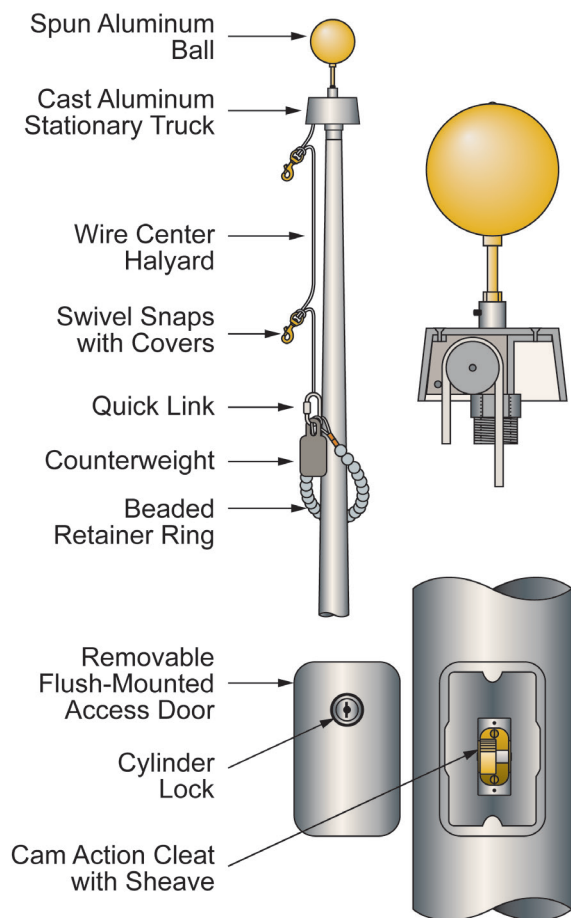




VANGUARD INTERNAL HALYARD FLAGPOLE



The Vanguard flagpole combines the security of a concealed halyard system with the simplicity of a rope halyard. The Vanguard Series provides an intelligent, economical alternative to deluxe concealed halyard systems.

The Vanguard's nylon wire center halyard runs through a stationary truck and across an additional centering halyard block and is secured in a cam-action cleat.

STANDARD ACCESSORIES

- Gold anodized aluminum ball ornament
- Single sheave cast aluminum stationary truck
- Nylon wire center halyard
- Swivel flag snaps w/vinyl snap covers
- Retainer ring and counterweight
- Stainless steel quick link
- Cam action cleat (accessible behind a lockable access door)
- Spun aluminum flash collar
- Galvanized steel foundation sleeve



ACCESS DOOR & FRAMES

- 5" diameter poles supplied with a hinged access door and frame unit.
- 6" and larger diameter poles supplied with a removable flush-mounted access door for added strength.



FOR 5" DIAMETER POLES



FOR 6" DIAMETER POLES



FOR 7-8" DIAMETER POLES

MODEL	EXPOSED HEIGHT	OVERALL LENGTH	# OF SECTIONS	BUTT DIA.	TOP DIA.	WALL	UNFLAGGED MAX. WIND SPEED	FLAGGED MAX. WIND SPEED	SUGGESTED FLAG SIZE	SHIPPING WEIGHT
ECXV20	20'	23'	1	5"	3"	.125	250 MPH	120+ MPH	3' x 5'	129 lbs.
ECV20	20'	23'	1	5"	3"	.188	315 MPH	120+ MPH	3' x 5'	142 lbs.
ECXV25	25'	27'	1	5"	3"	.125	144 MPH	104 MPH	4' x 6'	139 lbs.
ECXAV25	25'	27'	1	5"	3"	.156	192 MPH	117 MPH	4' x 6'	152 lbs.
ECV25	25'	27'	1	6"	3-1/2"	.188	222 MPH	120+ MPH	4' x 6'	197 lbs.
ECXV30	30'	33'	1 or 2*	5"	3"	.125	110 MPH	75 MPH	5' x 8'	172 lbs.
ECXAV30	30'	33'	1 or 2*	5"	3"	.156	119 MPH	91 MPH	5' x 8'	185 lbs.
ECLV30	30'	33'	1	5"	3"	.188	127 MPH	96 MPH	5' x 8'	185 lbs.
ECAV30	30'	33'	1	6"	3-1/2"	.156	184 MPH	117 MPH	5' x 8'	224 lbs.
ECV30	30'	33'	1	6"	3-1/2"	.188	211 MPH	120+ MPH	5' x 8'	227 lbs.
ECSAV35	35'	38-1/2'	1	5"	3"	.188	104 MPH	86 MPH	6' x 10'	229 lbs.
ECXV35	35'	38-1/2'	1	6"	3-1/2"	.156	122 MPH	91 MPH	6' x 10'	247 lbs.
ECAV35	35'	38-1/2'	1	7"	3-1/2"	.156	179 MPH	117 MPH	6' x 10'	261 lbs.
ECV35	35'	38-1/2'	1	7"	3-1/2"	.188	200 MPH	120 MPH	6' x 10'	281 lbs.
ECXV40	40'	44'	2**	7"	3-1/2"	.156	125 MPH	91 MPH	8' x 12'	294 lbs.
ECAV40	40'	44'	2**	8"	3-1/2"	.156	171 MPH	110 MPH	8' x 12'	309 lbs.
ECV40	40'	44'	2**	8"	3-1/2"	.188	195 MPH	120 MPH	8' x 12'	319 lbs.

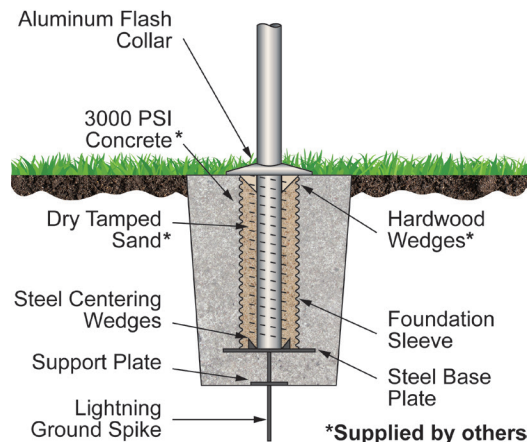
* Flagpole models available in both one and two section styles; please specify when placing your order. Single section pole(s) will be shipped if not specified.

** Flagpole models available in multi-piece pole(s) only.



VANGUARD INTERNAL FLAGPOLE INSTALLATION INSTRUCTIONS

1. Dig foundation hole four to six times the butt diameter.
2. Set sleeve so that top of tube is 2" above grade. Plumb foundation tube so that it will not move during the pouring of the concrete.
3. Pour concrete and trowel to desired finish. Keep inside of foundation sleeve dry. Cover opening if pole has not been delivered.
4. For sectional poles check both ends for any burrs. If any are found, file them off and wipe the ends clean. Lubricate the sleeve and inner surface with liquid soap. Keep the finished surfaces free of hand prints and excess lubricants. Align the arrows and/or numbers on each section and jamb together. Numbers must be identical for proper fit.



5. Lay pole on sawhorses and unwrap top of pole, access door and the bottom 3-4'. The remainder of the wrappings can be removed after pole is set. This will keep pole clean of marks and fingerprints.
6. Take loose end of rope halyard, thread over sheave in truck from the outside and then through the pulley bracket mounted on slot at top of pole. Now fish loose end of rope down inside the pole to vicinity of access door. Open access door with key, thread rope end through cam cleat from top and tie off end of rope in an overhand or figure eight knot.
7. While pulling slack out of rope to avoid pinching, place truck on top of pole, aligning horn and sheave with slot and fasten securely by turning down set screws tightly to the pole. Thread ball rod into threaded hole in top of truck, screwing down tightly until ball will no longer turn.
8. Take up other end of rope with counterweight attached. Detach one end of retainer ring from split repair link, run retainer ring around pole and reattach end to repair link. Close repair link using vice-grip or hammer. Tape retainer ring counterweight assembly temporarily to the pole above access door, out of the way while setting pole.
9. Slip aluminum flash collar on bottom of pole; slide up above setting height and tape temporarily to pole while setting the pole.
10. Set pole into sleeve and center on steel wedges in sleeve. Turn pole so that truck and access door face in the desired direction. Place wood wedges between pole and sleeve to hold pole upright and plumb pole for final set.
11. Pack dry sand between pole and sleeve to hold pole in place. Leave 1" void at top and fill with waterproof cement or caulking sealant to keep water out of the sand.
12. Slip aluminum collar down onto concrete and caulk between collar and pole with urethane sealant. Remove rest of wrapping from pole.
13. Loosen rope loop around highest flag snap, move on rope until flag snaps fit the size of the flag being flown. Fasten flag to flag snaps, check operation by pulling rope halyard to raise flag and counterweight. Pull rope sideways behind cam to hold flag at the peak. To release flag, pull rope sideways from cam and pull on the rope. After checking operation, lock access door and turn key over to owner.

CAUTION: IF FLAGPOLE IS NOT TO BE INSTALLED IMMEDIATELY, REMOVE PROTECTIVE WRAPPING AND SET POLE ON BLOCKS AT LEAST 12" ABOVE GRADE. THE FACTORY CANNOT ASSUME RESPONSIBILITY FOR THE FINISH IF POLE IS STORED IN ITS WRAPPINGS. THE PAPER WILL DISCOLOR THE POLE IF THEY GET WET.