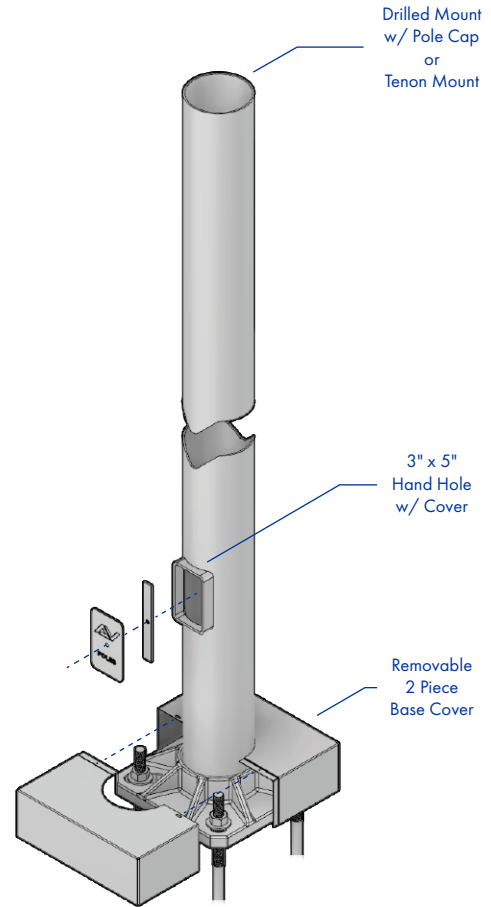
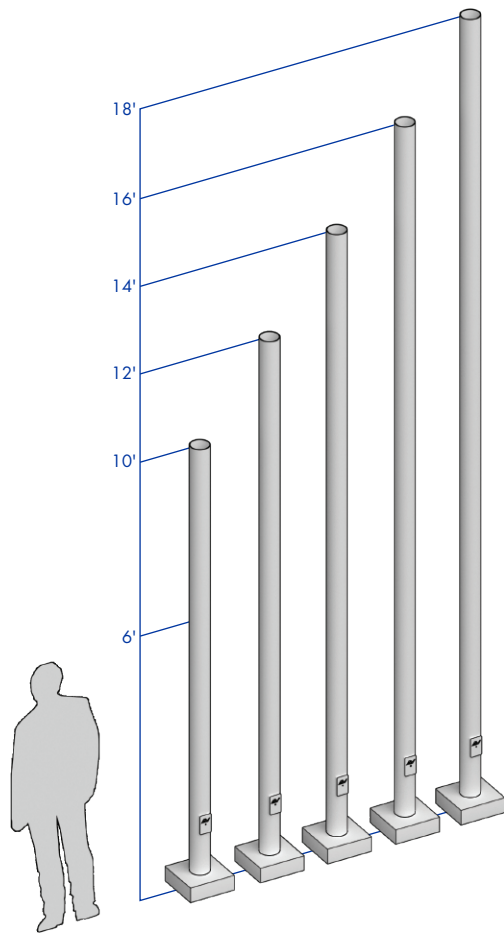


## 5" ROUND STRAIGHT ALUMINUM (0.125 Standard Wall)



**SHAFT:** One-piece extruded 6063 aluminum alloy tube heat treated to a T6 temper.

**GROUNDING:** Provision; 3/8-16 Threaded stud welded to inner shaft wall opposite hand hole. Flat washer and hex nut provided.

**HARDWARE:** S304 stainless steel



**FINISH:** TGIC thermoset polyester powder coat finish is electrostatically applied at a 3.0 mil minimum thickness. A five stage metal pretreatment process and sealer provide maximum corrosion resistance. The powder top coat is baked in excess of 400 degrees for supreme endurance.

### POLE SCHEDULE

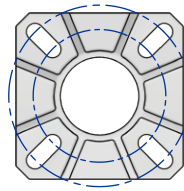
### E.P.A. DATA SCHEDULE

Calculations based on sustained wind forces plus additional 1.3 mph gust.

| CATALOG NUMBER | POLE HEIGHT | SHAFT SIZE | WALL THICKNESS | BOLT CIRCLE | ANCHOR BOLTS  | MAX. FIXT. WT. | 70 MPH | 80 MPH | 90 MPH | 100 MPH |
|----------------|-------------|------------|----------------|-------------|---------------|----------------|--------|--------|--------|---------|
| RSA-105-125    | 10'         | Ø5"        | 0.125"         | 11.75"      | 1" x 36" x 4" | 175            | 19.0   | 14.1   | 11.0   | 8.9     |
| RSA-125-125    | 12'         | Ø5"        | 0.125"         | 11.75"      | 1" x 36" x 4" | 175            | 14.8   | 10.8   | 8.5    | 7.0     |
| RSA-145-125    | 14'         | Ø5"        | 0.125"         | 11.75"      | 1" x 36" x 4" | 175            | 11.1   | 7.3    | 5.7    | 4.6     |
| RSA-165-125    | 16'         | Ø5"        | 0.125"         | 11.75"      | 1" x 36" x 4" | 100            | 7.5    | 5.4    | 4.2    | 3.4     |
| RSA-185-125    | 18'         | Ø5"        | 0.125"         | 11.75"      | 1" x 36" x 4" | 100            | 5.8    | 4.0    | 3.1    | 2.4     |

## ANCHOR PLATE

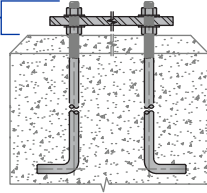
**ANCHOR PLATE:** Fabricated from cast A356 aluminum alloy and heat treated to a T6 temper. Base plate and shaft are circumferentially welded top and bottom. The anchor base is constructed with slotted anchor bolt holes.



**AL-5 Template**  
11" x 11" x 1" Anchor Plate  
11.5" - 11.75" DIA. Bolt Circle

**Bolt Projection Above Grade**

Minimum.....3.25"  
Maximum.....3.75"

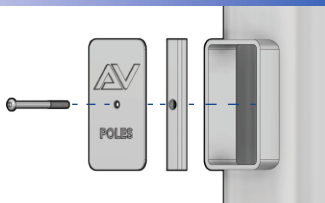
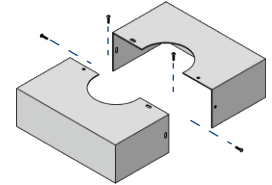
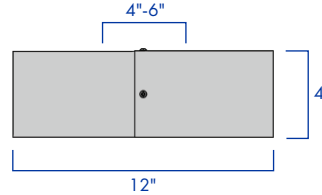


## ANCHOR BOLTS

**ANCHOR BOLTS:** Fabricated from hot-rolled carbon steel bar with minimum yield strength of 55,000 PSI. Bolts are fully galvanized and conform to ASTM-F1554 A55. Each bolt is furnished with two hex nuts and two flat washers.

## BASE COVER

**BASE BOLT COVER:** Two-piece standard full base cover is fabricated from heavy gauge quality carbon steel and pretreated with corrosion inhibitors. Provided with S304 stainless steel hardware. Spun and cast aluminum covers are available.



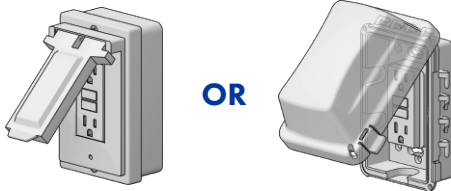
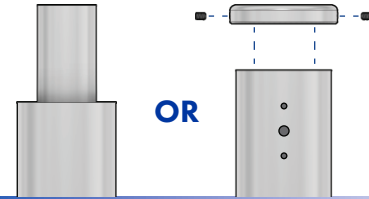
## HAND HOLE

**HAND HOLE:** Reinforced 3" x 5" hand hole is located 18" above base. Cover and attachment hardware provided.

## TENON OR DRILL MOUNT

**TENON MOUNT:** Available with 2.375" O.D. or 2.875" O.D. tenon

**DRILL MOUNT:** Removable top cap provided with drill-mount poles



## GFI RECEPTACLE

**GFI-METAL COVER:** 2 gang vertical GFI receptacle with NEC 2017 Section 406.9(B)(1) compliant metal cover.

**GFI-WEATHER PROOF IN-USE COVER:** 2 gang vertical GFI receptacle with In Use Non Metallic cULus listed cover.

## ORDERING INFORMATION

AVPL-RSA -

| HEIGHT | SHAFT           | SHAFT WALL              | MOUNTING               | GFI                                       | ACCESSORIES               | FINISH             |
|--------|-----------------|-------------------------|------------------------|---|---------------------------|--------------------|
| 10'    | 5"<br>Ø5" Round | 0.125"<br>Standard Wall | PT23<br>Ø2.375" TENON  | GFI<br>with METAL COVER                   | BEB<br>BANNER EYE BOLT    | DBZ<br>DARK BRONZE |
| 12'    |                 |                         | PT27<br>Ø2.875" TENON  | GFI<br>with WEATHER PROOF<br>IN-USE COVER | CPLN<br>THREADED COUPLING | BLK<br>BLACK       |
| 14'    |                 |                         | 1@90<br>POLE DRILLING  |   | BA<br>BANNER ARMS         | WHT<br>WHITE       |
| 16'    |                 |                         | 2@90<br>POLE DRILLING  |   | BH<br>BASKET HOLDERS      | GRY<br>GREY        |
| 18'    |                 |                         | 2@180<br>POLE DRILLING |   | FH<br>FLAG HOLDERS        | GRN<br>GREEN       |
|        |                 |                         | 3@90<br>POLE DRILLING  |   |                           | GALV<br>GALVANIZED |
|        |                 |                         | 3@120<br>POLE DRILLING |   |                           |                    |
|        |                 |                         | 4@90<br>POLE DRILLING  |   |                           |                    |

CONTACT  
FACTORY FOR  
HEIGHT OPTIONS

CONTACT  
FACTORY FOR  
DRILLING OPTIONS

CONTACT  
FACTORY FOR  
DETAILS

ALL RAL COLORS  
AVAILABLE