



Product Description of the Uhlmann StrongWind Umbrellas

"Inner strength and outer beauty" is a fair characterization of our StrongWind Umbrellas. Their unrivaled strength is combined with beauty and sophistication that is presented with meticulous workmanship. Their rugged strength makes them the perfect selection for hill tops, roof tops, lakesides and ocean sides, - and any windy location where extra strength is necessary. They are very popular in the hospitality industry, - hotels, restaurants, cafes, pubs, municipalities, theme parks rely on their exceptional strength.

Unique on the market, our StrongWind umbrellas exceeded the 102 kilometer or 60 miles per hour sustained wind mark in a TUV Certified wind tunnel test.

Adjacent square or rectangular umbrellas can be linked with rain gutters to cover extremely large areas.

Multiple methods of permanent installations ensure easy and safe operation. Large selection of optional accessories increases the functionality of our umbrellas and creates the perfect "weather shade".

Our canopies provide an eye catching focal point in any environment. They are designed to be stylish from the most elegant to the most casual setting, and to match and complement any decor.

The Frame

- Powder coated aluminum profiles resist peeling, chipping, rusting and oxidation to remain easy to clean, maintenance free and permanently appealing.
- The frame is constructed with the highest grade materials and the large diameter and wall thickness of the mast ensure longevity, high wind stability and trouble free operation.
- Reinforced arms and stable hinge points enhance the strength and stability of the frame.
- All roof and supporting arms are individually replaceable with the simplest tools for easy serviceability.
- Adjustable main arms assure taught canopies and easy installation and removal from the frame.
- White powder coating (RAL 9016) is standard. Optional RAL colors include black, bronze, gray and silver.
- Optional wood finishes and marble finishes are also available.

The Mechanics

- The Uhlmann telescopic umbrella design, with cranked lever operation, is exceptionally strong, durable and stable in the wind.
- Our StrongWind umbrellas, like their predecessor the Type T, operate with a fixed hub. The roof arms are attached individually to the telescope plate and each supporting arm is individually attached to the mast plate. The mast plate is welded to the mast.
- The telescopic system is designed with a special spindle lift. The telescopic part moves on high density plastic bearing, - guided to prevent rotation or twisting.

- The maintenance free gearbox is built into the mast. The gears are treated to withstand maximum torque.
- All StrongWind umbrellas have a high table clearance to fold up above the tables without disturbing their contents. Even the largest StrongWinds can be easily and safely operated.

The Drive

- The drive crank handle locks the spindles automatically in every opening/closing position, to prevent accidental opening or closing of the umbrella.
- The cranking handle is removable for ecstatic and safety reasons.

The Canopy

- Available with or without valances in two high quality materials with excellent characteristics. Both materials stand up exceptionally against harsh weather conditions for many years. The fabric will not stretch or shrink, have excellent resistance to wind tear-outs, repel dirt and resist fading. They are moisture resistant, but "breath" to provide extra cooling effect.
- Dolan (or Sunbrella) material is a strong awning and marine grade material, 100% solution dyed Sunacrylic fabric in 22 standard and 50 plus specialty colors (11 fire retardant colors are available)
- Airtex fabric is Acrylic/Teflon on top side, a lighter weight material in 28 standard colors,

Optional Accessories

- Gutters to provide continuous shade or rain protection (applied to umbrellas with or without valances)
- Easy to add/remove side panels with optional transparent windows and roll-up doors
- Energy saving infrared heaters with extreme shock resistant heater elements,
- mounted on fold down arms, using curly cables
- Light fixtures mounted on the mast, complete with energy efficient, long lasting lamps
- Screen printing on roof sections or valances
- Protective covers for shipping and storing

Installations

- Permanent installation for new constructions or for existing concrete surface
- Custom solutions for permanent installation on roof tops and terraces
- Stair step solution to bring umbrellas installed on different levels to the same height
- Portable bases are not recommended for StrongWind umbrellas, however, they can still be used under special circumstances.



Contact us at www.uhlmann-giantumbrellas.com