



# 9' UMBRELLA w/Aluminum Pole

## Model 93660

**Materials:**

100% polyester, antique beige colored fabric. UV treated, mildew resistant with eight ribs, 9 ft. long, and an aluminum pole with a tilt mechanism that will angle at a 45 degree angle, left or right.



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### UNPACKING

When unpacking, check to make sure all parts shown on the back of this instruction sheet are included. If any parts are missing or broken, please call Harbor Freight Tools at the number shown on the front of this sheet as soon as possible.

### ASSEMBLY AND OPERATING INSTRUCTIONS

**NOTE:** All parts below refer to the parts listed on the reverse side of this instruction sheet.

- Caution:** DO NOT attempt to use this Umbrella in moderate or high wind conditions. Doing so may cause personal injury and/or damage to the Umbrella and personal property. Be careful not to pinch fingers when opening and closing the Umbrella.
- To assemble, insert Lower Pole (8) with its threaded end upward, securely into a **heavy duty** umbrella stand.  
**NOTE:** This Umbrella is intended for use only with a heavy duty umbrella stand which is not provided with this product. Adjustable, heavy duty umbrella stands are sold separately by special order from Harbor Freight Tools (SKU 94041).
- Screw the Connector/Crank (7) onto the threaded end of the Lower Pole.
- Screw the Upper Pole (6), with its pre-attached upper umbrella assembly, securely into the top of the Connector/Crank.
- Hand crank the Connector/Crank *clockwise* in order to raise the Hub/Runner (5) above the self-locking Safety Lock (10), thereby locking the upper umbrella assembly into place. *The Umbrella is now ready for use.*
- If you wish to tilt the upper part of the umbrella for shade, press the "push button". It will tilt to a 45 degree angle. To straighten up, reverse the tilt until the tilt mechanism "clicks" into place for safety. **Note:** When tilting, opening, or closing the umbrella, watch your head for injuries. **See Figure 1.**
- When finished using the Umbrella, crank the Connector/Crank *counterclockwise* until the upper umbrella assembly is completely closed.

Hub/Runner (5)

Push Button (9)



Figure 1

### CLEANING AND MAINTENANCE

- To clean, fully open the Umbrella. Wipe with a clean, damp cloth, using a mild soap with water if necessary.
- Periodically, lightly lubricate all moving parts.

**SEE REVERSE SIDE OF THIS INSTRUCTION SHEET FOR PRODUCT WARNINGS, PRECAUTIONS, PARTS LIST, AND ASSEMBLY DIAGRAM.**

## SAFETY WARNINGS AND PRECAUTIONS

**1. KEEP PRODUCT USAGE AREA CLEAN.**

Cluttered areas invite injuries.

**2. KEEP CHILDREN AWAY FROM PRODUCT USAGE AREA.** Do not allow children to handle this product.

**3. DO NOT SET UP THIS PRODUCT IF UNDER THE INFLUENCE OF ALCOHOL OR DRUGS.** Read warning labels on prescriptions to determine if your judgement or reflexes are impaired while taking drugs. If there is any doubt, do not attempt to use this product.

**4. USE EYE PROTECTION DURING ASSEMBLY.** Wear ANSI approved safety impact eye goggles. The ANSI approved safety impact goggles are available from Harbor Freight Tools.

**5. DO NOT ATTEMPT TO ASSEMBLE OR USE THIS PRODUCT IN MODERATE OR HEAVY WIND CONDITIONS.** Doing so may cause personal injury and/or damage to the umbrella and personal property.

**6. CHECK FOR DAMAGED PARTS.** Before using this product, carefully check that it will operate properly and perform its intended function. Check for damaged parts and any other conditions that may affect its operation. Replace or repair damaged or worn parts immediately.

**7. MAINTENANCE:** Service and maintenance should be performed regularly by a qualified technician.

**8. USE THE RIGHT PRODUCT FOR THE RIGHT JOB.** There are certain applications for which this product was designed. Use this product ONLY with a heavy duty stand, weighing at least 18 Lbs., and capable of firmly securing this umbrella. Do not use this product in a way for which it is not intended.

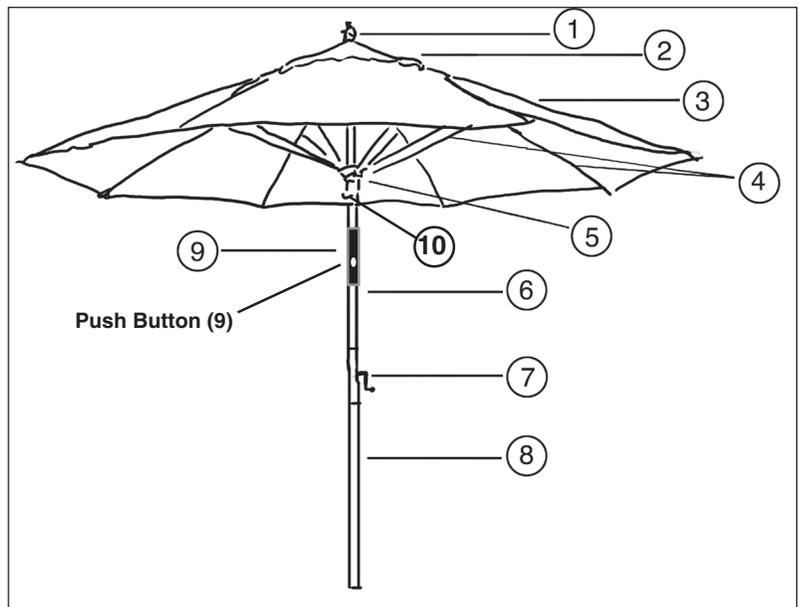
### SAVE THIS INSTRUCTION FLYER

You will need this instruction flyer for the Operating and Maintenance Procedures, Safety Warnings and Precautions, Parts List and Assembly Diagram. Keep your invoice with this instruction flyer. Write the invoice number on the front of this flyer. Keep this instruction flyer and invoice in a safe and dry place for future reference.

**NOTE:** Some parts are listed and shown for illustration purposes only, and are not available individually as replacement parts.

### PARTS LIST / ASSEMBLY DIAGRAM

PART #	DESCRIPTION	QTY
1	Top Finial	1
2	Air Vent	1
3	Cover	1
4	Rib	8
5	Hub/Runner	1
6	Upper Pole	1
7	Connector/Crank	1
8	Lower Poll	1
9	Tilt Mechanism w/ Push Button	1



### PLEASE READ THE FOLLOWING CAREFULLY

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS DIAGRAM IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER NOR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.