RSA 6-250

6" ROUND STRAIGHT ALUM. (0.250 Heavy Wall)

POLES & LIGHTING

Job Name: _____ Location: _____ Quote: _____

Client Name: _____ Type: _____ Quote Date: _____

AV POLES & LIGHTING
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Lancaster, CA 93535
Toll Free: (844) 770-AVPL
Fax: (661) 945-2764
sales@avpltg.com
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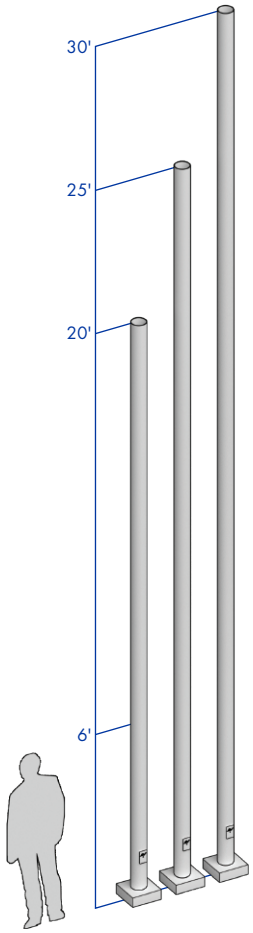
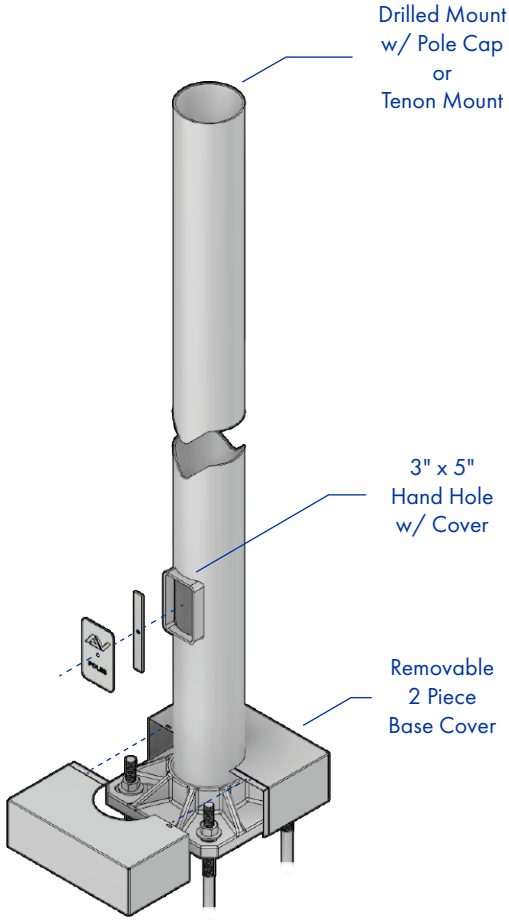




SUITABLE FOR WET LOCATIONS

DBZ BLK WHT GRY GRN

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

CATALOG NUMBER	POLE HEIGHT	SHAFT SIZE	WALL THICKNESS	BOLT CIRCLE	ANCHOR BOLTS
RSA-206-250	20'	Ø6"	0.250"	13.00"	1" x 36" x 4"
RSA-256-250	25'	Ø6"	0.250"	13.00"	1" x 36" x 4"
RSA-306-250	30'	Ø6"	0.250"	13.00"	1" x 36" x 4"

E.P.A. DATA SCHEDULE

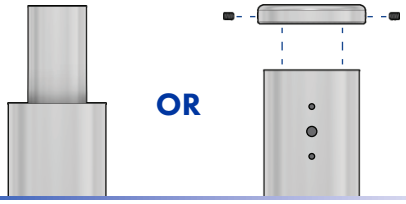
Calculations based on sustained wind forces plus additional 1.3 mph gust.

MAX. FIXT. WT.	70 MPH	80 MPH	90 MPH	100 MPH
275	13.3	10.0	7.9	6.2
275	8.2	6.1	4.5	3.5
275	5.1	3.7	2.3	1.8

TENON OR DRILL MOUNT

TENON MOUNT: Available with 2.375", 2.875", or 3.00" O.D. tenon

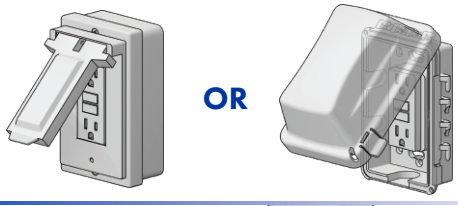
DRILL MOUNT: Removable top cap provided with drill-mount poles



GFI RECEPTACLE

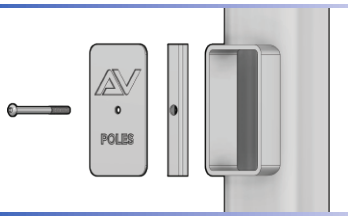
GFI-METAL COVER: 2 gang vertical GFI receptacle with NEC 2017 Section 406.9(B)(1) compliant metal cover.

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



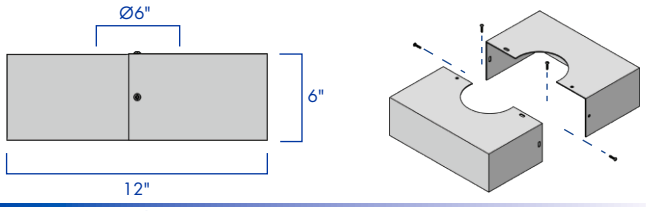
HAND HOLE

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



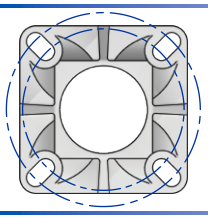
BASE COVER

BASE BOLT COVER: Two-piece standard full base cover is fabricated from folded aluminum and provided with S304 stainless steel hardware. Round cast or spun aluminum base covers are available.



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.



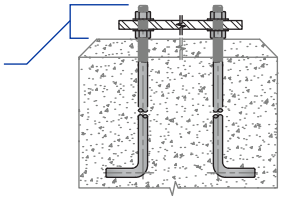
AL-6 RD Template
12" x 12" x 1" Anchor Plate
11" - 13" DIA. Bolt Circle

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.

Bolt Projection Above Grade

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



ORDERING INFORMATION

AVPL-RSA - _____ - _____ - _____ - _____ - _____ - _____ - _____

HEIGHT	SHAFT	SHAFT WALL	MOUNTING	GFI	ACCESSORIES	FINISH
20'	**6"** Ø6" Round	**0.250"** Heavy Wall	**PT23** Ø2.375" TENON	**GFI** with METAL COVER	**BEB** BANNER EYE BOLT	**DBZ** DARK BRONZE
25'			**PT27** Ø2.875" TENON	**GFI** with WEATHER PROOF IN-USE COVER	**CPLN** THREADED COUPLING	**BLK** BLACK
30'			**PT30** Ø3.00" TENON		**BA** BANNER ARMS	**WHT** WHITE
			1@90 POLE DRILLING		**BH** BASKET HOLDERS	**GRY** GREY
			2@90 POLE DRILLING		**FH** FLAG HOLDERS	**GRN** GREEN
			2@180 POLE DRILLING			**ANOD** ANODIZED
			3@120 POLE DRILLING			
			4@90 POLE DRILLING			
CONTACT FACTORY FOR HEIGHT OPTIONS			CONTACT FACTORY FOR DRILLING OPTIONS		CONTACT FACTORY FOR DETAILS	ALL RAL COLORS AVAILABLE