



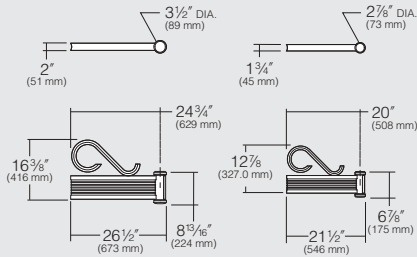
# Heritage Arms & Poles

## ARM EPA GUIDE

**HA31 - Side Pole Ribbon Arm with Top Scroll (Top mount)**

L - Large

S - Small

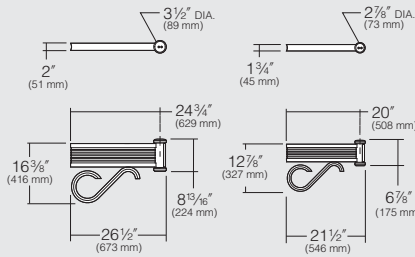


Arm EPA	1A	2B	3Y	4C
HA31S (SMALL)	0.95	1.85	1.94	1.94
HA31L (LARGE)	1.55	3.1	3.2	3.2

**HA32 - Side Pole Ribbon Arm with Bottom Scroll (Bottom mount)**

L - Large

S - Small

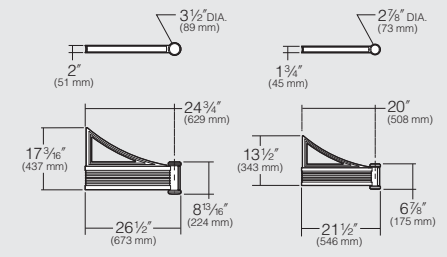


Arm EPA	1A	2B	3Y	4C
HA32S (SMALL)	0.95	1.85	1.94	1.94
HA32L (LARGE)	1.55	3.1	3.2	3.2

**HA33 - Side Pole Ribbon Arm with Top Gusset (Top mount)**

L - Large

S - Small

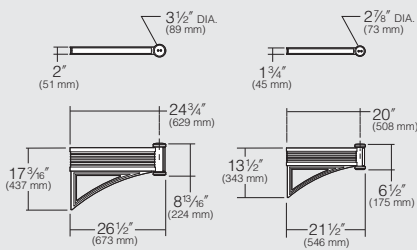


Arm EPA	1A	2B	3Y	4C
HA33S (SMALL)	1.1	2.2	2.3	2.3
HA033L (LARGE)	1.8	3.6	3.8	3.8

**HA34 - Side Pole Ribbon Arm with Bottom Gusset (Bottom mount)**

L - Large

S - Small

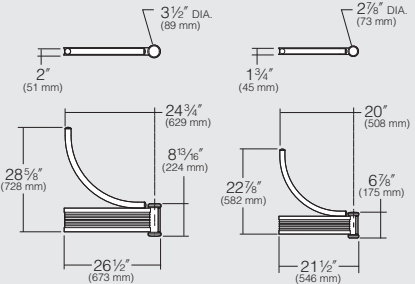


Arm EPA	1A	2B	3Y	4C
HA34S (SMALL)	1.1	2.2	2.3	2.3
HA34L (LARGE)	1.8	3.6	3.8	3.8

**HA35 - Side Pole Ribbon Arm with Top Brace (Top mount)**

L - Large

S - Small

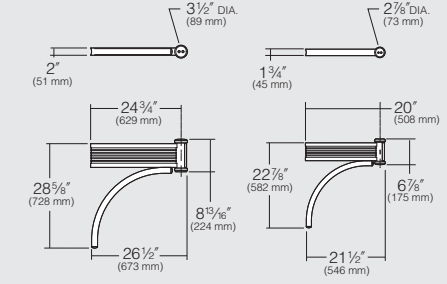


Arm EPA	1A	2B	3Y	4C
HA35S (SMALL)	1.0	2.0	2.2	2.2
HA35L (LARGE)	1.6	3.2	3.6	3.6

**HA36 - Side Pole Ribbon Arm with Bottom Brace (Bottom mount)**

L - Large

S - Small

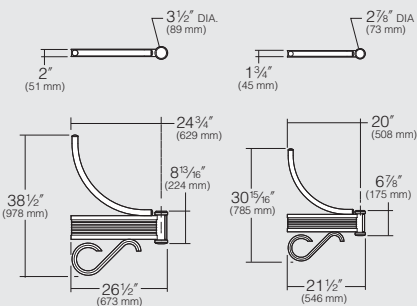


Arm EPA	1A	2B	3Y	4C
HA36S (SMALL)	1.0	2.0	2.2	2.2
HA36L (LARGE)	1.6	3.2	3.6	3.6

**HA37 - Side Pole Ribbon Arm with Top Brace and Bottom Scroll (Top mount)**

L - Large

S - Small

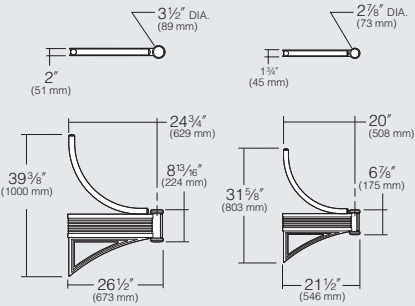


Arm EPA	1A	2B	3Y	4C
HA37S (SMALL)	1.1	2.2	2.4	2.4
HA37L (LARGE)	1.8	3.6	3.9	3.9

**HA38 - Side Pole Ribbon Arm with Top Brace and Bottom Gusset (Top mount)**

L - Large

S - Small

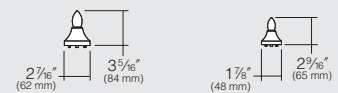


Arm EPA	1A	2B	3Y	4C
HA38S (SMALL)	1.3	2.6	2.8	2.8
HA38L (LARGE)	2.0	4.0	4.4	4.4

**HAF2 - Large and Small Arm Finials Option**  
Drawing not to scale

L - Large

S - Small



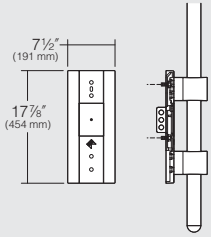
**GENERAL EPA GUIDE:** The fixture and arm EPA total should not exceed the pole's maximum allowable EPA.

# Heritage Arms & Poles

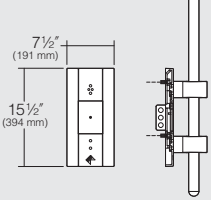
1W Wall Mount arm **not** included and must be ordered separately.

SITE / ROADWAY

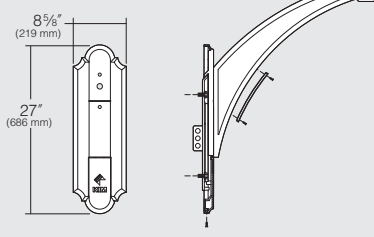
**HA02LW** Large Side Crook Arm Wall Mount



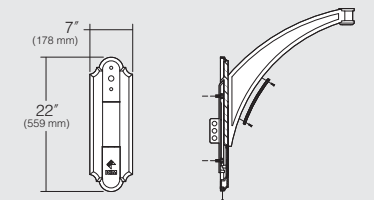
**HA02SW** Small Side Crook Arm Wall Mount



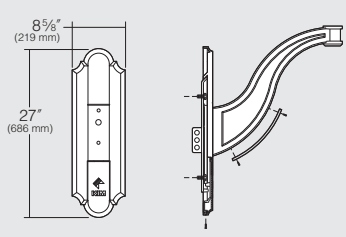
**HA11LW** Swept Cast Arm Wall Mount



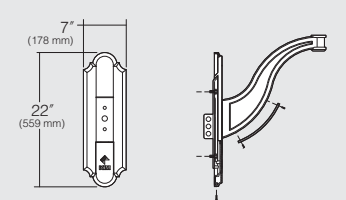
**HA11SW** Swept Cast Arm Wall Mount



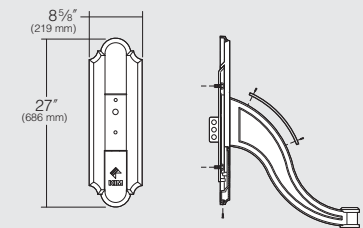
**HA12LW** S-Shaped Up Cast Arm Wall Mount



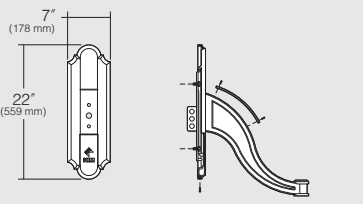
**HA12SW** S-Shaped Up Cast Arm Wall Mount



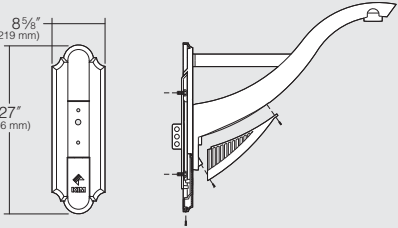
**HA13LW** S-Shaped Down Cast Arm Wall Mount



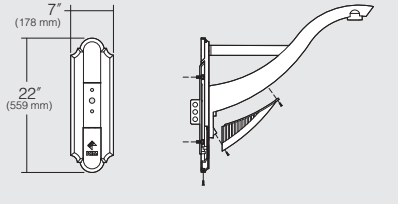
**HA13SW** S-Shaped Down Cast Arm Wall Mount



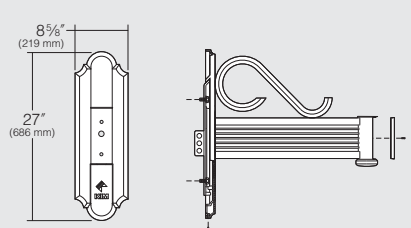
**HA14LW** Neo-Classic Arm Wall Mount



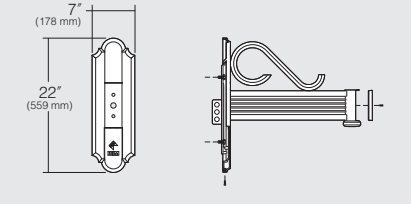
**HA14SW** Neo-Classic Arm Wall Mount



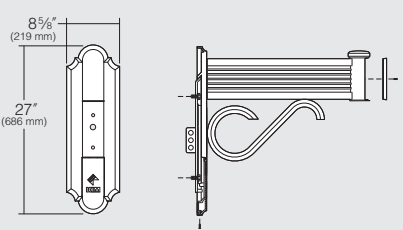
**HA31LW** Ribbon Arm with Top Scroll Wall Mount



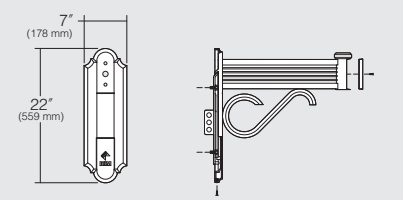
**HA31SW** Ribbon Arm with Top Scroll Wall Mount



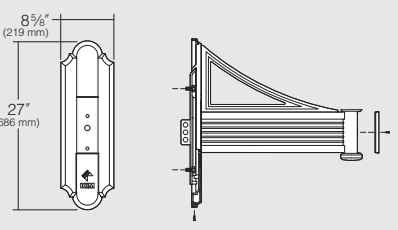
**HA32LW** Ribbon Arm with Bottom Scroll Wall Mount



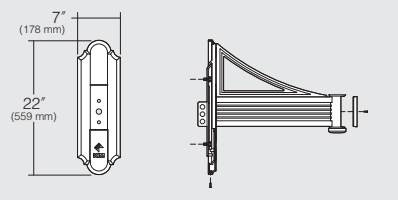
**HA32SW** Ribbon Arm with Bottom Scroll Wall Mount



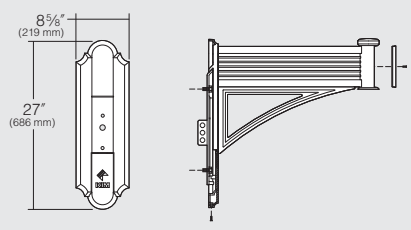
**HA33LW** Ribbon Arm with top Gusset Wall Mount



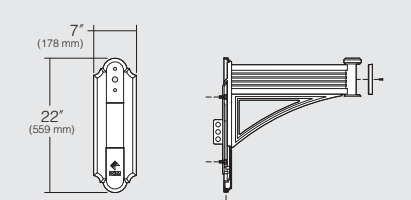
**HA33SW** Ribbon Arm with top Gusset Wall Mount



**HA34LW** Ribbon Arm with Bottom Gusset Wall Mount



**HA34SW** Ribbon Arm with Bottom Gusset Wall Mount



# Heritage Arms & Poles

ORDERING EXAMPLE: HSAS20-534188SB-HA02S/SG/HBC2-5/HF2/DR-GFI

POLE EPA GUIDE							Allowable Pole EPA – See wind map on p. 771							
STEPPED ALUMINUM SMOOTH POLES							85 (38m/s)	90 (40m/s)	100 (45m/s)	110 (49m/s)	120 (54m/s)	130 (58m/s)	140 (63m/s)	150 (67m/s)
Pole Catalog No.	X <sup>4</sup>	X1 <sup>4</sup>	X2 <sup>4</sup>	Y1 <sup>4</sup>	Y2 <sup>4</sup>	Anchor Bolt Size								
HSAS10-534188	10'	6.5'	3.5'	5" x .188	3.375"	¾" x 15 + 3	29.54	26.14	23.92	19.55	16.24	13.67	11.63	9.99
HSAS12-534188	12'	8'	4'	5" x .188	3.375"	¾" x 15 + 3	23.91	21.09	19.23	15.63	12.91	10.80	9.13	7.79
HSAS14-534188	14'	9.3'	4.7'	5" x .188	3.375"	¾" x 15 + 3	19.80	17.38	15.79	12.74	10.45	8.67	7.26	6.14
HSAS16-534188	16'	10.5'	5.5'	5" x .188	3.375"	¾" x 15 + 3	16.64	14.52	13.12	10.50	8.52	6.99	5.78	4.8
HSAS20-534188	19.5'	13'	6.4'	5" x .188	4"	¾" x 15 + 3	11.73	10.09	9.02	7.06	5.60	4.47	3.58	2.87
HSAS14-64188	14'	9.3'	4.7'	6" x .188	4"	¾" x 15 + 3	29.78	26.23	23.89	19.70	16.26	13.59	11.48	10.0
HSAS16-64188	16'	10.5'	5.5'	6" x .188	4"	¾" x 15 + 3	25.24	22.12	20.08	16.54	13.56	11.25	9.42	8.29
HSAS20-64188	20'	13'	6.5'	6" x .188	4"	¾" x 30 + 4	18.15	15.94	14.63	11.67	9.43	7.77	6.56	5.59
HSAS25-64188	25'	16.7'	8.3'	6" x .188	4"	¾" x 30 + 4	11.85	10.21	9.34	7.19	5.56	4.40	3.62	3.00
HSAS25-64250 <sup>1</sup>	25'	16.7'	8.3'	6" x .250	4"	¾" x 30 + 4	16.75	14.58	13.36	10.51	8.35	6.78	5.67	4.79
HSAS30-64250	30'	20'	10'	6" x .250	4"	¾" x 30 + 4	11.63	9.96	9.10	6.90	5.25	4.08	3.31	2.714
HSAS30-64400 <sup>1</sup>	30'	20'	10'	6" x .400	4"	¾" x 30 + 4	17.73	15.37	14.03	10.82	8.56	6.87	5.70	4.79

<sup>1</sup>Pole reinforced to 40" above the base, to .400", remaining section is .250".

STEPPED ALUMINUM FLUTED POLES							Allowable Pole EPA – See wind map on p. 771							
Pole Catalog No.	X <sup>4</sup>	X1 <sup>4</sup>	X2 <sup>4</sup>	Y1 <sup>4</sup>	Y2 <sup>4</sup>	Anchor Bolt Size	85 (38m/s)	90 (40m/s)	100 (45m/s)	110 (49m/s)	120 (54m/s)	130 (58m/s)	140 (63m/s)	150 (67m/s)
HSAF10-534188	10'	6.5'	3.5'	5" x .188	3.375"	¾" x 15 + 3	41.46	36.78	33.70	27.64	23.03	19.46	16.62	14.34
HSAF12-534188	12'	8'	4'	5" x .188	3.375"	¾" x 15 + 3	33.85	29.95	27.38	22.37	18.58	15.63	13.29	11.42
HSAF14-534188	14'	9.3'	4.7'	5" x .188	3.375"	¾" x 15 + 3	28.32	24.97	22.78	18.52	15.30	12.81	10.83	9.24
HSAF16-534188	16'	10.5'	5.5'	5" x .188	3.375"	¾" x 30 + 4	24.09	21.16	19.24	15.55	12.77	10.61	8.90	7.54
HSAF20-534188	19.5'	13'	6.4'	5" x .188	3.375"	¾" x 30 + 4	17.48	15.22	13.74	10.96	8.88	7.26	5.99	4.97
HSAF14-64188	14'	9.3'	4.7'	6" x .188	4"	¾" x 15 + 3	39.42	34.97	32.15	26.24	21.76	18.33	15.70	13.59
HSAF16-64188	16'	10.5'	5.5'	6" x .188	4"	¾" x 30 + 4	33.67	29.81	27.39	22.26	18.37	15.41	13.17	11.36
HSAF20-64188	19.5'	13'	6.5'	6" x .188	4"	¾" x 30 + 4	24.66	21.75	19.97	16.08	13.14	10.93	9.28	7.97
HSAF25-64188	25'	16.7'	8.3'	6" x .188	4"	¾" x 30 + 4	16.82	14.65	13.42	10.56	8.39	6.81	5.70	4.81
HSAF25-64400	25'	16.7'	8.3'	6" x .400	4"	¾" x 30 + 4	20.81	18.17	16.62	13.14	10.50	8.57	7.20	6.11
HSAF30-64188	30'	20'	10'	6" x .188	4"	¾" x 30 + 4	11.68	10.01	9.15	6.94	5.28	4.11	3.34	2.73
HSAF30-64400 <sup>2</sup>	30'	20'	10'	6" x .400	4"	¾" x 30 + 4	17.80	15.43	14.09	10.97	8.60	6.90	5.74	4.81

<sup>2</sup>Pole reinforced to 40" above the base, to .400", remaining section is .188".

ROUND ALUMINUM (NON-TAPERED) POLES				Allowable Pole EPA – See wind map on p. 771							
Pole Catalog No.	X <sup>4</sup>	Y <sup>4</sup>	Anchor Bolt Size	85 (38m/s)	90 (40m/s)	100 (45m/s)	110 (49m/s)	120 (54m/s)	130 (58m/s)	140 (63m/s)	150 (67m/s)
HAS10-4188	10'	4" x .188	¾" x 15 + 3	16.55	14.56	13.26	10.64	8.65	7.17	6.10	5.25
HAS12-4188	12'	4" x .188	¾" x 15 + 3	13.12	11.46	10.38	8.19	6.53	5.33	4.50	3.84
HAS14-4188	14'	4" x .188	¾" x 15 + 3	10.56	9.14	8.21	6.34	4.92	3.91	3.26	2.74
HAS16-4188	16'	4" x .188	¾" x 15 + 3	8.56	7.31	6.50	4.86	3.62	2.76	2.25	1.85
HAS10-5188	10'	5" x .188	¾" x 15 + 3	27.26	24.07	21.97	18.01	15.02	12.71	10.88	9.42
HAS12-5188	12'	5" x .188	¾" x 15 + 3	21.18	19.22	17.47	14.26	11.85	9.99	8.52	7.35
HAS14-5188	14'	5" x .188	¾" x 15 + 3	17.90	15.62	14.12	11.46	9.48	7.95	6.75	5.79
HAS16-5188	16'	5" x .188	¾" x 30 + 4	14.80	12.81	11.50	9.26	7.61	6.34	5.34	4.55
HAS20-5188	19.5'	5" x .188	¾" x 30 + 4	9.83	8.29	7.28	5.73	4.60	3.75	3.09	2.56
HAS10-6188	10'	6" x .188	¾" x 30 + 4	40.66	36.17	33.42	27.49	23.00	19.51	16.75	14.53
HAS12-6188	12'	6" x .188	¾" x 30 + 4	32.89	29.22	27.04	22.20	18.53	15.69	13.44	11.64
HAS14-6188	14'	6" x .188	¾" x 30 + 4	27.19	24.11	22.37	18.31	15.24	12.87	11.00	9.49
HAS16-6188	16'	6" x .188	¾" x 30 + 4	22.77	20.16	18.75	15.29	12.69	10.68	9.09	7.82
HAS20-6188	19.5'	6" x .188	¾" x 30 + 4	15.69	13.81	12.95	10.46	8.59	7.16	6.03	5.14
HAS25-6188	25'	6" x .188	¾" x 30 + 4	9.74	8.46	8.07	6.38	5.12	4.17	3.43	2.85
HAS25-6250	25'	6" x .250	¾" x 30 + 4	16.92	14.86	13.96	11.25	9.22	7.66	6.44	5.47
HAS30-6188	30'	6" x .188	¾" x 30 + 4	5.61	4.74	4.69	3.54	2.71	2.08	1.60	1.23
HAS30-6250	30'	6" x .250	¾" x 30 + 4	11.37	9.88	9.42	7.45	5.99	4.88	4.02	3.34
HAS30-6400 <sup>3</sup>	30'	6" x .400	¾" x 30 + 4	20.33	17.87	16.78	13.53	11.10	9.23	7.77	6.61

<sup>3</sup>Pole reinforced to 40" above the base, to .400", remaining section is .250".

<sup>4</sup>Refer to dimension drawings on p. 762.

GENERAL EPA GUIDE: The fixture and arm EPA total **should not** exceed the pole's maximum allowable EPA.

MOUNTING ORIENTATION	
• FM	Flush mt., top of pole
• A/SA	1 fixture, side mt.
• B/SB	2 fixtures, side mt. 180°
• L/SL	2 fixtures, side mt. 90°
• T/ST	3 fixtures, side mt. 90°
• Y/SY	3 fixtures, side mt. 120°
• C/SC	4 fixtures, side mt. 120°

ARM	
HA01S HA01L	Post Top Crook Arm
HA02S HA02L	Side Pole Crook Arm
HA03S HA03L	Post Top Crook Arm
HA11S HA11L	Side Pole Swept Cast Arm
HA12S HA12L	Side Pole S-Shaped Up Cast Arm
HA13S HA13L	Side Pole S-Shaped Down Cast Arm
HA14S HA14L	Side Pole Neo-Classic Arm
HA31S HA31L	Side Pole Ribbon Arm with Top Scroll
HA32S HA32L	Side Pole Ribbon Arm with Bottom Scroll
HA33S HA33L	Side Pole Ribbon Arm with Top Gusset
HA34S HA34L	Side Pole Ribbon Arm with Bottom Gusset
HA35S HA35L	Side Pole Ribbon Arm with Top Brace
HA36S HA36L	Side Pole Ribbon Arm with Bottom Brace
HA37S HA37L	Side Pole Ribbon Arm w/ Top Brace & Bottom Scroll
HA38S HA38L	Side Pole Ribbon Arm with Top Brace & Bottom Gusset

See drawings on p. 762-763.

POLE / ARM FINISH	
BL	Black
DB	Dark Bronze
LG	Light Gray
SG	Stealth Gray™
PS	Platinum Silver
WH	White
CC	Custom Color*

\*Consult representative

POLE / POLE ARM OPTIONS	
HBC1	Decorative Base Cover
HBC2	Traditional Base Cover
HF1	Dome Pole Top Cap
HF2	Traditional Pole Top Finial
HAF2	Arm Finial
DR	Duplex Receptacle
DR-GFI	Duplex Receptacle Ground Fault Interrupter

See drawings on p. 762.