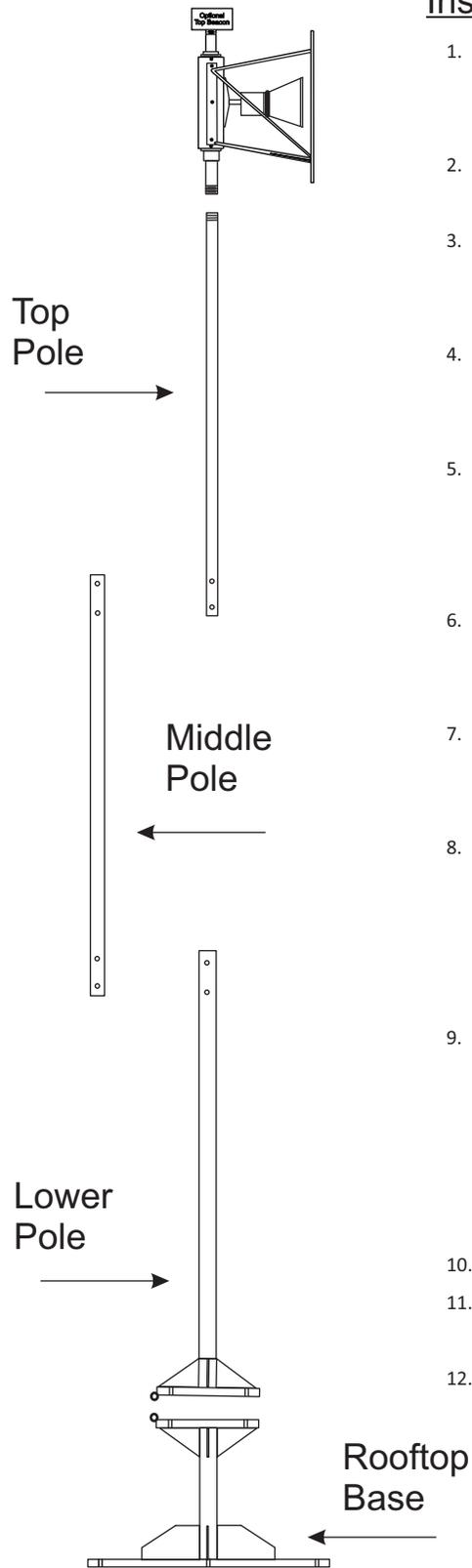


BDS WP16R-SS Rooftop Mount Windsock Pole Assembly Drawing

Installation Instructions:



1. Select a flat surface on the rooftop where the 16" x 16" Rooftop Base can bolt to a structurally sound component of the roof. This should be a secure location on the rooftop where the complete hinged windsock pole can be lowered safely.
2. If installing a BDS Internally Lighted Windsock Frame on the top of the windsock pole, place the Rooftop Base where AC power is available or solar powered unit is suitable.
3. Bolt the 16" x 16" Rooftop Base to the roof with eight (8) ½" hex head screws and locknuts supplied by others. Make sure the Rooftop Base is plumb for installation of the three (3) upper windsock pole sections.
4. In a vertical position, align the Lower Pole's 6" x 6" plate with the Rooftop Base's 6" x 6" plate. Make sure the barrels/knuckles of the hinge are aligned. Once aligned, slide the supplied hinge pin through the hinge barrels/knuckles and secure in place with the supplied hairpin cotter pin.
5. The three (3) Upper 5.5-foot pole sections are placed in tandem like a flagpole and bolted together. First, place the Lower Pole in a horizontal position and insert the Middle Pole. Be careful when sliding these pole sections together to align holes. If the holes are not properly aligned, rotate 180 degrees.
6. Once aligned, install two (2) 3/8" x 3" long socket head screws and nylon-insert locknuts supplied by BDS. Tighten with the supplied 5/16" L-Key.
Note: Lower Pole = 2" OD, Middle Pole = 1.25" sch 40
7. Next, insert the Top Pole into the Middle Pole and align the holes. Once aligned, install the two (2) supplied 3/8" x 2.5" long socket head screws and nylon-insert locknuts. Tighten with the supplied 5/16" L-Key. Note: Middle Pole = 1.25" sch 40, Top Pole = 1" sch 40
8. The Top Pole has a 1" NPT connection at the top. Attach your BDS Windsock Frame Assembly to the Top Pole using the 1" coupling supplied with your BDS Windsock Frame.
Note: There is a ¾" hole in the Bottom Pole for wiring if installing a BDS Lighted Windsock Frame. Lighted windsock frame and top beacon wires must be fished through the entire windsock pole and then exit through this hole..
9. Raise the entire windsock pole to a vertical position. Install the four (4) supplied ½" x 2" long hex head screws and hex nuts into the four (4) holes in the two (2) 6" x 6" base plates. This will secure the windsock pole in an upright position.
Note: The hinge will no longer be operational. The four (4) supplied ½" x 2" long hex head screws and hex nuts will have to be removed to allow the hinge to operate and lower the windsock pole.
10. Make sure all screws and nuts are tightened and secure.
11. Ground windsock pole according to code. Note: green ground screw on the bottom of the lower pole.
12. Install all items per local ordinances and safety codes.

No Scale

BDS SYSTEMS INC.

939 NATHANIEL TRAIL • WARWICK, PA 18974

DRAWN
KLB

DATE
03/25/22

WP16R-SS Assemble Dwg

APPD
RBB

DATE
12/21/21

BDSWPAssembledwg.des

REV

Specifications subject to change without notice