

ROUND TAPERED ALUMINUM



SPECIFICATIONS

- SHAFT:** SPUN TAPERED FROM 6063 ALLOY ALUMINUM TUBING. HEAT TREATED TO PRODUCE A T6 TEMPER. SHAFT INCLUDES A PERIPHERALLY REINFORCED HAND HOLE FURNISHED WITH COVER. SHAFT IS FURNISHED WITH GROUND LUG LOCATED ON CAST ALUMINUM BASE PLATE.
- BASE PLATE:** CAST ALUMINUM CONSTRUCTED OF A-356 ALUMINUM ALLOY HEAT TREATED TO PRODUCE A T6 TEMPER. STRUCTURALLY ENGINEERED BASE INCLUDES EIGHT HEAVY WALL REINFORCING VERTICAL GUSSETS. BASE TELESCOPES AND IS CIRCUMFERENTIALLY WELDED TO SHAFT AT BOTH THE OUTSIDE TOP AND INSIDE BOTTOM OF THE BASE.
- ANCHORAGE:** [4] ANCHOR BOLTS FABRICATED FROM HOT ROLLED STEEL BAR. MINIMUM YIELD STRENGTH OF 50,000 P.S.I. BOLTS HAVE "L" BEND ON ONE END AND ARE THREADED ON THE OTHER END. BOLTS ARE FULLY GALVANIZED AND ARE FURNISHED WITH TWO NUTS AND TWO WASHERS.
- BASE COVER:** FABRICATED FROM HEAVY WALL ALUMINUM CONSTRUCTION. TWO PIECE COVER ENTIRELY CONCEALS BASE
- FINISH:** POLYESTER POWDER COAT-STATE OF THE ART 20 PSI PRESSURE POWER WASH AT 140° TEMPERATURE INCORPORATES FOUR STEP IRON PHOSPHATE PROCESS TO CLEANSE AND PRETREAT THE METAL SURFACE FOR MAXIMUM PAINT ADHESION. ELECTROSTATICALLY APPLIED TEXTURED POLYESTER POWDER TOPCOAT IS BAKED AT 400° TEMPERATURE FOR MAXIMUM HARDNESS AND EXTERIOR DURABILITY.

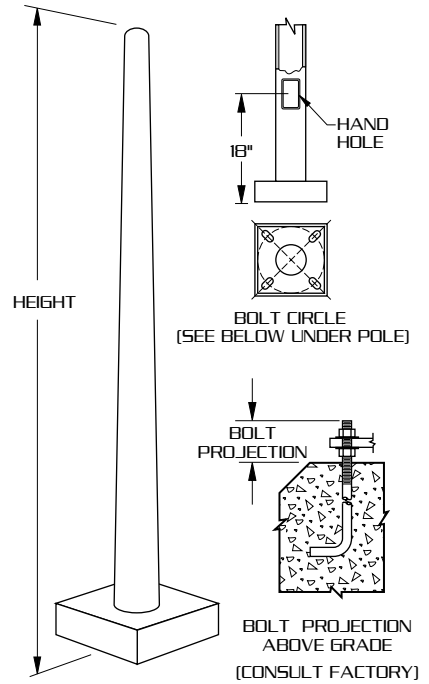
RTA SERIES

ENGINEERING DATA

Maximum EPA - Square Feet

Catalog Number	Maximum Fixt. wgt.	100 MPH	90 MPH	80 MPH	70 MPH
RTA 1443-125	50	2.2	3.0	4.5	6.2
RTA 1643-125	50	1.1	1.8	2.9	4.4
RTA 1853-188	100	4.1	5.6	7.6	10.8
RTA 2064-188	200	5.6	7.5	10.1	14.2
RTA 2574-188	225	5.7	7.3	9.5	13.6
RTA 3084-188	200	5.6	7.4	9.9	13.5
RTA 3584-188	100	3.8	5.1	7.0	9.3
RTA 4084-250	200	4.2	5.4	7.6	10.7

All above design calculations are based on sustained wind forces plus additional 1.3 wind gust
(Example: Pole rated at 80 MPH withstands 104 MPH gusts)



ORDERING INFORMATION

MODEL NO. : RTA	POLES	MOUNTING	FINISH	OPTIONS
MODEL NO. : RTA	POLES	MOUNTING	FINISH	OPTIONS
POLE HEIGHT	SHAFT SIZE	WALL THICKNESS	BOLT CIRCLE	ANCHORAGE
<input type="checkbox"/> 1443-125 14'	4.0X3.0	.125	10 1/4"	3/4"X18"X3"
<input type="checkbox"/> 1643-125 16'	4.0X3.0	.125	11 1/4"	3/4"X18"X3"
<input type="checkbox"/> 1853-188 18'	5.0X3.0	.188	11 1/4"	1"X36"X4"
<input type="checkbox"/> 2064-188 20'	6.0X4.0	.188	13"	1"X36"X4"
<input type="checkbox"/> 2574-188 25'	7.0X4.0	.188	13"	1"X36"X4"
<input type="checkbox"/> 3084-188 30'	8.0X4.0	.188	13"	1"X36"X4"
<input type="checkbox"/> 3584-188 35'	8.0X4.0	.188	13"	1"X36"X4"
<input type="checkbox"/> 4084-250 40'	8.0X4.0	.188	13"	1"X36"X4"
<input type="checkbox"/> OTHER HEIGHTS SPECIFY _____				
		<input type="checkbox"/> 2 3/8"X4" TENON PT23	<input type="checkbox"/> BLACK RAL-9005-S	<input type="checkbox"/> DUPLEX RECEPTACLE DUP
		<input type="checkbox"/> 2 7/8"X4" TENON PT27	<input type="checkbox"/> WHITE RAL-9003-S	<input type="checkbox"/> GFI RECEPTACLE GFI
		<input type="checkbox"/> OTHER TENON MT _____	<input type="checkbox"/> GREY RAL-7004-S	<input type="checkbox"/> 3 WAY ADAPTER T3120
		DRILL MOUNT	<input type="checkbox"/> DRK BRONZE RAL-8019-S	<input type="checkbox"/> 4 WAY ADAPTER T490
		<input type="checkbox"/> 1.....	<input type="checkbox"/> GREEN RAL-6005-S	<input type="checkbox"/> ROUND BASE COVER RBC
		<input type="checkbox"/> 2-180...	OPTION:	<input type="checkbox"/> 1/2" COUPLING CPLN1/2
		<input type="checkbox"/> 2-90...	<input type="checkbox"/> BRONZE ANODIZED AZ313	<input type="checkbox"/> 3/4" COUPLING CPLN3/4
		<input type="checkbox"/> 3-90...	<input type="checkbox"/> NATURAL ANODIZED AZ	<input type="checkbox"/> 2" COUPLING CPLN2
		<input type="checkbox"/> 4-90...	<input type="checkbox"/> BLACK ANODIZED AZBK	(SPECIFY COUPLING LOCATION)
		<input type="checkbox"/> 3-120...	FOR TEXTURED FINISH REPLACE SUFFIX "S" WITH SUFFIX "T" (EXAMPLE: RAL-9005-T)	SEE ACCESSORIES SECTION FOR OTHER OPTIONS.
		2-90, 3-90, 4-90 REQUIRES PT27 AND T490 ADAPTER	CONSULT FACTORY FOR CUSTOM COLORS	
		3-120 REQUIRES PT27 AND T3120 ADAPTER		