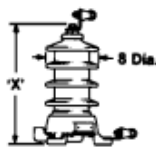
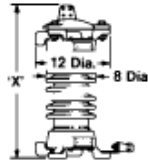




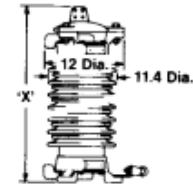
**Dimensions and Mounting**



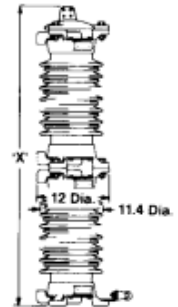
**Drawing 1  
(Type VLA)**



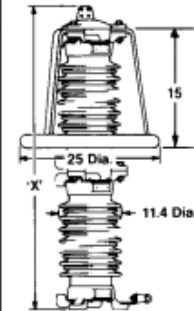
**Drawing 2  
(Type VL)**



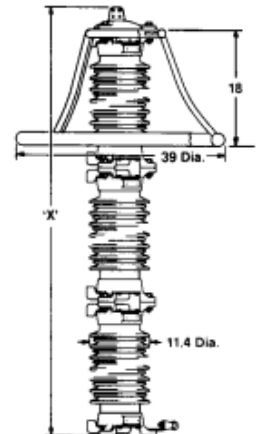
**Drawing 3  
(Type VN)**



**Drawing 4  
(Type VN)**



**Drawing 5  
(Type VN)**



**Drawing 6  
(Type VN)**

Type	Standard Arrester Catalog Number	Duty Cycle Rating kV rms	Maximum Continuous Operating Voltage kV rms	Drawing Number	"X" Dimension (Inches)	Minimum Leakage Distance (Inches)	Minimum Mounting Spacing on center†		Net Weight (Pounds)
							Phase to Phase (in-line) (Inches)	Phase to Ground (Inches)	
VLA	217003	3	2.55	1	12	11.1	11	5.5	35
VLA	217005	6	5.1	1	12	11.1	11	5.5	40
VLA	217008	9	7.65	1	12	11.1	11	5.5	40
VLA	217009	10	8.4	1	12	11.1	11	5.5	40
VLA	218510	12	10.2	1	12	11.1	11	6.5	42
VLA	217013	15	12.7	1	16.25	20	11	7.5	50
VLA	217015	18	15.3	1	16.25	20	11	9	50
VLA	218517	21	17.0	1	16.25	20	11	9	51
VLA	218519	24	19.5	1	16.25	20	11	9	52
VL	216003	3	2.55	2	19.13	6.2	12	6	65
VL	216005	6	5.1	2	19.13	6.2	12	7	65
VL	219508	9	7.65	2	19.13	6.2	13	7	66
VL	219509	10	8.4	2	19.13	6.2	13	8	66
VL	219510	12	10.2	2	21.13	11.1	14	8.5	72
VL	219513	15	12.7	2	21.13	11.1	14	8.5	73
VL	216015	18	15.3	2	24.13	20	16	9	80
VL	219517	21	17	2	24.13	20	16	9	81
VL	219519	24	19.5	2	24.13	20	17	11	82
VL	216022	27	22	2	28.13	31.7	18	12	90
VL	216024	30	24.4	2	28.13	31.7	18	12	91
VL	219529	36	29	2	28.13	31.7	20	14	93
VL	216031	39	31.5	2	31.88	41	21	14	105
VL	219536	45	36.5	2	31.88	41	21	15	107
VL	219539	48	39	2	31.88	41	22	15	109
VN	219542	54	42	3	38.13	60	24	18	180
VN	219548	60	48	3	38.13	60	25	19	185
VN	219557	72	57	3	44.13	80	26	20	220
VN	219570	90	70	3	50.63	101	33	27	250
VN	219574	90	74	3	50.63	101	35	29	260
VN	219576	96	76	3	50.63	101	37	31	265
VN	219584	108	84	3	57.13	122	38	32	280
VN	219588	108	88	3	57.13	122	39	33	285
VN	217598	120	98	3	57.13	122	42	36	290
VN	219606	132	106	4	76.63	140	44	38	395
VN	219615	144	115	4	82.63	160	51	46	425
VN	219631	168	131	4	89.13	181	59	54	465
VN	217740	172	140	5	89.13	181	78	59	475
VN	217744	180	144	5	89.13	181	83	64	480
VN	217752	192	152	5	96.13	202	83	67	515
VN	217780	228	180	5	108.63	244	92	73	590
VN	217909	258	209	6	128.13	262	111	92	700
VN	217912	264	212	6	133.63	282	116	96	725
VN	217920	276	220	6	133.63	282	120	100	730
VN	217945	312	245	6	147.13	324	130	110	800

† Minimum clearances are based on arrester protective levels and should be increased when necessary to meet local requirements for spacing of energized equipment.  
‡ Three units.

See the Dimensions and Mounting Table for more detailed information.

**Grading Rings**

Where a grading ring is required (Drawings 5 & 6), it is included in the shipment.

**HUBBELL®  
Power Systems**

**OHIO BRASS – AIKEN, SC  
MARCH 2009**