



Product Description of the Uhlmann Type TL Umbrellas

The Uhlmann Type TL Umbrellas stand out of the crowd with their visual appeal, durability, and practicality. Regardless whether they are used in commercial, municipal and residential environments, our customers' comments reflect on how our umbrellas create an attractive and functional outdoor area from an otherwise ordinary place. Combined with reasonable pricing it is a total win situation for value minded customers.

Built with 10 or 12 exceptionally strong arms, we offer the Type TL model in 12 sizes, in octagonal, square and rectangular shapes. Custom sizes are also available by request. 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. With our large selection of optional accessories the perfect "weather shade" can be created.

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

The Frame

- Powder coated aluminum profile resists 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 to ensure high wind stability and durability.
- The Type TL umbrellas operate with a moving hub. In addition to the telescope, these umbrellas have a slider mechanism. The roof arms are mounted individually to the telescope plate and the supporting arms are individually bolted to the slider plate. The slider is connected to the telescope with two stainless steel wires. The telescope and the slider are moving together (but in opposite direction), enabling the very easy operation of the umbrella.

- Their 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.

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

- The canopies are 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. Fire retardant fabric is available in 11 colors.
- 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,
- Light fixtures, - complete with energy efficient, long lasting lamps, are mounted on roof arms
- 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 with height adjustment to eliminate unevenness of the ground



Contact us at www.uhlmann-giantumbrellas.com