectacular, but is a practical shade solution in a number of commercial applications.

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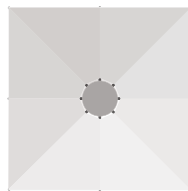
### SHAPES & SIZES

#### OCTAGON



**896NGU**  
16'5m

#### SQUARE



**8110NGU-SQ**  
13' x 13'4m

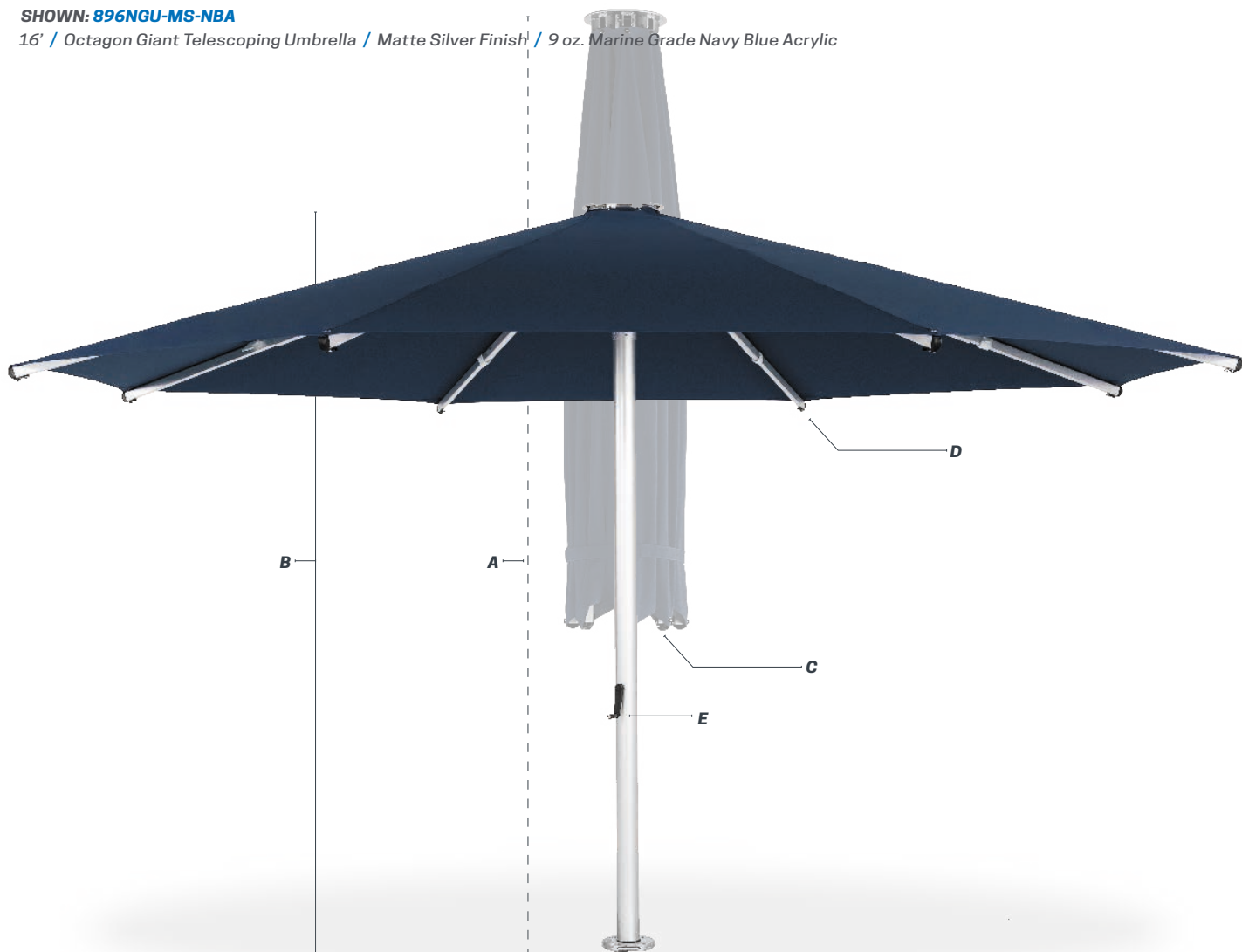
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**PRODUCT SHOWN: NOVA - 896NGU-MS-LRA**

Mounted with **NGU-DP** Surface Mounting Deck Plate

**SHOWN: 896NGU-MS-NBA**

16' / Octagon Giant Telescoping Umbrella / Matte Silver Finish / 9 oz. Marine Grade Navy Blue Acrylic



## FEATURES

- As the telescoping Nova cranks down, the top portion of the mast rises, allowing you to completely close the umbrella without having to move any furniture.
- 4" diameter aluminum center pole with four internal strength channels, combined with the extruded aluminum ribs provide exceptional support and strength.
- Stainless-steel hardware throughout.

## ENGINEERED TO WITHSTAND 50 MPH WINDS

- Reinforced grommets with an ultra-durable woven nylon wrap prevent fabric tearing from the frame.
- The Nova mounts to a hinged spigot allowing for the umbrella mast to be placed onto the spigot while the unit is on its side, prior to raising it upright.
- Mounting options include permanent, semi-permanent, and free-standing bases for installation on any surface.

## FRAME FINISHES

**MS**



MATTE SILVER  
ANODIZED

**NOVA - GIANT TELESCOPING UMBRELLA**



**896NGU - 16' / 5M OCT.**



**8110NGU-SQ - 13' / 4M SQ.**

- A.** closed height: 14' / 4.3m
- B.** open height: 10.5' / 3m
- C.** closed clearance: 66" / 182cm
- D.** open clearance: 98" / 248cm
- E.** crank clearance: 43" / 109cm
- MAST:** 4" / 10cm
- WEIGHT:** 205 lbs. / 93 kg.

- A.** closed height: 14' / 4.3m
- B.** open height: 10.5' / 3m
- C.** closed clearance: 52" / 147cm
- D.** open clearance: 96" / 243cm
- E.** crank clearance: 43" / 109cm
- MAST:** 4" / 10cm
- WEIGHT:** 195 lbs. / 88 kg.

*Umbrella clearance dimensions are measured while not mounted in a base. Depending on the selected base, these clearance measurements will change. All dimensions have a +/-5" tolerance based on multiple variables; pin placement height, crank tautness and fabric weight.*

*Please consult a licensed professional for in-ground or surface mounting installations.*

**SPECIFIC MOUNTING NOVA**

*Please see further details on page(s) 52*

**NGU550 GALVANIZED STEEL MAX**

**W:** 550 lbs./249 kg. **D:** 45"/114cm **H:** 5"/13cm

FREE-STANDING BASE

**NGU-DP DIRECT SURFACE MOUNTING PLATE**

**W:** 20 lbs./9 kg. **D:** 16"/40cm **H:** 5"/12.7mm

DIRECT SURFACE INSTALLATION

**NGU-IG IN-GROUND MOUNT**

**W:** 18 lbs./8 kg. **D:** 8.5"/21cm **H:** 14"/35cm

IN-GROUND MOUNT INSTALLATION





# G-SERIES

GIANT - MARKET UMBRELLA / DESIGNER ALUMINUM & FIBERGLASS

The G-Series is the flagship center post umbrella for all luxury resorts, hotels, and high-end outdoor living spaces. Built with the same commercial quality materials as the Greenwich and Monterey, the G-Series offers free-standing maximum shade options on a larger 2" center post with three canopy size options. We offer permanent, semi-permanent, and free-standing base options to accommodate any outdoor space.

## SHAPES & SIZES

### OCTAGON



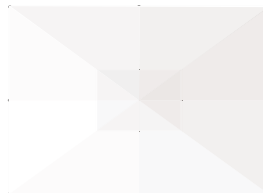
**880CAM**  
13'4m

### SQUARE



**883CAM-SQ**  
10' x 10'/3m

### RECTANGLE



**882CAM-R**  
8.5' x 11'/3.5m

**G-SERIES GREENWICH** - GIANT DESIGNER AL. MARKET

**880FM**  
13'4m

**883FM-SQ**  
10' x 10'/3m

**882FM-R**  
8.5' x 11'/3.5m

**G-SERIES MONTEREY** - GIANT FIBERGLASS MARKET

PRODUCT SHOWN: G-SERIES - **883FM-SQ-SR-WHA**

FINIAL: DEFAULT - **VF CHROME VERTEX**

Mounted with **36G+18ST2** Galvanized Steel Plate

**SHOWN: 880CAM-SR-NBA**

13' / Octagon Giant Aluminum Market Umbrella / Polished Silver Anodized Finish / 9 oz. Marine Grade Navy Blue Acrylic



## FEATURES

- Smooth and effortless double pulley system.
- Ergonomically designed ribs maintain the shape and provide added strength.
- 2" diameter 3mm thick single piece aluminum center pole provides incredible strength and durability.

## ENGINEERED TO WITHSTAND 35 MPH WINDS.

- Solid marine grade chrome plated aluminum finial.
- Stainless-steel hardware throughout.
- Mounting options include permanent, semi-permanent, and free-standing bases for installation on any surface.

## FRAME FINISHES



## FINIAL OPTIONS



**BF CHROME** CLASSIC BALL



**VF CHROME** VERTEX  
default style

**G-SERIES GREENWICH - GIANT DESIGNER ALUMINUM MARKET**



**880CAM - 13' / 4M OCT.**

- A.** overall height: 115" / 292cm
- B.** clearance: 85" / 216cm
- C.** closed clearance: 30" / 76cm
- MAST:** 2" / 5cm
- WEIGHT:** 43 lbs. / 19.5 kg.



**883CAM-SQ - 10' / 3M SQ.**

- A.** overall height: 115" / 292cm
- B.** clearance: 87" / 220cm
- C.** closed clearance: 28.5" / 72cm
- MAST:** 2" / 5cm
- WEIGHT:** 41 lbs. / 18 kg.



**882CAM-R - 8.5' x 11' / 3.5M REC.**

- A.** overall height: 115" / 292cm
- B.** clearance: 86" / 218cm
- C.** closed clearance: 27.5" / 70cm
- MAST:** 2" / 5cm
- WEIGHT:** 42 lbs. / 19 kg.

*Umbrella clearance dimensions are measured while not mounted in a base. Depending on the selected base, these clearance measurements will change. All dimensions have a +/-5" tolerance based on multiple variables; pin placement height, crank tautness and fabric weight.*

*Please see our "Umbrella Base Guide by Application" on page 44 for recommended base options, based on the umbrella size and desired application (table use or free-standing).*

*Please consult a licensed professional for in-ground or surface mounting installations.*

**SPECIFIC MOUNTING G-SERIES** Please see further details on page(s) 54

**40G/18ST2 GALVANIZED STEEL PLATE**

**W:** 185 lbs./84 kg. **D:** 40"/101cm **H:** .5"/12.7mm  
FREE-STANDING BASE

**36G/18ST2 GALVANIZED STEEL PLATE**

**W:** 150 lbs./68 kg. **D:** 36"/91cm **H:** .5"/12.7mm  
FREE-STANDING BASE

**36G-SQ/18ST2 GALVANIZED STEEL PLATE SQ.**

**W:** 200 lbs./90 kg. **D:** 36"/91cm **H:** .5"/12.7mm  
FREE-STANDING BASE

**36G-SQ/18ST2+W GALVANIZED STEEL PLATE SQ.**

**W:** 214 lbs./97 kg. **D:** 36"/91cm **H:** 5"/12.7cm  
FREE-STANDING BASE / OPTIONAL WHEELS +W

**GS-480 GALVANIZED STEEL WHEEL BASE**

**W:** 80 lbs./36 kg. **D:** 34"/86cm **H:** 6.5"/16.5cm  
FREE-STANDING WHEEL BASE

**GS-480+W GALVANIZED STEEL BASE + WHEELS**

**W:** 94 lbs./43 kg. **D:** 34"/86cm **H:** 11"/28cm  
FREE-STANDING BASE + WHEELS

**150A/18ST2 PREMIUM ALUMINUM CONCRETE**

**W:** 150 lbs./68 kg. **D:** 30"/76cm **H:** 4"/10cm  
FREE-STANDING OR TABLE WHEEL BASE

**BZ2-SM IN-GROUND MOUNTING STEM**

**W:** 11 lbs./5 kg. **D:** 4"/10cm **H:** 16"/40cm  
IN-GROUND MOUNT INSTALLATION

**SHOWN: 880FM-SR-NBA**

13' / Octagon Giant Fiberglass Market Umbrella / Polished Silver Anodized Finish / 9 oz. Marine Grade Navy Blue Acrylic



## FEATURES

- Smooth and effortless double pulley system.
- 3/4" diameter fiberglass ribs and struts support this giant canopy, providing strength and rigidity.
- 2" diameter 3mm thick single piece aluminum center pole provides incredible strength and durability.

## ENGINEERED TO WITHSTAND 40 MPH WINDS.

- Solid marine grade chrome plated aluminum finial.
- Stainless-steel hardware throughout.
- Mounting options include permanent, semi-permanent, and free-standing bases for installation on any surface.

## FRAME FINISHES



POLISHED SILVER  
ANODIZED

## FINIAL OPTIONS



**BF CHROME** CLASSIC BALL  
default style



**VF CHROME** VERTEX



**880FM** - 13' / 4M OCT.

- A.** overall height: 115" / 292cm
- B.** clearance: 85" / 216cm
- C.** closed clearance: 30" / 76cm
- MAST:** 2" / 5cm
- WEIGHT:** 47 lbs. / 21 kg.



**883FM-SQ** - 10' / 3M SQ.

- A.** overall height: 115" / 292cm
- B.** clearance: 87" / 220cm
- C.** closed clearance: 28.5" / 72cm
- MAST:** 2" / 5cm
- WEIGHT:** 43 lbs. / 19.5 kg.



**882FM-R** - 8.5' x 11' / 3.5M REC.

- A.** overall height: 115" / 292cm
- B.** clearance: 86" / 218cm
- C.** closed clearance: 27.5" / 70cm
- MAST:** 2" / 5cm
- WEIGHT:** 44 lbs. / 20 kg.

Umbrella clearance dimensions are measured while not mounted in a base. Depending on the selected base, these clearance measurements will change. All dimensions have a +/-5" tolerance based on multiple variables; pin placement height, crank tautness and fabric weight.

Please see our "Umbrella Base Guide by Application" on page 44 for recommended base options, based on the umbrella size and desired application (table use or free-standing).

Please consult a licensed professional for in-ground or surface mounting installations.

**SPECIFIC MOUNTING G-SERIES** Please see further details on page(s) 50

**40G/18ST2** GALVANIZED STEEL PLATE

**W:** 185 lbs./84 kg. **D:** 40"/101cm **H:** .5"/12.7mm  
FREE-STANDING BASE

**36G/18ST2** GALVANIZED STEEL PLATE

**W:** 150 lbs./68 kg. **D:** 36"/91cm **H:** .5"/12.7mm  
FREE-STANDING BASE

**36G-SQ/18ST2** GALVANIZED STEEL PLATE SQ.

**W:** 200 lbs./90 kg. **D:** 36"/91cm **H:** .5"/12.7mm  
FREE-STANDING BASE

**36G-SQ/18ST2+W** GALVANIZED STEEL PLATE SQ.

**W:** 214 lbs./97 kg. **D:** 36"/91cm **H:** 5"/12.7cm  
FREE-STANDING BASE / OPTIONAL WHEELS +W

**GS-480** GALVANIZED STEEL WHEEL BASE

**W:** 80 lbs./36 kg. **D:** 34"/86cm **H:** 6.5"/16.5cm  
FREE-STANDING WHEEL BASE

**GS-480+W** GALVANIZED STEEL BASE + WHEELS

**W:** 94 lbs./43 kg. **D:** 34"/86cm **H:** 11"/28cm  
FREE-STANDING BASE + WHEELS

**150A/18ST2** PREMIUM ALUMINUM CONCRETE

**W:** 150 lbs./68 kg. **D:** 30"/76cm **H:** 4"/10cm  
FREE-STANDING OR TABLE WHEEL BASE

**BZ2-SM** IN-GROUND MOUNTING STEM

**W:** 11 lbs./5 kg. **D:** 4"/10cm **H:** 16"/40cm  
IN-GROUND MOUNT INSTALLATION



# GREENWICH

DESIGNER - **ALUMINUM MARKET UMBRELLA**

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*This designer umbrella combines luxury with style to create a sophisticated look in any outdoor environment. Available in five sizes, there are options for any space and shade need. The easy glide pulley system allows for effortless opening and closing. Its sturdy aluminum frame, polished silver finish, and solid marine chrome plated aluminum finial add the perfect touch to give your cherished outdoor space the enhanced appearance found at luxury resorts, hotels, and restaurants.*

---

## SHAPES & SIZES

### OCTAGON



**845CAM**  
7.5'/2.3m

**854CAM**  
9'/2.7m

**864CAM**  
11'/3.5m

### SQUARE



**454CAM-SQ**  
6.5'/2m

**864CAM-SQ**  
7.5'/2.3m

---

**PRODUCT SHOWN: GREENWICH - 454CAM-SQ-SR-PBA**

**FINIAL: DEFAULT - VF CHROME VERTEX**

Mounted with **75S-SM** Steel Plate Wheel Base

**SHOWN: 864CAM-SR-NBA**

11' / Aluminum Market Umbrella / Polished Silver Anodized Finish / 9 oz. Marine Grade Navy Blue Acrylic



**FEATURES**

**ENGINEERED TO WITHSTAND 35 MPH WINDS.**

- Smooth and effortless pulley system.
- Ergonomically designed ribs maintain the shape and provide added strength.
- 1.5" diameter 1/8" thick aluminum center pole provides incredible strength and durability.
- Solid marine grade chrome plated aluminum finial.
- Stainless-steel hardware throughout.
- Mounting options include permanent, semi-permanent, and free-standing bases for installation on any surface.

**FRAME FINISHES**

**FINIAL OPTIONS**



POLISHED SILVER ANODIZED



**BF CHROME** CLASSIC BALL



**VF CHROME** VERTEX default style



**GREENWICH - ALUMINUM MARKET UMBRELLA**



**845CAM - 7.5' / 2.3M OCT.**

- A.** overall height: 94" / 238cm
- B.** clearance: 70" / 177cm
- C.** closed clearance: 44" / 85cm
- MAST:** 1.5" / 38mm
- WEIGHT:** 20 lbs. / 9 kg.



**854CAM - 9' / 2.7M OCT.**

- A.** overall height: 102" / 259cm
- B.** clearance: 76" / 193cm
- C.** closed clearance: 42" / 106cm
- MAST:** 1.5" / 38mm
- WEIGHT:** 22 lbs. / 10 kg.



**864CAM - 11' / 3.5M OCT.**

- A.** overall height: 108" / 274cm
- B.** clearance: 82" / 208cm
- C.** closed clearance: 40" / 101cm
- MAST:** 1.5" / 38mm
- WEIGHT:** 26 lbs. / 12 kg.



**454CAM-SQ - 6.5' / 2M SQ.**

- A.** overall height: 102" / 259cm
- B.** clearance: 76" / 193cm
- C.** closed clearance: 42" / 106cm
- MAST:** 1.5" / 38mm
- WEIGHT:** 18 lbs. / 8 kg.



**864CAM-SQ - 7.5' / 2.3M SQ.**

- A.** overall height: 108" / 274cm
- B.** clearance: 82" / 208cm
- C.** closed clearance: 40" / 101cm
- MAST:** 1.5" / 38mm
- WEIGHT:** 24 lbs. / 11 kg.

*Umbrella clearance dimensions are measured while not mounted in a base. Depending on the selected base, these clearance measurements will change. All dimensions have a +/-5" tolerance based on multiple variables; pin placement height, crank tautness and fabric weight.*

*Please see our "Umbrella Base Guide by Application" on page 44 for recommended base options, based on the umbrella size and desired application (table use or free-standing).*

# MONTEREY

## COMPLETE FIBERGLASS MARKET COLLECTION

---

*The Monterey fiberglass market umbrella collection is manufactured using the best and most resilient materials available. The half-inch thick fiberglass ribs allow the frame to bend and flex easily in windy conditions, while the durable aluminum center pole, maintenance free resin, and stainless-steel parts ensure this umbrella will provide years of worry-free shade. Choose from a heavy gauge pulley system, sturdy crank non tilting, or industry-best crank auto tilt. Available in five sizes and seven beautiful frame finishes, the Monterey is designed to allow you to bring commercial durability home to your cherished outdoor living space.*

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**PRODUCT SHOWN: MONTEREY FM - 854FM-WG-WHA**    **FINIAL: DEFAULT - BF CLASSIC BALL**

Mounted with **100A** Premium Aluminum Concrete





# MONTEREY FM

FIBERGLASS - **PULLEY LIFT**

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Our easy glide pulley system is supported by a durable woven cord which allows you to effortlessly open and close the umbrella. All of our pulley lift umbrellas are designed with a hook pin to keep the pulley cord out of reach and out of sight.

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## SHAPES & SIZES

### OCTAGON

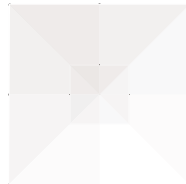


**845FM**  
7.5'/2.3m

**854FM**  
9'/2.7m

**864FM**  
11'/3.5m

### SQUARE



**454FM-SQ**  
6.5'/2m

**464FM-SQ**  
7.5'/2.3m

---

PRODUCT SHOWN: MONTEREY FM - **854FM-BK-YLA** FINIAL: OPTION - **BF BLACK CLASSIC BALL FINIAL**  
Mounted with **23-BK** Resin Coated Base

**SHOWN: 864FM-SR-NBA**

11' / Fiberglass Pulley Lift Market Umbrella / Polished Silver Anodized Finish / 9 oz. Marine Grade Navy Blue Acrylic

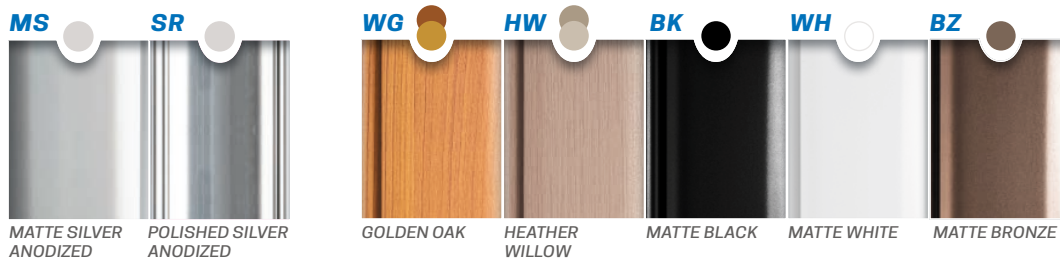


## FEATURES

## ENGINEERED TO WITHSTAND 40 MPH WINDS.

- Smooth and effortless pulley system.
- 1/2" fiberglass ribs and struts for maximum strength and flexibility.
- 1.5" diameter center pole with a 1/8" aluminum wall thickness provides incredible strength and durability.
- 4-Layer fabric protection and closed stitching pocket.
- Solid TPU Co-Polymer finial design.
- Stainless-steel hardware throughout.
- Mounting options include permanent, semi-permanent, and free-standing bases for installation on any surface.

## FRAME FINISHES



**MONTEREY FM - FIBERGLASS PULLEY LIFT MARKET UMBRELLA**



**845FM - 7.5' / 2.3M OCT.**

- A.** overall height: 94" / 238cm
- B.** clearance: 76" / 193cm
- C.** closed clearance: 44" / 111cm
- MAST:** 1.5" / 38mm
- WEIGHT:** 16 lbs. / 7 kg.



**854FM - 9' / 2.7M OCT.**

- A.** overall height: 97" / 236cm
- B.** clearance: 77" / 195cm
- C.** closed clearance: 41" / 104cm
- MAST:** 1.5" / 38mm
- WEIGHT:** 18 lbs. / 8 kg.



**864FM - 11' / 3.5M OCT.**

- A.** overall height: 107" / 271cm
- B.** clearance: 82" / 208cm
- C.** closed clearance: 39" / 99cm
- MAST:** 1.5" / 38mm
- WEIGHT:** 22 lbs. / 10 kg.



**454FM-SQ - 6.5' / 2M SQ.**

- A.** overall height: 97" / 236cm
- B.** clearance: 77" / 195cm
- C.** closed clearance: 41" / 104cm
- MAST:** 1.5" / 38mm
- WEIGHT:** 16 lbs. / 7 kg.



**464FM-SQ - 7.5' / 2.3M SQ.**

- A.** overall height: 107" / 271cm
- B.** clearance: 82" / 208cm
- C.** closed clearance: 39" / 99cm
- MAST:** 1.5" / 38mm
- WEIGHT:** 17 lbs. / 8 kg.

**FINIAL OPTIONS**

Finial color will default to frame finish selection



**BF** CLASSIC BALL  
default style



**VF** VERTEX

*Umbrella clearance dimensions are measured while not mounted in a base. Depending on the selected base, these clearance measurements will change. All dimensions have a +/-5" tolerance based on multiple variables; pin placement height, crank tautness and fabric weight.*

*Please see our "Umbrella Base Guide by Application" on page 44 for recommended base options, based on the umbrella size and desired application (table use or free-standing).*





# MONTEREY FMC

FIBERGLASS - **CRANK LIFT / NO TILT**

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Designed with a solid 316L stainless-steel handle, durable parachute cord, and Frankford's exclusive commercial grade crank system make this umbrella truly unique. The Monterey is designed to last, and will give your outdoor space a refined, elegant look for years to come.

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## SHAPES & SIZES

### OCTAGON

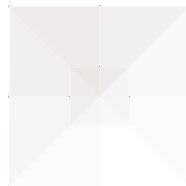


**845FMC**  
7.5'/2.3m

**854FMC**  
9'/2.7m

**864FMC**  
11'/3.5m

### SQUARE



**454FMC-SQ**  
6.5'/2m

**464FMC-SQ**  
7.5'/2.3m

---

PRODUCT SHOWN: MONTEREY FMC - **854FMC-BK-BKSA** FINIAL: DEFAULT - **BF CLASSIC BALL**

Mounted with **24G+18ST** Galvanized Steel Plate Base

**SHOWN: 864FMC-SR-NBA**

11' / Fiberglass Crank / No Tilt Market Umbrella / Polished Silver Anodized Finish / 9 oz. Marine Grade Navy Blue Acrylic



## FEATURES

## ENGINEERED TO WITHSTAND 40 MPH WINDS.

- 316L stainless-steel crank handle and axle.
- 1/2" fiberglass ribs and struts for maximum strength and flexibility.
- 1.5" diameter center pole with a 1/8" aluminum wall thickness provides incredible strength and durability.
- 4-Layer fabric protection and closed stitching pocket.
- Solid TPU Co-Polymer finial design.
- Stainless-steel hardware throughout.
- Mounting options include permanent, semi-permanent, and free-standing bases for installation on any surface.

## FRAME FINISHES



**MONTEREY FMC - FIBERGLASS CRANK LIFT /NO TILT MARKET UMBRELLA**



**845FMC** - 7.5' / 2.3M OCT.

- A.** overall height: 98" / 248cm
- B.** clearance: 72" / 182cm
- C.** closed clearance: 49" / 124cm
- D.** crank clearance: 36" / 91cm
- MAST:** 1.5" / 38mm
- WEIGHT:** 18 lbs. / 8 kg.



**854FMC** - 9' / 2.7M OCT.

- A.** overall height: 107" / 271cm
- B.** clearance: 79" / 200cm
- C.** closed clearance: 48" / 121cm
- D.** crank clearance: 36" / 91cm
- MAST:** 1.5" / 38mm
- WEIGHT:** 20 lbs. / 9 kg.



**864FMC** - 11' / 3.5M OCT.

- A.** overall height: 108" / 274cm
- B.** clearance: 87" / 220cm
- C.** closed clearance: 41" / 104cm
- D.** crank clearance: 36" / 91cm
- MAST:** 1.5" / 38mm
- WEIGHT:** 24 lbs. / 11 kg.



**454FMC-SQ** - 6.5' / 2M SQ.

- A.** overall height: 107" / 271cm
- B.** clearance: 79" / 200cm
- C.** closed clearance: 48" / 121cm
- D.** crank clearance: 36" / 91cm
- MAST:** 1.5" / 38mm
- WEIGHT:** 18 lbs. / 8 kg.



**464FMC-SQ** - 7.5' / 2.3M SQ.

- A.** overall height: 108" / 274cm
- B.** clearance: 87" / 220cm
- C.** closed clearance: 41" / 104cm
- D.** crank clearance: 36" / 91cm
- MAST:** 1.5" / 38mm
- WEIGHT:** 19 lbs. / 9 kg.

**FINIAL OPTIONS**

Finial color will default to frame finish selection



**BF** CLASSIC BALL  
default style



**VF** VERTEX

Umbrella clearance dimensions are measured while not mounted in a base. Depending on the selected base, these clearance measurements will change. All dimensions have a +/-5" tolerance based on multiple variables; pin placement height, crank tautness and fabric weight.

Please see our "Umbrella Base Guide by Application" on page 44 for recommended base options, based on the umbrella size and desired application (table use or free-standing).



# MONTEREY FMA

FIBERGLASS - **CRANK AUTO TILT**

The Monterey Crank Auto Tilt is an industry favorite, providing exceptional strength and shade flexibility. Designed with a cast 316L stainless-steel crank and 60° tilt, this umbrella guarantees shade at any time of the day.

## SHAPES & SIZES

### OCTAGON

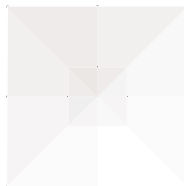


**845FMA**  
7.5'/2.3m

**854FMA**  
9'/2.7m

**864FMA**  
11'/3.5m

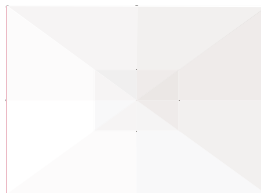
### SQUARE



**454FMA-SQ**  
6.5'/2m

**464FMA-SQ**  
7.5'/2.3m

### RECTANGLE



**876FMA-R**  
8' x 10'/3m

PRODUCT SHOWN: MONTEREY FMA - **854FMA-HW-CHGA** FINIAL: DEFAULT - **BF CLASSIC BALL**  
Mounted with **24G-SQ+8ST** Galvanized Steel Plate Base

**SHOWN: 864FMA-SR-NBA**

11' / Fiberglass Crank Auto Tilt Market Umbrella / Polished Silver Anodized Finish / 9 oz. Marine Grade Navy Blue Acrylic

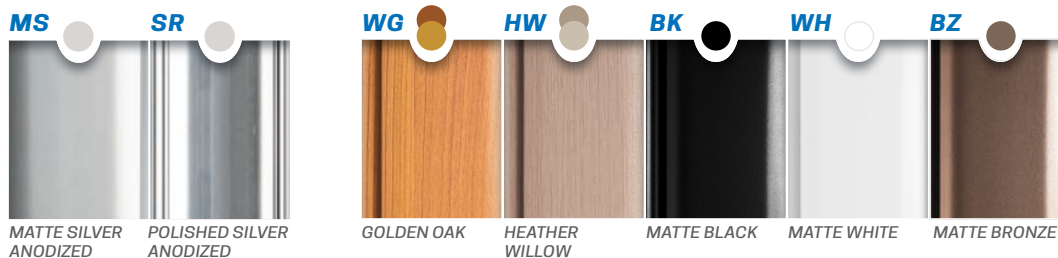


**FEATURES**

**ENGINEERED TO WITHSTAND 40 MPH WINDS.**

- 316L stainless-steel crank handle and axle.
- Commercial crank auto tilt
- 1/2" fiberglass ribs and struts for maximum strength and flexibility.
- 1.5" diameter center pole with a 1/8" aluminum wall thickness provides incredible strength and durability.
- 4-Layer fabric protection and closed stitching pocket.
- Solid TPU Co-Polymer finial design.
- Stainless-steel hardware throughout.
- Mounting options include permanent, semi-permanent, and free-standing bases for installation on any surface.

**FRAME FINISHES**



**MONTEREY FMA - FIBERGLASS CRANK AUTO TILT MARKET UMBRELLA**



**845FMA - 7.5' / 2.3M OCT.**

- A.** overall height: 98" / 248cm
- B.** clearance: 72" / 182cm
- C.** closed clearance: 49" / 124cm
- D.** crank clearance: 36" / 91cm
- MAST:** 1.5" / 38mm
- WEIGHT:** 20 lbs. / 9 kg.



**854FMA - 9' / 2.7M OCT.**

- A.** overall height: 107" / 271cm
- B.** clearance: 79" / 200cm
- C.** closed clearance: 48" / 121cm
- D.** crank clearance: 36" / 91cm
- MAST:** 1.5" / 38mm
- WEIGHT:** 22 lbs. / 10 kg.



**864FMA - 11' / 3.5M OCT.**

- A.** overall height: 108" / 274cm
- B.** clearance: 87" / 220cm
- C.** closed clearance: 41" / 104cm
- D.** crank clearance: 36" / 91cm
- MAST:** 1.5" / 38m
- WEIGHT:** 26 lbs. / 26 kg.



**454FMA-SQ - 6.5' / 2M SQ.**

- A.** overall height: 107" / 271cm
- B.** clearance: 79" / 200cm
- C.** closed clearance: 48" / 121cm
- D.** crank clearance: 36" / 91cm
- MAST:** 1.5" / 38mm
- WEIGHT:** 20 lbs. / 9 kg.



**464FMA-SQ - 7.5' / 2.3M SQ.**

- A.** overall height: 108" / 274cm
- B.** clearance: 87" / 220cm
- C.** closed clearance: 41" / 104cm
- D.** crank clearance: 36" / 91cm
- MAST:** 1.5" / 38m
- WEIGHT:** 24 lbs. / 11 kg.



**876FMA-R - 8' x 10' / 3M REC.**

- A.** overall height: 118" / 299cm
- B.** clearance: 88" / 223cm
- C.** closed clearance: 39" / 99cm
- D.** crank clearance: 36" / 91cm
- MAST:** 1.5" / 38mm
- WEIGHT:** 28 lbs. / 13 kg.

**FINIAL OPTIONS**

Finial color will default to frame finish selection



**BF** CLASSIC BALL  
default style



**VF** VERTEX

Umbrella clearance dimensions are measured while not mounted in a base. Depending on the selected base, these clearance measurements will change. All dimensions have a +/-5" tolerance based on multiple variables; pin placement height, crank tautness and fabric weight.

Please see our "Umbrella Base Guide by Application" on page 44 for recommended base options, based on the umbrella size and desired application (table use or free-standing).

recacril  
DESIGN LINE

*The RECacril® and RECasystem canvases are treated with a special technological process to ensure the lasting quality of the fabric. In this process nanoparticles completely cover the surface of the fibers in the fabric, forming a permanent coat. After treatment, both the surface and the inside of the fabric are permanently protected against dirt build-up, and adverse effects of a wide variety of atmospheric agents. The low reactivity and high stability of the infinity treatment endows long-term protection to the fabric, especially against mildew, and provides excellent water and oil repellency.*



# GRADE A

## STOCK 9 OZ. MARINE GRADE FABRICS

---

Frankford uses 9 oz. solution dyed marine grade acrylic fabric that is manufactured with the highest quality raw materials, and undergoes rigorous quality-assurance tests. All of our Grade A marine grade fabrics have an outer surface finish, and are treated with the Infinity Process which makes the fabric water resistant. They are easy to clean, mold and mildew resistant, and have an exceptional (and unmatched) guarantee against fading.

Our Grade A fabrics consist of 25 vivid colors that are stocked for faster lead times.

FRANKFORD ONLY USES THE BEST. Coats Dabond is a bonded, 250D x 3 ply twisted continuous filament polyester thread that offers excellent protection against UV-light and abrasion. It is specifically designed to withstand demanding weather conditions. Dabond is the only environmentally friendly bonded polyester thread available on the market and is excellent at resisting mildew, rot, and the effects of bleaching..

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**GRADE A FABRICS:** 25 vivid colors that are stocked and readily available to ship within 7-10 business days.

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**GRADE A+ FABRICS:** Includes any customization to stocking Grade A fabrics, and all non-stocking Recacril fabrics (i.e. alternating panels, adding valances, custom wind vent color, custom binding or trim color, logos/silk screen, etc.) and carry extended lead-times.

**NOTE: GRADES B-F** includes all non-stock Sunbrella® and Outdura fabrics, and do carry an extended lead time. Any Grades B-F striped fabric must be ordered in even quantities, with a minimum order requirement of two (2) umbrellas.

# GRADE A STOCK FABRIC COMPARISON

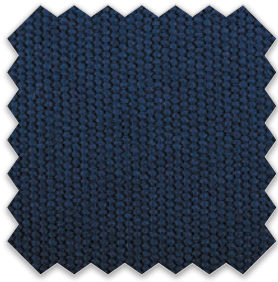
Sunbrella and Outdura fabrics may not be an exact match to our stock Recacril 9 oz. Marine grade acrylic fabrics. All production shades may vary.



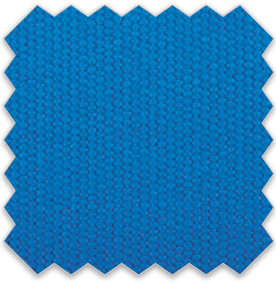
<b>4646 / 5439 / 6046</b>	CAPTAIN NAVY
<b>4601 / 5401 / 6001</b>	PACIFIC BLUE
<b>4675 / 5426 / 6075</b>	CAPRI
<b>4612 / 5416</b>	ARUBA
<b>4637 / 5446 / 6037</b>	FOREST GREEN
<b>4631 / 5436 / 6031</b>	BURGUNDY
<b>4666 / 5477 / 6066</b>	LOGO RED
<b>4622 / 5440</b>	TERRACOTTA
<b>4609</b>	ORANGE
<b>4602 / 5457</b>	SUNFLOWER YELLOW
<b>4621 / 6021</b>	TRUE BROWN
<b>4628 / 5468 / 6028</b>	TOAST
<b>4633 / 5422 / 6033</b>	LINEN
<b>4604 / 5404 / 6004</b>	NATURAL
<b>4630 / 6030</b>	CADET GRAY
<b>4608 / 5408 / 6008</b>	BLACK

<b>R-175</b>	NAVY BLUE
<b>R-172</b>	PACIFIC BLUE
<b>R-169</b>	CAPRI
<b>R-171</b>	TURQUOISE
<b>R-160</b>	PISTACHIO
<b>R-102</b>	FOREST GREEN
<b>R-177</b>	BURGUNDY
<b>R-176</b>	LOGO RED
<b>R-105</b>	CORAL
<b>R-104</b>	TERRACOTTA
<b>R-567</b>	ORANGE
<b>R-554</b>	SUNFLOWER YELLOW
<b>R-156</b>	BROWN
<b>R-100</b>	TOAST
<b>R-126</b>	LINEN
<b>R-099</b>	WHITE
<b>R-138</b>	CADET GRAY
<b>R-164</b>	CHARCOAL GRAY
<b>R-103</b>	BLACK
<b>R-012</b>	RED STRIPE
<b>R-005</b>	ORANGE STRIPE
<b>R-055</b>	YELLOW STRIPE
<b>R-016</b>	BLUE STRIPE
<b>R-011</b>	TURQUOISE STRIPE
<b>R-017</b>	BLACK STRIPE

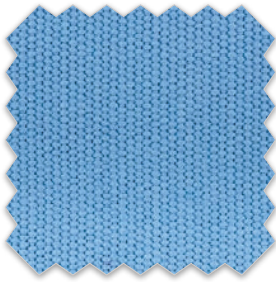
<b>6003</b>	CAPTAINS NAVY
<b>6002</b>	PACIFIC BLUE
<b>6072</b>	ARUBA
<b>6001</b>	FOREST GREEN
<b>6004</b>	BURGUNDY
<b>6021</b>	CARDINAL RED
<b>6045</b>	CORAL
<b>6035</b>	TERRACOTTA
<b>6062</b>	TANGERINE
<b>6023</b>	DANDELION
<b>6056</b>	KONA
<b>6025</b>	LINEN
<b>6006</b>	ANTIQUE BEIGE
<b>6009</b>	NATURAL WHITE
<b>6008</b>	CADET GRAY
<b>6061</b>	STORM GRAY
<b>6005</b>	BLACK



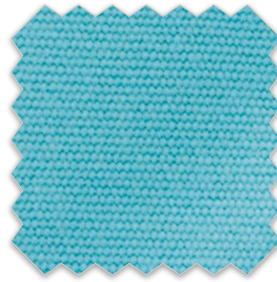
**NBA** - NAVY BLUE



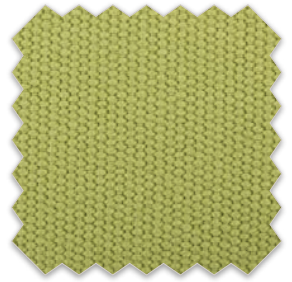
**PBA** - PACIFIC BLUE



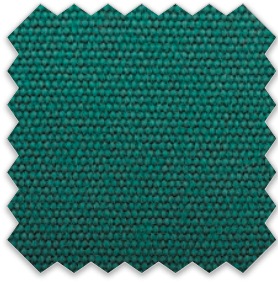
**CPA** - CAPRI



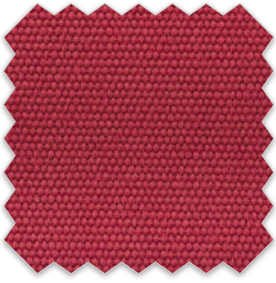
**TQA** - TURQUOISE



**PTA** - PISTACHIO



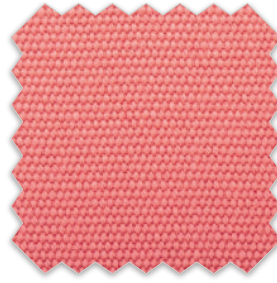
**FGA** - FOREST GREEN



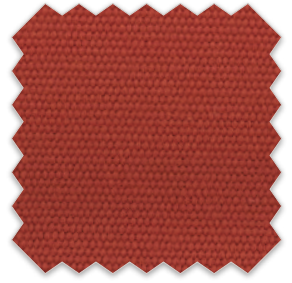
**BGA** - BURGUNDY



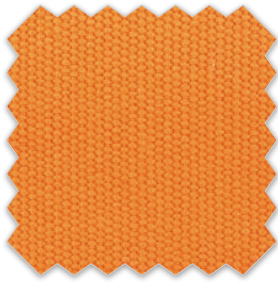
**LRA** - LOGO RED



**CRA** - CORAL



**TRA** - TERRACOTTA



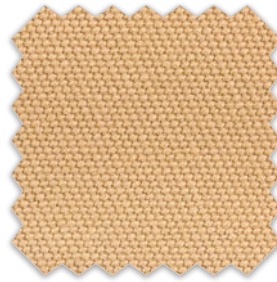
**ORA** - ORANGE



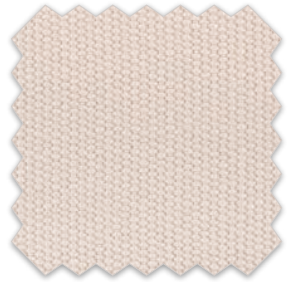
**YLA** - SUNFLOWER



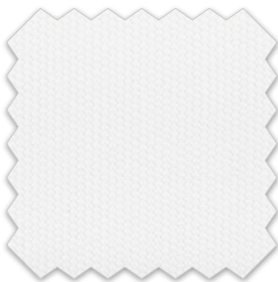
**BNA** - BROWN



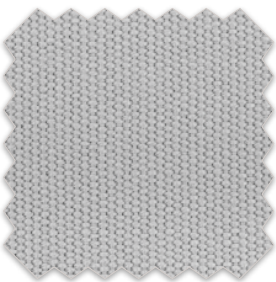
**TTA** - TOAST



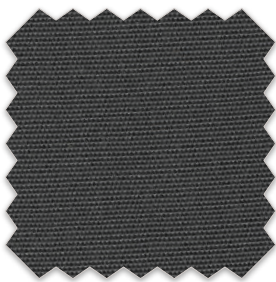
**LNA** - LINEN



**WHA** - WHITE



**CGA** - CADET GRAY



**CHGA** - CHARCOAL



**BKA** - BLACK



**RSA** - RED



**OSA** - ORANGE



**YSA** - YELLOW



**BSA** - BLUE



**TQSA** - TURQUOISE



**BKSA** - BLACK

**STRIPE REPEAT PATTERN - 6.4" / 16.5cm**

Stripe fabrics can only be sewn horizontally. Stripes cannot be vertical or be used on rectangular canopies. Custom orders for non-stock stripe fabrics must be ordered in even quantities, a minimum order requirement of two (2) umbrellas.

# GRADE A+ FABRIC COMPARISON

Frankford Grade A+ Recacril fabrics include, but are not limited to, the colors below. All non-stocking Grade A+ fabrics carry extended lead-times. For a FULL list of Frankford Grade A+ Recacril fabrics, please see Pg. 35 of our price list, or visit our website: [frankfordumbrellas.com](http://frankfordumbrellas.com)



<b>4651/6051</b>	SILVER
<b>4642/5453/6042</b>	OYSTER
<b>4648/6048</b>	TAUPE
<b>4672/5476/ 6071</b>	HEATHER BEIGE
<b>4645</b>	SEAGRASS GREEN
<b>4620/6020</b>	BEIGE
<b>4678/6078</b>	MARINE BLUE
<b>4679/5499/6079</b>	OCEAN BLUE
<b>4603/5403/6003</b>	JOCKEY RED
<b>4677/5417</b>	TUSCAN
<b>4688</b>	BASIL
<b>4615</b>	SMOKE
<b>4644/6044</b>	CHARCOAL GRAY
<b>5415</b>	MELON
<b>4676</b>	COCOA
<b>4652/6052</b>	MED. BLUE
<b>4643/6043</b>	PERSIAN GREEN
<b>4652/6053</b>	MED. BLUE TWEED
<b>4607/6007</b>	CHARCOAL TWEED
<b>4617/6017</b>	ROYAL BLUE TWEED
<b>4654/6054</b>	LINEN TWEED

<b>R-114</b>	PEARL
<b>R-117</b>	RAW
<b>R-127</b>	MOONROCK
<b>R-139</b>	HEATHER BEIGE
<b>R-142</b>	EMERALD
<b>R-143</b>	HEMP BEIGE
<b>R-170</b>	ADMIRAL BLUE
<b>R-173</b>	DARK BLUE
<b>R-182</b>	VERMILLION
<b>R-185</b>	PUMPKIN
<b>R-187</b>	JADE
<b>R-194</b>	ASH
<b>R-198</b>	NICKEL
<b>R-241</b>	PHOENIX
<b>R-243</b>	TAPENADE
<b>R-291</b>	BALTIC
<b>R-292</b>	TEAL
<b>R-769</b>	BALTIC TWEED
<b>R-770</b>	CHARCOAL TWEED
<b>R-772</b>	BLUE TWEED
<b>R-775</b>	LINEN TWEED

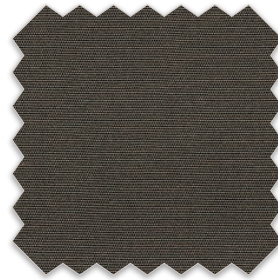
<b>6034</b>	SAND
<b>6026</b>	TAUPE
<b>6065</b>	EMERALD
<b>6022</b>	ROYAL NAVY
<b>6041</b>	CLASSIC ROYAL BLUE
<b>6010</b>	CHINA RED
<b>6047</b>	TUXEDO TWEED
<b>6016</b>	OZ GREEN
<b>6014</b>	CATALINA BLUE
<b>6032</b>	DESERT BEIGE



**R-114 - PEARL**



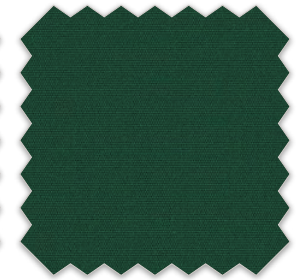
**R-117 - RAW**



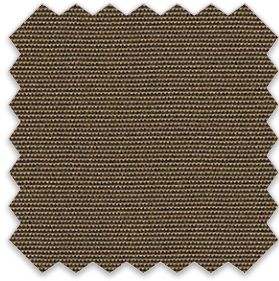
**R-127 - MOONROCK**



**R-139 - HEATHER BEIGE**



**R-142 - EMERALD**



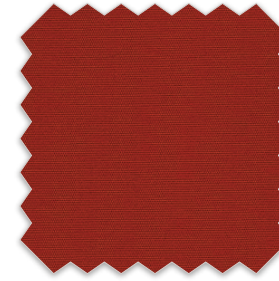
**R-143 - HEMP BEIGE**



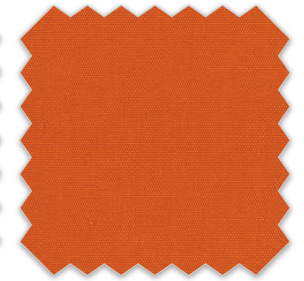
**R-170 - ADMIRAL BLUE**



**R-173 - DARK BLUE**



**R-182 - VERMILLION**



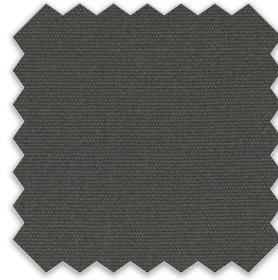
**R-185 - PUMPKIN**



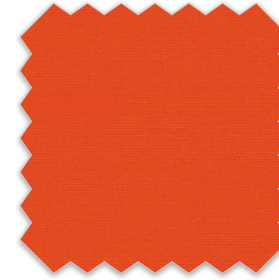
**R-187 - JADE**



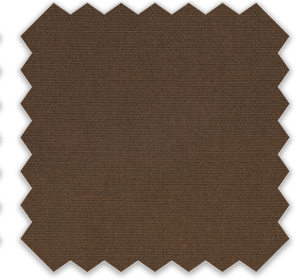
**R-194 - ASH**



**R-198 - NICKEL**



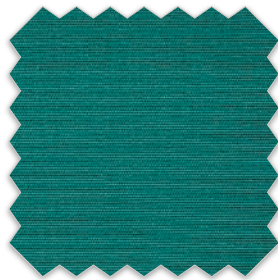
**R-241 - PHOENIX**



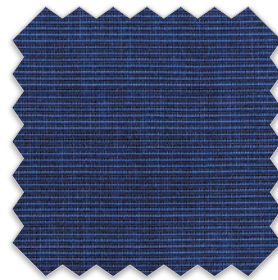
**R-243 - TAPENADE**



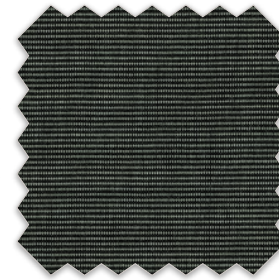
**R-291 - BALTIC**



**R-292 - TEAL**



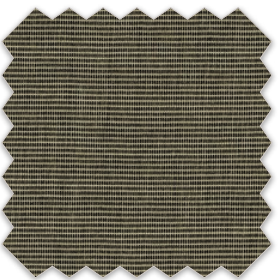
**R-769 - BALTIC TWEED**



**R-770 - CHARCOAL TWEED**



**R-772 - BLUE TWEED**



**R-775 - LINEN TWEED**

# BASES & MOUNTING

## A COMPREHENSIVE GUIDE TO SHADE ANCHORING SOLUTIONS

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Properly securing your umbrella is crucial to ensuring years of sun protection and longevity. The following section will guide you through our wide variety of everyday bases and anchoring solutions. These included options are suitable for use beneath a table or in a free-standing setting.

Remember...your shade is only as good as its foundation!

Frankford's umbrellas are all thoroughly tested and built to ensure durability and longevity, however we do not recommend the use of any non-permanent umbrella in unsafe wind conditions. The size and installation location of your umbrella play a significant role when selecting the base/anchoring method required for safe operation. Please consult an authorized Frankford dealer or factory representative directly for recommendations.

Umbrellas must be secured in a base equal to or greater than the options recommended in this catalog and must be secured properly using the thumb-screws or other hardware supplied with each base. Failure to properly secure umbrellas with the base options recommended, and with the supplied hardware will void the Frankford Umbrellas warranty. Furthermore, all umbrellas should always be closed and secured when not in use, and taken down when winds reach unsafe conditions.

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### FINISHES



All bases have a +/- 10 lbs (4.5kg.) weight tolerance based on a variety of variables. Overall diameter tolerance of +/- 1"

## UMBRELLA BASE GUIDE **BY APPLICATION**

- **TABLE USE:** Indicates the base is suitable for use beneath a table. It is not recommended as a free-standing base option.
- **FREE-STANDING:** Indicates the base is recommended as a free-standing option, but also suitable for use beneath a table if the table provides enough clearance to safely sit above the base on a flat surface. 18" (18ST/2) Stems should always be used when in this application.
- **1.5"/38mm STEM:** Indicates the base can accommodate an 1.5"/38mm center pole.
- **2"/50mm STEM:** Indicates the base can accommodate a 2"/50mm (18ST2) center pole.

	7.5' OCT. / 2.3m	9' OCT. / 2.7m	11' OCT. / 3.5m	13' OCT. / 4m	6.5' SQ. / 2m	7.5' SQ. / 2.3m	10' SQ. / 3m	8' X 10' REC. / 3m	8.5' X 11' REC. / 3.5m
<b>ALUMINUM SHELL</b>									
502A	● ●				● ●				
<b>RESIN COATED</b>									
50C	● ●	● ●	● ●		● ●	● ●		● ●	
23	● ●	● ●	● ●		● ●	● ●		● ●	
<b>ALUMINUM CONCRETE</b>									
100A	● ● ●	● ● ●	● ● ●		● ● ●	● ●		● ●	
150A	● ● ●	● ● ●	● ● ●	● ●	● ● ●	● ● ●	● ●	● ● ●	● ●
<b>STEEL PLATE</b>									
50S	● ●	● ●	● ●		● ●	● ●		● ●	
75S	● ●	● ●	● ●		● ●	● ●			
<b>GALVANIZED STEEL</b>									
24G	● ● ●	● ● ●	● ●		● ● ●	● ●		● ●	
30G	● ● ●	● ● ●	● ● ●		● ● ●	● ● ●		● ● ●	
36G	● ●	● ●	● ●	● ●	● ●	● ●	● ●	● ●	● ●
40G	● ●	● ●	● ●	● ●	● ●	● ●	● ●	● ●	● ●
20G-SQ	● ● ●	● ●	● ●		● ●	● ●		● ●	
24G-SQ	● ● ●	● ● ●	● ● ●		● ● ●	● ● ●		● ●	
36G-SQ	● ●	● ●	● ●	● ●	● ●	● ●	● ●	● ●	● ●
<b>WHEEL BASE</b>									
ARU/ECU-480	● ●	● ●	● ●	● ●	● ●	● ●	● ●	● ●	● ●

**NOTE:** 18" stems (18ST/2) are recommended for free-standing applications. Frankford will not recommend a free-standing application with a shorter stem. The 75S (16" stem) is considered a free-standing base as noted above.

## ALUMINUM SHELL & RESIN COATED CONCRETE



**502A - ALUMINUM SHELL (EMPTY)**

**W:** 50 lbs./22 kg. **D:** 18"/38cm **H:** 6"/15cm

Accommodated Mast: 1.5"/38mm  
Stem Height: N/A  
Use: TABLE ONLY

**FILL ONLY WITH SAND OR GRAVEL**



**50C - RESIN COATED CONCRETE**

**W:** 50 lbs./22 kg. **D:** 16"/38cm **H:** 6"/15cm

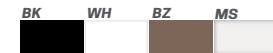
Accommodated Mast: 1.5"/38mm  
Stem Height: N/A  
Use: TABLE ONLY



**23 - RESIN COATED CONCRETE**

**W:** 80 lbs./36 kg. **D:** 20"/50cm **H:** 11.5"/30cm

Accommodated Mast: 1.5"/38mm  
Stem Height: 8"/20cm  
Use: TABLE ONLY



## PREMIUM ALUMINUM CONCRETE



**100A - PREMIUM ALUMINUM CONCRETE**

**W:** 100 lbs./45 kg. **D:** 24"/60cm **H:** 3.5"/9cm

Accommodated Mast: 1.5"/38mm - 2"/50mm  
Use: FREE-STANDING WHEEL BASE OR TABLE

**CHOOSE LENGTH AND DIAMETER OF STEM NEEDED**



**150A - PREMIUM ALUMINUM CONCRETE**

**W:** 150 lbs./68 kg. **D:** 30"/76cm **H:** 3.5"/9cm

Accommodated Mast: 1.5"/38mm - 2"/50mm  
Use: FREE-STANDING WHEEL BASE OR TABLE

**CHOOSE LENGTH AND DIAMETER OF STEM NEEDED**



**ST/ST2 - STAINLESS STEEL STEMS**

**W:** 5 lbs./2 kg.

**8ST HEIGHT:** 8"/20cm - 1.5"/38mm Diameter  
**18ST HEIGHT:** 18"/45cm - 1.5"/38mm Diameter  
**18ST2 HEIGHT:** 18"/45cm - 2"/50mm Diameter

## STEEL PLATE



**50S - STEEL PLATE**

**W:** 50 lbs./22 kg. **D:** 20"/50cm **H:** 11"/28cm

Accommodated Mast: 1.5"/38mm  
Stem Height: 8"/20cm  
Use: TABLE ONLY



**75S - STEEL PLATE WITH WHEELS**

**W:** 75 lbs./35 kg. **D:** 24"/61cm **H:** 16.5"/42cm

Accommodated Mast: 1.5"/38mm  
Stem Height: 16"/40cm  
Use: FREE-STANDING ONLY





## GALVANIZED STEEL PLATE



**24G - GALVANIZED STEEL PLATE**

**W:** 70 lbs./32 kg. **D:** 24"/60cm **H:** .5"/12.7mm

Accommodated Mast: 1.5"/38mm - 2"/50mm  
Use: FREE-STANDING OR TABLE

CAN BE STACKED

CHOOSE LENGTH AND DIAMETER OF STEM NEEDED



**30G - GALVANIZED STEEL PLATE**

**W:** 100 lbs./45 kg. **D:** 30"/76cm **H:** .5"/12.7mm

Accommodated Mast: 1.5"/38mm - 2"/50mm  
Use: FREE-STANDING OR TABLE

CAN BE STACKED

CHOOSE LENGTH AND DIAMETER OF STEM NEEDED



**36G - GALVANIZED STEEL PLATE**

**W:** 150 lbs./68 kg. **D:** 36"/91cm **H:** .5"/12.7mm

Accommodated Mast: 1.5"/38mm - 2"/50mm  
Use: FREE-STANDING OR TABLE

CAN BE STACKED

CHOOSE LENGTH AND DIAMETER OF STEM NEEDED



**40G - GALVANIZED STEEL PLATE**

**W:** 185 lbs./83 kg. **D:** 40"/101cm **H:** .5"/12.7mm

Accommodated Mast: 1.5"/38mm - 2"/50mm  
Use: FREE-STANDING

CAN BE STACKED

CHOOSE LENGTH AND DIAMETER OF STEM NEEDED



**20G-SQ - GALVANIZED STEEL PLATE**

**W:** 70 lbs./32 kg. **D:** 20"/50cm **H:** .5"/12.7mm

Accommodated Mast: 1.5"/38mm - 2"/50mm  
Use: FREE-STANDING OR TABLE

CANNOT BE STACKED

CHOOSE LENGTH AND DIAMETER OF STEM NEEDED



**24G-SQ - GALVANIZED STEEL PLATE**

**W:** 100 lbs./45 kg. **D:** 24"/60cm **H:** .5"/12.7mm

Accommodated Mast: 1.5"/38mm - 2"/50mm  
Use: FREE-STANDING OR TABLE

CANNOT BE STACKED

CHOOSE LENGTH AND DIAMETER OF STEM NEEDED



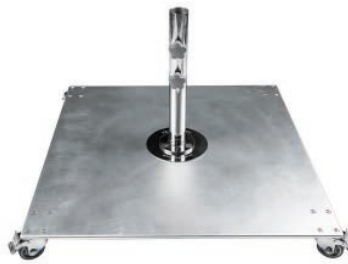
**36G-SQ - GALVANIZED STEEL PLATE SQ.**

**W:** 200 lbs./90 kg. **D:** 36"/91cm **H:** .5"/12.7mm

Accommodated Mast: 1.5"/38mm - 2"/50mm  
Use: FREE-STANDING OR TABLE

CAN BE STACKED

CHOOSE LENGTH AND DIAMETER OF STEM NEEDED



**36G-SQ+W - GALVANIZED STEEL PLATE SQ.**

**W:** 214 lbs./97 kg. **D:** 36"/91cm **H:** .5"/12.7cm

Accommodated Mast: 1.5"/38mm - 2"/50mm  
Use: FREE-STANDING OR TABLE

CAN BE STACKED

CHOOSE LENGTH AND DIAMETER OF STEM NEEDED  
ADDED OPTION WHEELS +W



**ST/ST2 - STAINLESS STEEL STEMS**

**W:** 5 lbs./2 kg.

**8ST HEIGHT:** 8"/20cm - 1.5"/38mm Diameter

**18ST HEIGHT:** 18"/45cm - 1.5"/38mm Diameter

**18ST2 HEIGHT:** 18"/45cm - 2"/50mm Diameter

# SPECIALTY MOUNTS

## CENTER POST UMBRELLA DIRECT SURFACE AND IN-GROUND OPTIONS

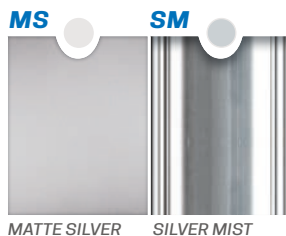
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Frankford Umbrellas warranty is only applicable to products that are properly secured to an appropriately weighted base, installed in-ground, or surface mount. The warranty does not cover damage caused to an umbrella structure or base as a result of improper anchoring, or severe acts of nature, including any damage caused by contact with a foreign object (this includes contact with the ground).

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### FINISHES



MATTE SILVER    SILVER MIST

Umbrellas must be secured in a base equal to or greater than the options recommended in this catalog and must be secured properly using the thumb-screws or other hardware supplied with each base. Failure to properly secure umbrellas with the base options recommended, and with the supplied hardware will void the Frankford Umbrellas warranty. Furthermore, all umbrellas should always be closed and secured when not in use, and taken down when winds reach unsafe conditions.



**ST/ST2 - STAINLESS STEEL STEMS**

**W:** 5 lbs./2 kg.

- **8ST HEIGHT:** 8"/20cm - 1.5"/38mm Diameter
- **18ST HEIGHT:** 18"/45cm - 1.5"/38mm Diameter
- **18ST2 HEIGHT:** 18"/45cm - 2"/50mm Diameter



**CMLK-SM - DIRECT SURFACE MOUNTING STEM**

**W:** 9 lbs./4 kg. **D:** 4"/10cm **H:** 18"/45cm

Accommodated Mast: 1.5"/38mm  
Use: **DIRECT SURFACE INSTALLATION**

Removable stem



**BZ-SM - IN-GROUND MOUNTING STEM**

**W:** 11 lbs./5 kg. **D:** 4"/10cm **H:** 16"/40cm

Accommodated Mast: 1.5"/38mm  
Use: **IN-GROUND MOUNT INSTALLATION**

Removable stem



**BZ2-SM - IN-GROUND MOUNTING STEM**

**W:** 11 lbs./5 kg. **D:** 4"/10cm **H:** 16"/40cm

Accommodated Mast: 2"/50mm  
Use: **IN-GROUND MOUNT INSTALLATION**

Removable stem

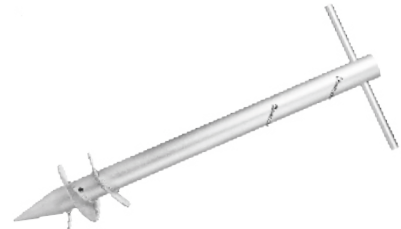


**38SAP - SOFT SURFACE ANCHOR**

**W:** 4 lbs./1.8 kg. **D:** 1.5"/3.8cm **H:** 27"/68cm

Accommodated Mast: 1.5"/38mm  
Use: **IN-GROUND FREE-STANDING**

Auger extension for umbrellas



**38SAP-2 - SOFT SURFACE ANCHOR**

**W:** 4 lbs./1.8 kg. **D:** 2"/50mm **H:** 38"/96cm

Accommodated Mast: 2"/50mm  
Use: **IN-GROUND FREE-STANDING**

Auger extension for **G-SERIES** umbrellas



# SPECIFIC MOUNTS

ECLIPSE® - AURORA - NOVA - G-SERIES

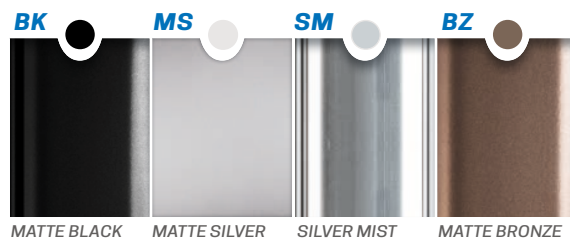
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## FINISHES



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All bases have a +/- 10 lbs (4.5kg.) weight tolerance based on a variety of variables. Overall diameter tolerance of +/- 1"

**ECLIPSE® SPECIFIC MOUNTING**



**40Gx3 - MAX GALVANIZED STEEL STACK**

**W:** 555 lbs./252 kg. **D:** 40"/101cm **H:** 2"/5cm

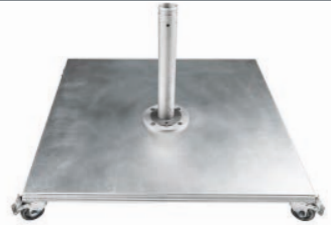
40G Galvanized Steel Plate(s) - Triple Stack



**36G-SQx3 - MAX GALVANIZED STEEL STACK**

**W:** 600 lbs./272 kg. **D:** 36"/91cm **H:** 2"/5cm

36G-SQ Galvanized Steel Plate(s) - Triple Stack



**36G-SQx3 - MAX GALVANIZED STEEL STACK**

**W:** 614 lbs./272 kg. **D:** 36"/91cm **H:** 6.5"/16.5cm

36G-SQ Galvanized Steel Plate(s) - Triple Stack

**ADDED OPTION WHEELS +W**



**NGU550 - GALVANIZED STEEL MAX**

**W:** 550 lbs./249 kg. **D:** 45"/114cm **H:** 5"/13cm

Galvanized Steel Base - Concrete, Paver Filled (Included)



**ECU-480 - GALVANIZED STEEL BASE**

**W:** 80 lbs./36 kg. **D:** 34"/86cm **H:** 6.5"/16.5cm

12: 2"x 16" Concrete Paver Required  
RESIDENTIAL ONLY / SHIPS EMPTY



**ECU-480+W - GALVANIZED STEEL BASE + WHEELS**

**W:** 94 lbs./43 kg. **D:** 34"/86cm **H:** 11"/28cm

12: 2"x 16" Concrete Paver Required  
RESIDENTIAL ONLY / SHIPS EMPTY  
**ADDED OPTION WHEELS +W**



**ECU-DP - DIRECT SURFACE MOUNTING PLATE**

**W:** 12 lbs./5 kg. **D:** 12.5"/32cm **H:** .5"/12.7mm

Use: **DIRECT SURFACE INSTALLATION**  
**INSTALLATION HARDWARE NOT INCLUDED**  
Directly mounted to decking or concrete surfaces.

Stainless Steel upgrade (**ECU-DP-SS**)



**ECU-IG - IN-GROUND MOUNT**

**W:** 18 lbs./8 kg. **D:** 8.5"/21cm **H:** 14"/35cm

Use: **IN-GROUND MOUNT INSTALLATION**  
Can be installed into soft soil, concrete or hard clay.  
Please consult a licensed professional for in-ground or surface mounting installations.

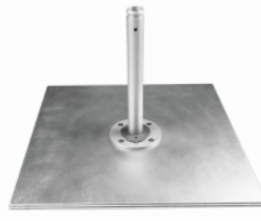
## AURORA SPECIFIC MOUNTING



**40G+36G - DOUBLE GALVANIZED STEEL STACK**

**W:** 335 lbs./152 kg. **D:** 40"/101cm **H:** 1"/2.5cm

40G+36G Galvanized Steel Plate(s) - Double Stack



**36G-SQx2 - DOUBLE GALVANIZED STEEL STACK**

**W:** 400 lbs./272 kg. **D:** 36"/91cm **H:** 1"/2.5cm

36G-SQ Galvanized Steel Plate(s) - Double Stack



**36G-SQx2+W - MAX GALVANIZED STEEL STACK**

**W:** 414 lbs./188 kg. **D:** 36"/91cm **H:** 6"/15cm

36G-SQ Galvanized Steel Plate(s) - Double Stack

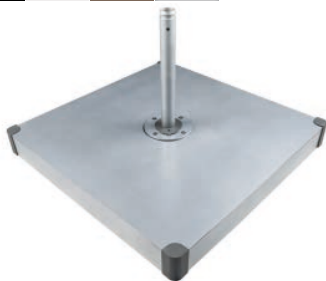
**ADDED OPTION WHEELS +W**



**ARU-480 - GALVANIZED STEEL BASE**

**W:** 80 lbs./36 kg. **D:** 34"/86cm **H:** 6.5"/16.5cm

12: 2"x 16" Concrete Paver Required  
SHIPS EMPTY



**XB+C- OPTIONAL COVER**

**W:** 5 lbs./2.5 kg. **D:** 40"/101cm **H:** 5"/12.7mm

Optional XB cover can purchased with the XB Modular Base.



**ARU-480+W - GALVANIZED STEEL BASE + WHEELS**

**W:** 94 lbs./43 kg. **D:** 34"/86cm **H:** 11"/28cm

12: 2"x 16" Concrete Paver Required  
SHIPS EMPTY  
**ADDED OPTION WHEELS +W**

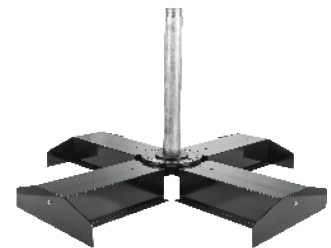


**ARU-DP - DIRECT SURFACE MOUNTING PLATE**

**W:** 12 lbs./5 kg. **D:** 12.5"/32cm **H:** .5"/12.7mm

Use: **DIRECT SURFACE INSTALLATION**  
**INSTALLATION HARDWARE NOT INCLUDED**  
Directly mounted to decking or concrete surfaces.

Stainless Steel upgrade (**ECU-DP-SS**)



**XB - MODULAR BASE**

**W:** 36 lbs./16 kg. **D:** 39"/99cm **H:** 5"/12cm

8: 2"x 16" Concrete Paver Required  
**RESIDENTIAL ONLY / SHIPS EMPTY**



**ARU-IG - IN-GROUND MOUNT**

**W:** 18 lbs./8 kg. **D:** 8.5"/21cm **H:** 14"/35cm

Use: **IN-GROUND MOUNT INSTALLATION**

Can be installed into soft soil, concrete or hard clay.  
Please consult a licensed professional for in-ground or surface mounting installations.

## NOVA SPECIFIC MOUNTING



**NGU550 - GALVANIZED STEEL MAX**

**W:** 550 lbs./249 kg. **D:** 45"/114cm **H:** 5"/13cm

Galvanized Steel Base - Concrete, Paver Filled  
(Included)

MS



**NGU-DP - DIRECT SURFACE MOUNTING PLATE**

**W:** 20 lbs./9 kg. **D:** 16"/40cm **H:** .5"/12.7mm

Use: **DIRECT SURFACE INSTALLATION**

**INSTALLATION HARDWARE NOT INCLUDED**



**NGU-IG - IN-GROUND MOUNT**

**W:** 18 lbs./8 kg. **D:** 8.5"/21cm **H:** 14"/35cm

Use: **IN-GROUND MOUNT INSTALLATION**

Can be installed into soft soil, concrete or hard clay.  
Please consult a licensed professional for in-ground  
or surface mounting installations.

PRODUCT SHOWN: GREENWICH - 883FM-SR-WHA

FINIAL: OPTION - VF CHROME VERTEX

Mounted with 36G+18ST2 Galvanized Steel Plate w/18" / 2" Stainless Steel Stem





## G-SERIES SPECIFIC MOUNTING



**40G/18ST2 - GALVANIZED STEEL PLATE**

**W:** 185 lbs./83 kg. **D:** 40"/101cm **H:** .5"/12.7mm

Accommodated Mast: 2"/50mm (18ST2)  
Use: FREE-STANDING OR TABLE

CAN BE STACKED

**18ST2 STEM REQUIRED**



**36G/18ST2 - GALVANIZED STEEL PLATE**

**W:** 150 lbs./68 kg. **D:** 36"/91cm **H:** .5"/12.7mm

Accommodated Mast: 2"/50mm (18ST2)  
Use: FREE-STANDING OR TABLE

CAN BE STACKED

**18ST2 STEM REQUIRED**



**36G-SQ/18ST2 - GALVANIZED STEEL PLATE**

**W:** 200 lbs./90 kg. **D:** 36"/91cm **H:** .5"/12.7mm

Accommodated Mast: 2"/50mm (18ST2)  
Use: FREE-STANDING OR TABLE  
CAN BE STACKED

**18ST2 STEM REQUIRED**



**36G-SQ+W - GALVANIZED STEEL PLATE + W**

**W:** 214 lbs./97 kg. **D:** 36"/91cm **H:** 5"/12.7cm

Accommodated Mast: 2"/50mm (18ST2)  
Use: FREE-STANDING OR TABLE  
CAN BE STACKED

**18ST2 STEM REQUIRED**  
ADDED OPTION WHEELS +W



**GS-480 - GALVANIZED STEEL BASE**

**W:** 80 lbs./36 kg. **D:** 34"/86cm **H:** 6.5"/16.5cm

12: 2"x 16" Concrete Paver Required  
SHIPS EMPTY



**GS-480+W - GALVANIZED STEEL BASE + WHEELS**

**W:** 94 lbs./43 kg. **D:** 34"/86cm **H:** 11"/28cm

12: 2"x 16" Concrete Paver Required  
SHIPS EMPTY  
ADDED OPTION WHEELS +W



**150A/18ST2 - PREMIUM ALUMINUM CONCRETE**

**W:** 150 lbs./68 kg. **D:** 30"/76cm **H:** 4"/10cm

Accommodated Mast: 2"/50mm (18ST2)  
Use: FREE-STANDING OR TABLE

**18ST2 STEM REQUIRED**



**BZ2-SM - IN-GROUND MOUNTING STEM**

**W:** 11 lbs./5 kg. **D:** 4"/10cm **H:** 16"/40cm

Accommodated Mast: 2"/50mm  
Use: IN-GROUND MOUNT INSTALLATION

Removable stem



# RESIDENTIAL TERMS & CONDITIONS

As a condition of doing business with Frankford Umbrellas, all persons involved in the commercial purchase, sale, or resale of Frankford products shall be bound by the following terms and conditions.

## DISTRIBUTION

Frankford reserves the right to respond to geographic and individual market, and competitive situations by applying different policies to its various Dealers. Frankford also reserves the right to rescind or modify, in its sole and absolute discretion, any existing or future sales program or policy, or credit terms (if any) extended to a Dealer. In addition, Frankford may terminate any authorized Dealer, for any reason or no reason, in its sole and absolute discretion and without notice.

## ERRORS

There may be errors in the prices, descriptions or images of certain merchandise in our catalog or sales material. Frankford reserves the right to restrict orders of those items.

## LIABILITY

In no event will Frankford be liable to the Dealer for any lost profits, lost savings, or any consequential, incidental or special damages arising out of or in connection with the parties' relationship, even if Frankford has been put on notice of the possibility of such damages. Without limitation to the foregoing, under no circumstances will Frankford be liable to the Dealer for punitive damages.

**DISCLAIMER:** Frankford reserves the right to alter or modify designs, product styles, product specifications and discontinue frames and fabrics to the entire range of manufactured and distributed products without prior notice.

## WIND DAMAGE

Wind ratings do not form part of, nor fall under, any Frankford Umbrellas' warranties. Wind ratings are intended as a guide to the relative strength of the umbrellas only and tested at their optimal positions. Umbrellas with any degree of tilt added should not follow any wind ratings on Pg. 55. Wind can be extremely variable, depending on the surroundings, elevation, angle of gusts, etc. In any high wind or sudden extreme weather conditions, all umbrellas should be closed and secured immediately regardless of size, weight or base weight and never be left unattended in the open position. This will reduce the risk of damage to your umbrella, furniture, and property.

Frankford Umbrellas' **2021-22 MSPR** and **CATALOG** contains minimum recommendations for necessary weight; but this can vary, depending on conditions.

## 10YR WARRANTY

Frankford offers 9 oz. marine grade solution dyed acrylic fabric from several mills, including Sunbrella®, Outdura, and Recasens®. All marine grade acrylic fabrics we use carry a warranty of 10 years from the original date of purchase. All upholstery grade fabrics we use carry a warranty of 5 years from the original date of purchase.

The warranty protects against the loss of characteristics, rot, mildew, and colorfastness typical in normal atmospheric conditions. The product must be properly installed, maintained, and under normal use and environment.

This warranty does not cover damage caused by contact with foreign objects, abuse, negligence, vandalism, burns of any kind, improper cleaning techniques, normal wear, perforations, weather soiling, environmental pollution stains, natural disasters, or acts of nature. Damage caused by the storage method or location used by clients is not covered.

**DISCLAIMER:** When opening and closing the umbrella, the user must be sure all fabric is pulled away from the ribs to prevent unnecessary rubbing of the fabric against the frame or hardware. This could result in premature wearing or holes in the fabric. Damage of this nature is not covered under warranty.

To ensure our product's longevity, we recommend closing your umbrella and securing it with a tie band in high winds. In addition, be sure the fabric is pulled away from the ribs as outlined above. High winds will cause the umbrella fabric to rub together, causing friction, which can result in premature thinning of the fabric, discoloration, and possible pin holes over extended use. We strongly suggest the use of a protective cover or safely storing the umbrella until the winds and harsh weather subside. Damage of this nature is not covered under warranty.

The warranty, if applicable, does not cover labor, frames, systems, and installation supplied by the dealer or reseller. Replacement fabric canopy is covered for the time remaining in the original warranty and does not activate a new 10-year, or 5-year warranty.

## 5YR WARRANTY

Frankford warrants the crank and auto tilt mechanisms in the MONTEREY for a period of 5 years from the original date of purchase. This warranty includes manufacturer defects of crank handles, crank axles, auto tilts, push button tilts, and para-cord.

Frankford warrants the frame structure of the ECLIPSE®, AURORA, NOVA, G-SERIES, GREENWICH, MONTEREY, CATALINA and, AVALON for a period of 5 years from the original date of purchase. This warranty includes manufacturer defects to the notch, runner, center pole and skeleton structure. This warranty does not include damages sustained to these umbrellas while in any degree of tilt.

## 3YR FINISH WARRANTY

Frankford warrants all powder coat finishes on aluminum masts in ECLIPSE®, AURORA, NOVA G-SERIES, GREENWICH, MONTEREY, CATALINA and LAUREL for a period of 3 years from the original date of purchase. This warranty includes chipping, peeling, flaking, bubbling, and fading of the powder coat finish on the aluminum masts only.

## 1YR WARRANTY

Frankford warrants the frame structure of the, LAUREL, EMERALD COAST, OAKWOOD BEACH CHAIR, SHADESTAR, LIFEGUARD, and BEACH CABANA for a period of one (1) year from the original date of purchase. This warranty includes manufacturer defects to the notch, runner, center pole and skeleton structure. Frankford warrants all UMBRELLA BASES for a period of one (1) year from the original date of purchase.

**DISCLAIMER:** This warranty covers manufacturing defects only. It does not cover breakage due to contact with foreign objects, chipping of the finishes, crumbling of concrete, or any damage associated with transporting the base.

## 3YR PARTS REPLACEMENT PROGRAM

In the event of damage that is not warrantable occurs to an umbrella from the MONTEREY collection, Frankford offers a free fiberglass rib replacement program for 3 years from the original date of purchase. Shipping charges are not included in this program.

## GALVANIZED G-PLATE BASE DISCLAIMER

Galvanized steel will show unavoidable imperfections due to the finishing process and therefore must be accepted in the condition in which they are received.

## RUST DISCLAIMER

Rust is a natural part of the aging process for all steel and iron-based materials, therefore it is not considered a defect and is not covered under any Frankford Umbrellas' warranties. Steel bases and mounts are designed to require minimum maintenance and should be kept clean and well maintained.

## SEASIDE AND INDOOR/OUTDOOR POOL USE

Seaside and indoor/outdoor pool use, salt & chlorides can accumulate on the powder coat finishes and on raw material finishes such as Matte Silver (**MS Umbrella specific**), and Polished Silver Anodized (**SR**), leading to premature finish failure.

Failure or neglect to make needed cleanings on powder coat finishes may cause paint to blister, flake, bubble, and such failure will void limited warranty.

Failure to maintain umbrella and base finishes may cause aluminum and metals to pit, oxidize or corrode. Such failure will void all warranties.

## GENERAL DISCLAIMER

Frankford Umbrellas' warranties do not cover damage to any umbrellas or umbrella bases related to extreme weather, abuse, misuse, or any damage that occurs as a result of contact with the ground or any other foreign object due to sudden and severe weather events or other extreme acts of nature.

Frankford Umbrellas' warranties are only applicable to products that are properly secured to Frankford bases or anchoring systems equal to or greater than recommended by Frankford. Failure to properly secure Frankford umbrellas to Frankford bases equal to or greater than recommended will void all warranties.

If warrant-able damage occurs, Frankford will refinish, replace or repair any item in this category at its own discretion.

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## WIND DAMAGE

Wind ratings do not form part of, nor fall under, any Frankford Umbrellas' warranties. Wind ratings are intended as a guide to the relative strength of the umbrellas only and tested at their optimal positions. Umbrellas with any degree of tilt added should not follow any wind ratings on Pg. 55. Wind can be extremely variable, depending on the surroundings, elevation, angle of gusts, etc. In any high wind or sudden extreme weather conditions, all umbrellas should be closed and secured immediately regardless of size, weight or base weight and never be left unattended in the open position. This will reduce the risk of damage to your umbrella, furniture, and property.

Frankford Umbrellas' **2021-22 MSRP** and **CATALOG** contains minimum recommendations for necessary weight; but this can vary, depending on conditions.

## 7YR WARRANTY

Frankford offers 9 oz. marine grade solution dyed acrylic fabric from several mills, including Sunbrella®, Outdura, and Recasens®. All marine grade acrylic fabrics we use carry a warranty of 7 years from the original date of purchase. All upholstery grade fabrics we use carry a warranty of 5 years from the original date of purchase.

The warranty protects against the loss of characteristics, rot, mildew, and colorfastness typical in normal atmospheric conditions. The product must be properly installed, maintained, and under normal use and environment.

This warranty does not cover damage caused by contact with foreign objects, abuse, negligence, vandalism, burns of any kind, improper cleaning techniques, normal wear, perforations, weather soiling, environmental pollution stains, natural disasters, or acts of nature. Damage caused by the storage method or location used by clients is not covered.

**DISCLAIMER:** When opening and closing the umbrella, the user must be sure all fabric is pulled away from the ribs to prevent unnecessary rubbing of the fabric against the frame or hardware. This could result in premature wearing or holes in the fabric. Damage of this nature is not covered under warranty.

To ensure our product's longevity, we recommend closing your umbrella and securing it with a tie band in high winds. In addition, be sure the fabric is pulled away from the ribs as outlined above. High winds will cause the umbrella fabric to rub together, causing friction, which can result in premature thinning of the fabric, discoloration, and possible pin holes over extended use. We strongly suggest the use of a protective cover or safely storing the umbrella until the winds and harsh weather subside. Damage of this nature is not covered under warranty.

The warranty, if applicable, does not cover labor, frames, systems, and installation supplied by the dealer or reseller. Replacement fabric canopy is covered for the time remaining in the original warranty and does not activate a new 7-year, or 5-year warranty.

## 3YR WARRANTY

Frankford warrants the frame structure of the ECLIPSE®, AURORA, NOVA, G-SERIES, GREENWICH and MONTEREY for a period of 3 years from the original date of purchase. This warranty includes manufacturer defects to the notch, runner, center pole and skeleton structure.

This warranty does not include damage sustained to these umbrellas while in any degree of tilt.

## 3YR FINISH WARRANTY

Frankford warrants all powder coat finishes on aluminum masts in ECLIPSE®, AURORA, NOVA G-SERIES, GREENWICH, MONTEREY, CATALINA and LAUREL for a period of 3 years from the original date of purchase. This warranty includes chipping, peeling, flaking, bubbling, and fading of the powder coat finish on the aluminum masts only.

## 2YR FRAME WARRANTY

Frankford warrants the crank and auto tilt mechanism in the MONTEREY and CATALINA for a period of 2 years from the original date of purchase. This warranty includes manufacturer defects of crank handles, crank axles, auto tilts, push button tilts, and para-cord.

## 1YR WARRANTY

Frankford warrants the frame structure of the, LAUREL, EMERALD COAST, OAKWOOD BEACH CHAIR, SHADESTAR, LIFE GUARD, and BEACH CABANA for a period of one (1) year from the original date of purchase. This warranty includes manufacturer defects to the notch, runner, center pole and skeleton structure. Frankford warrants all UMBRELLA BASES for a period of one (1) year from the original date of purchase.

**DISCLAIMER:** This warranty covers manufacturing defects only. It does not cover breakage due to contact with foreign objects, chipping of the finishes, crumbling of concrete, or any damage associated with transporting the base.

## GALVANIZED G-PLATE BASE DISCLAIMER

Galvanized steel will show unavoidable imperfections due to the finishing process and therefore must be accepted in the condition in which they are

## RUST DISCLAIMER

Rust is a natural part of the aging process for all steel and iron-based materials, therefore it is not considered a defect and is not covered under any Frankford Umbrellas' warranties. Steel bases and mounts are designed to require minimum maintenance and should be kept clean and well maintained.

## SEASIDE AND INDOOR/OUTDOOR POOL USE

Seaside and indoor/outdoor pool use, salt & chlorides can accumulate on the powder coat finishes and on raw material finishes such as Matte Silver (**MS Umbrella specific**), and Polished Silver Anodized (**SR**), leading to premature finish failure.

Failure or neglect to make needed cleanings on powder coat finishes may cause paint to blister, flake, bubble, and such failure will void limited warranty.

Failure to maintain umbrella and base finishes may cause aluminum and metals to pit, oxidize or corrode. Such failure will void all warranties.

## GENERAL DISCLAIMER

Frankford Umbrellas' warranties do not cover damage to any umbrellas or umbrella bases related to extreme weather, abuse, misuse, or any damage that occurs as a result of contact with the ground or any other foreign object due to sudden and severe weather events or other extreme acts of nature.

Frankford Umbrellas' warranties are only applicable to products that are properly secured to Frankford bases or anchoring systems equal to or greater than recommended by Frankford. Failure to properly secure Frankford umbrellas to Frankford bases equal to or greater than recommended will void all warranties.

If warrantable damage occurs, Frankford will refinish, replace or repair any item in this category at its own discretion.

# SHIPPING & RETURNS

## GROUND & FREIGHT DELIVERIES

Frankford would like to ensure the highest level of service. All of our products are made to order and shipped directly from us to you. Because of this, shipping times often vary depending on what product is ordered, what fabric is used (Grades A or A+, B, C, D, E, F), the quantity ordered, and the time of year the order is placed.

All small package and small quantity orders will be shipped using parcel companies (USPS, UPS, FedEx or other) unless otherwise specified. Some of our larger items and larger quantity shipments must be shipped with an LTL trucking company. Additional charges may be incurred for the following services: Lift Gate Service, Residential Delivery, Call Before Delivery, Express Delivery, Weekend/Holiday Delivery, Guaranteed Delivery, Redelivery, or Change of Address.

Frankford will not be responsible for any express shipping costs or order cancellations unless we have guaranteed a specific delivery date in writing. No verbal guarantees will be honored. Customer is responsible for additional charges added at the time of delivery (inside delivery, life gate, address change, etc.)

**PLEASE NOTE:** Freight quotes are only valid for 14 days.

## ORDER SCHEDULING

Deliveries may be disrupted by natural disasters, and other factors beyond our control. In these cases Frankford shall not be liable for any damages caused by a failure to deliver or delays in delivery.

Orders may be delayed due to lack of information on order form. Information includes, but is not limited to, shipping address, company/contact name, phone number, shipping method/instructions, item number/description. Frankford will not be responsible for charges incurred due to lack of information provided. For shipping quotes/inquiries, email a customer service representative.

## CANCELLATIONS

No cancellations, changes, additions, or holds will be accepted on any order for which materials have been ordered or produced.

Cancellations and/or changes of product or shipping dates on EARLY BUY orders must be received in writing within 15 days of the order date.

Cancellations and/or changes of product or shipping dates on ALL OTHER orders must be received in writing within one business day of the order date.

## VISIBLE DAMAGE

It's Dealer's/Customer's responsibility to check the merchandise for visible damage and file a claim with the carrier if the shipment was made using the dealer's carrier account. Request a claim form from the delivering carrier and file your claim immediately. If the shipment was made using Frankford's carrier and account, it is the Dealer's/Customer's responsibility to check the merchandise and notify Frankford Umbrellas within 24 hours of delivery, so that a claim can be filed. In either situation, make a notation on the Bill of Lading as to the nature and extent of the damage, take photos, check carton count and obtain a signature from the carriers' agent.

Failure to provide this information may result in the carrier refusing to honor the claim and Frankford will not, under this circumstance, be liable for damage sustained in transit.

## CONCEALED DAMAGE

If damage is discovered when unpacking the merchandise, immediately mark the damaged area and submit a written request for the carrier to inspect. Do not remove the merchandise from the original carton until the carrier inspection is complete. If the merchandise was shipped using Frankford's carrier and account, it is the Dealer's/Customer's responsibility to notify Frankford immediately and to provide all proper documentation so that a claim can be filed.

## SHORTAGES

It is the Dealer's/Customer's responsibility to inspect all merchandise and to file a claim with the carrier in the event of product shortage. Make a notation on the Bill of Lading as to the number of cartons short. Frankford must also be notified within 24 hours of any shortages. File the claim with the delivery carrier immediately. No claim for shortages, damaged items, or errors will be honored unless it is made in writing on the Bill of Lading immediately upon receipt of shipment. Notwithstanding anything to the contrary in this agreement, failure to make a claim on the Bill of Lading will constitute a waiver of any right to a refund or credit.

## GRADE A RETURNS

All requests for returns of stock merchandise must be made within 7 days of receipt of merchandise. Returns will not be accepted without a written Return Authorization (RA#) from the factory. It is the Dealer's/Customer's responsibility to follow routing instructions. Please fax/email a request for an RA#. Your request must include the following information:

- Company name, contact name and number
- The Frankford Umbrellas invoice and/or acknowledgment
- The item no., number of units to be returned and carton total
- The reason for the return
- Which carrier will be returning the items and the date of the shipment.

Any stock item that is returned for credit is subject to a 25% restocking fee (and must be properly packaged and in resalable condition), plus inbound and outbound freight charges.

**PLEASE NOTE:** ECLIPSE®, AURORA, NOVA, G-SERIES, and GREENWICH are considered custom orders. Returns will not be accepted.

## GRADE A+/F RETURNS

Umbrellas made with Grade A+ through F fabrics and/or have printing are not subject to a refund or credit. These items are manufactured or printed to the Dealer's/Customer's specifications, and as such may not be returned. No cancellations, changes, additions, or holds will be accepted on any order for which materials have been ordered or produced.

**PLEASE NOTE:** ECLIPSE®, AURORA, NOVA, G-SERIES, and GREENWICH are considered custom orders. Returns will not be accepted.

# CARE & MAINTENANCE

## FABRIC CARE

Recacril® 9 oz. Marine Grade Acrylic Fabric is treated with the Infinity Process. A highly technological finish, providing Recacril® with long-lasting protection against mold and mildew, excellent water and oil repellency, and protection from the sun. However, the accumulation of dust, pollution particles, foreign organic materials, and general dirt can damage this protection, shortening the life of the Recacril®.

To preserve the look of your umbrella they should be removed. The most effective method for maintaining Recacril® is to clean the canvas once a month with water using a low-pressure hose. It is very important that after cleaning with water, the canvas be allowed to completely dry before rolling or storing your umbrella. If for any reason you have to roll and/or store a wet umbrella, it must be unrolled and opened as soon as possible to dry. In times of continuous rain, it is advisable to keep the umbrella rolled and stored.

If periodic washing with water is done, in most environments, you should only need to do a more thorough cleaning every 2-3 years.

## FABRIC CRAZING/MARBLING

Crazing is an inherent characteristic of all solution-dyed acrylic fabrics and is caused by folding or creasing of the fabric during production or installation.

- Crazing lines appear as white lines on dark colored fabrics when front-lit, and dark lines on light colored fabrics when back-lit. The primary contributor to crazing are the resins added in the final stages of manufacturing. These resins add stiffness, so the fabric lies flat during sewing, which is critical for the manufacturing process.

These resins can be viewed as an industrial fabric starch with a specific end purpose. Crazing **DOES NOT** affect the performance or characteristics of Recasens®, Sunbrella®, Outdura® or other acrylic fabrics. The fabric remains water repellent as well as stain and mildew resistant, and the lines will diminish over time with exposure to the elements.

## CASUAL CARE & CLEANING

- Brush off dust and dirt with a soft brush. NEVER brush with stiff brushes since this can damage the fabric finish.
- Spray the umbrella with clean water. If a hose is used, avoid high pressure.
- Prepare a solution of solvent-free soap in warm water (no more than 100°F) and apply it to the fabric and stitching.
- Scrub with a soft brush, allowing the solution to penetrate the fabric.
- Rinse with water to remove all traces of soap.
- Let air dry and do not close the umbrella until the canvas is completely dry.

## INTENSIVE & CLEANING

Recacril® is highly resistant to the growth of fungus, mold, and mildew. However, these can grow on embedded dirt. To clean these stains, follow these more intensive cleaning procedures.

- Brush off dust and dirt with a soft brush. NEVER brush with stiff brushes as this can damage the fabric finish.
- Prepare a solution with 10% household bleach, 20% solvent-free neutral detergent (Free & Clear detergents) and 70% water.
- Apply the solution to the fabric, allowing to remain between 15 and 20 minutes maximum.
- Rinse with clean water several times. Any bleach residues remaining on the canvas, combined with the sun, could damage the fabric and stitching.
- Let air dry and do not close the umbrella until the canvas is completely dry.

## VINYL CARE

The most effective method for maintaining Frankford's heavy gauge vinyl is to clean the vinyl once a month with water using a low-pressure hose to prevent the accumulation of dust, pollution particles, foreign organic materials, and general dirt stains. For more embedded stains, brush the loose dirt away with a soft brush, rinse the vinyl material with a low-pressure hose and use a vinyl cleaner, sponge and lukewarm water to scrub away stubborn stains.

Do not use dish detergent. This will dry out the vinyl and expedite the aging process of the vinyl material.

## GENERAL BASE CARE

Do not let dirt build up on the bases. Bases should be cleaned with mild soap and water. Seasonal touch-up of any scratches, chips, occasional rust seepage from crevices or hidden or unfinished surfaces inherent in some designs is all that is required. Never leave bases standing in water. To keep your bases looking their best, you may wish to store them when not in use for an extended period of time.

**DISCLAIMER:** Finishes will vary slightly depending on the final process and raw materials on which it is applied.

## STEEL BASE/MOUNTS PREVENTIVE MAINTENANCE

**DISCLAIMER:** Ferrous metals are naturally in the air and can adhere and etch into any surface. These small particles can rust on the surface giving an unsightly look. To combat this, periodically hose powder coated steel bases, steel umbrella stems and steel mounts with warm fresh water and a mild detergent. This should be a part of a weekly routine to ensure the longevity of all steel products.

## POWDER COATED STEEL STEM AND BASE

- Upon receiving your powder coated steel base, and/or mount, apply a rust inhibitor to the inside of the steel stem. The stems are powder coated steel, however, the inside of the stem lacks total coverage, exposing the raw steel and accelerating natural deterioration.

**PRO TIP:** Before setting up your base, rinse with clean fresh water, towel dry or air dry, and apply **WD-40 SPECIALIST LONG TERM CORROSION INHIBITOR** to the entirety of the base. Repeat this twice a year to ensure the longevity of your base.

## VISUAL RUST

- If you notice rust stains, rinse the steel product with warm water and a mild detergent to determine its origin. Once the damaged area has been discovered, scrub off the visible rust using warm water, white vinegar and a stainless steel wire brush (steel wire brushes will leave further iron deposits on the surface).
- Once rust (orange oxidation) is visibly gone, apply a thin coat of **RUST-OLEUM® STOPS RUST® RUST INHIBITOR SPRAY** to the affected area. Then apply the closest matching **RUST-OLEUM®** paint available at your local hardware store.
- Rusty water stains may appear from rusting ferrous metal deposits on the surface, not the actual product. The most common place this would occur is from the umbrella stem/threads. Remove the stem, clean with warm fresh water, white vinegar and a soft sponge or brush.
- Dry off with a towel, and then apply **WD-40 SPECIALIST LONG TERM CORROSION INHIBITOR** to the threads of the umbrella stem and female receiving cup of the stem.



# WIND RATINGS

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Wind ratings do NOT form part of, nor fall under, any Frankford Umbrellas' warranties. Wind ratings are intended as a guide to the relative strength of the umbrellas only and tested at their optimal positions. Umbrellas with any degree of tilt should not follow the below wind ratings. Wind can be extremely variable, depending on the surroundings, elevation, angle of gusts, etc. In any high wind or sudden extreme weather conditions, all umbrellas should be closed and secured immediately regardless of size, weight or base weight and never be left unattended in the open position. This will reduce the risk of damage to your umbrella, furniture, and property.

Frankford can recommend specific bases and anchoring systems for specific umbrella types (pg. 22). However, these are only recommended weights, as different environments may require different base options. Umbrellas must be secured to an umbrella base.

Please contact us for assistance in choosing the proper umbrella base or anchoring system. In the event Frankford shade products are left open and/or unattended in harsh weather conditions, our customer service department is here to help you and promptly assist with parts for repairs. Our shade products offer modular, self-repairable components which allow customers to service the umbrellas to keep them in perfect working condition.

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## **ECLIPSE® CANTILEVER**

Engineered to withstand 35 MPH sustained winds.  
The addition of the wind stabilizer bars increases this tolerance by 5 MPH.

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## **ECLIPSE® RECTANGLE CANTILEVER**

Engineered to withstand 20 MPH sustained winds.  
The addition of the wind stabilizer bars increases this tolerance by 5 MPH.

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## **AURORA CANTILEVER**

Engineered to withstand 25 MPH sustained winds.  
The addition of the wind stabilizer bars increases this tolerance by 5 MPH.

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## **NOVA GIANT TELESCOPING**

Engineered to withstand 50 MPH sustained winds.

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## **G-SERIES GIANT MARKET**

GREENWICH Engineered to withstand 35 MPH sustained winds.  
MONTEREY Engineered to withstand 40 MPH sustained winds.

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## **GREENWICH ALUMINUM MARKET**

Engineered to withstand 35 MPH sustained winds.

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## **MONTEREY FIBERGLASS MARKET**

Engineered to withstand 40 MPH sustained winds.

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## **CATALINA MODERN FIBERGLASS PATIO**

Engineered to withstand 35 MPH sustained winds.

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## **LAUREL CLASSIC STEEL PATIO**

Engineered to withstand 25 MPH sustained winds.

*Frankford Umbrellas have been tested successfully in extreme weather and winds up to 40 - 50 MPH, however, we strongly recommend closing your umbrella when not in use, or when sustained winds exceed 25 MPH.*

e x c e p t i o n a l   s h a d e



**FRANKFORD UMBRELLAS** 2022  
NORTH AMERICAN HEADQUARTERS

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*@frankfordshade*

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# Discover

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