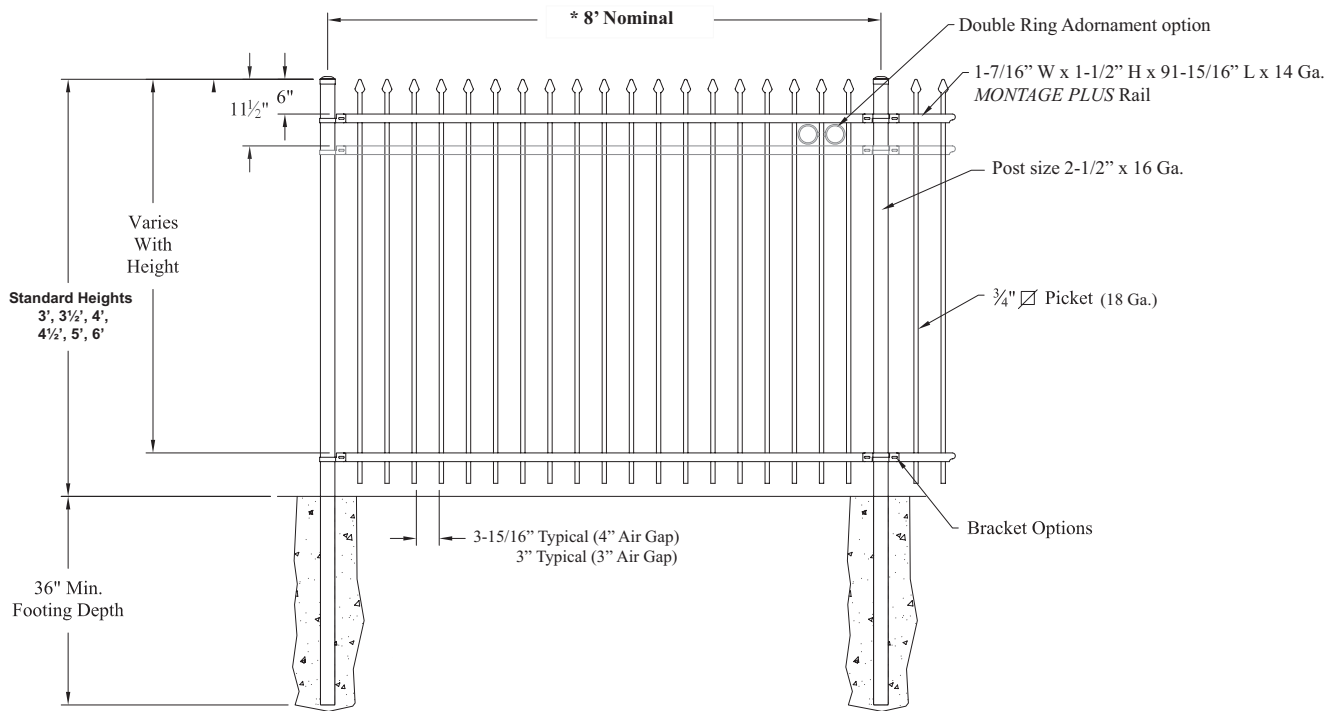


MONTAGE PLUS®

WELDED COMMERCIAL ORNAMENTAL FENCE

TYPICAL PANEL DRAWING (Classic Style shown; Genesis, Majestic and Warrior also available)



*** Refer to Construction Specification Table for recommended (Post Spacing by Bracket Type)**

E-COAT™ PROTECTION

UNIQUE PROFUSION WELDING PROCESS
 PATENT D466,620 6,811,145 7,071,439

ATF™ RAKABLE DESIGN
 PATENT D466,621 7,071,439



- AUTOMATICALLY FUSION WELDED AT ALL INTERSECTIONS
- NO EXPOSED WELDS - VIRTUALLY SEAMLESS APPEARANCE
- GOOD NEIGHBOR PROFILE - SAME ON BOTH SIDES
- CONSISTENT HIGH QUALITY LEVEL - EVERY PANEL
- ZINC-PHOSPHATIZED GALVANIZED STEEL BASE MATERIAL



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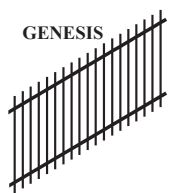
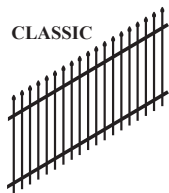
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2-Rail (Standard) (4" Air Gap)



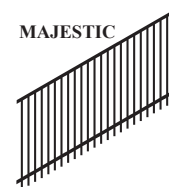
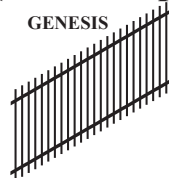
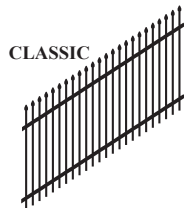
(NOMINAL) PANEL HEIGHT	ITEM NUMBER	PANEL WEIGHT	PALLET QUANTITY	STOCKING STYLE/COLOR
3' H	1R * <u>X</u> 234	42	30	MAJ/BLK
3-1/2' H	1R * <u>X</u> 240	48	30	MAJ/BLK
4' H	1R * <u>X</u> 246	52	30	MAJ/BLK
5' H	1R * <u>X</u> 258	61	30	CLS/BLK
6' H	1R * <u>X</u> 270	70	30	MAJ, CLS, GEN/BLK

STYLE SELECTION = * **X** = **COLOR SELECTION**

MAJESTIC = **M** **B** = BLACK
 CLASSIC = **C** **N** = BRONZE
 GENESIS = **G**
 WARRIOR = **W**

(8' Nominal) 92" Actual Panel Width
 3/4" Sq x 18 Ga. Picket = (19 - Pickets per Panel)

(3" Air Gap)



(NOMINAL) PANEL HEIGHT	ITEM NUMBER	PANEL WEIGHT	PALLET QUANTITY	STOCKING STYLE/COLOR
3' H	1R * <u>X</u> 234-3	49	30	N/A
3-1/2' H	1R * <u>X</u> 240-3	55	30	N/A
4' H	1R * <u>X</u> 246-3	61	30	N/A
5' H	1R * <u>X</u> 258-3	72	30	N/A
6' H	1R * <u>X</u> 270-3	83	30	N/A

STYLE SELECTION = * **X** = **COLOR SELECTION**

MAJESTIC = **M** **B** = BLACK
 CLASSIC = **C** **N** = BRONZE
 GENESIS = **G**
 WARRIOR = N/A IN 3" AIR GAP

(8' Nominal) 92" Actual Panel Width
 3/4" Sq x 18 Ga. Picket = (24 - Pickets per Panel)

* For Non-Stock Panels refer to Sales Policy.

* Genesis panels in both Black and Bronze are packaged with (Black) 3/4" Sq picket plugs.

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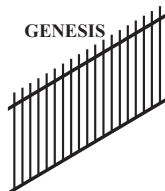
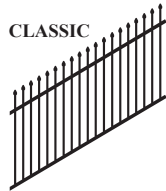
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2-Rail (Flush Bottom) (4" Air Gap)



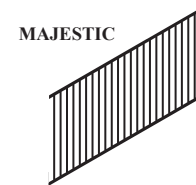
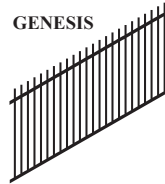
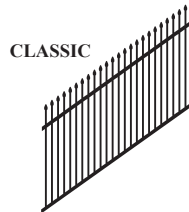
(NOMINAL) PANEL HEIGHT	ITEM NUMBER	PANEL WEIGHT	PALLET QUANTITY	STOCKING STYLE/COLOR
3' H	1R <u>*</u> <u>X</u> 234F	42	30	MAJ/BLK
3-1/2' H	1R <u>*</u> <u>X</u> 240F	48	30	MAJ/BLK
4' H	1R <u>*</u> <u>X</u> 246F	52	30	MAJ/BLK
5' H	1R <u>*</u> <u>X</u> 258F	61	30	CLS/BLK
6' H	1R <u>*</u> <u>X</u> 270F	70	30	MAJ/BLK

STYLE SELECTION = * **X** = **COLOR SELECTION**

MAJESTIC = **M** **B** = BLACK
 CLASSIC = **C** **N** = BRONZE
 GENESIS = **G**
 WARRIOR = **W**

(8' Nominal) 92" Actual Panel Width
 3/4" Sq x 18 Ga. Picket = (19 - Pickets per Panel)

(3" Air Gap)



(NOMINAL) PANEL HEIGHT	ITEM NUMBER	PANEL WEIGHT	PALLET QUANTITY	STOCKING STYLE/COLOR
3' H	1R <u>*</u> <u>X</u> 234F-3	49	30	N/A
3-1/2' H	1R <u>*</u> <u>X</u> 240F-3	55	30	N/A
4' H	1R <u>*</u> <u>X</u> 246F-3	61	30	N/A
5' H	1R <u>*</u> <u>X</u> 258F-3	72	30	N/A
6' H	1R <u>*</u> <u>X</u> 270F-3	83	30	N/A

STYLE SELECTION = * **X** = **COLOR SELECTION**

MAJESTIC = **M** **B** = BLACK
 CLASSIC = **C** **N** = BRONZE
 GENESIS = **G**
 WARRIOR = N/A IN 3" AIR GAP

(8' Nominal) 92" Actual Panel Width
 3/4" Sq x 18 Ga. Picket = (24 - Pickets per Panel)

* For Non-Stock Panels refer to Sales Policy.
 * Genesis panels in both Black and Bronze are packaged with (Black) 3/4" Sq picket plugs.

Effective: 04/16/13

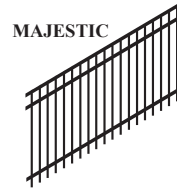
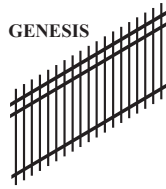
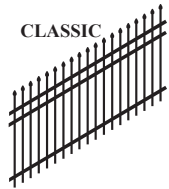
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3-Rail (Standard) (4" Air Gap)



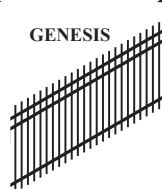
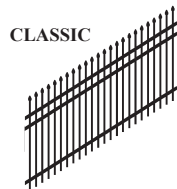
(NOMINAL) PANEL HEIGHT	ITEM NUMBER	PANEL WEIGHT	PALLET QUANTITY	STOCKING STYLE/COLOR
3' H	1R * <u>X</u> 334	50	30	MAJ, GEN/BLK
3-1/2' H	1R * <u>X</u> 340	56	30	MAJ/BLK
4' H	1R * <u>X</u> 346	60	30	MAJ, CLS, GEN/BLK & MAJ/BRZ
5' H	1R * <u>X</u> 358	69	30	MAJ, CLS, GEN/BLK
6' H	1R * <u>X</u> 370	78	30	MAJ, CLS, GEN/BLK & MAJ/BRZ

STYLE SELECTION = * **X = COLOR SELECTION**

MAJESTIC = M B = BLACK
 CLASSIC = C N = BRONZE
 GENESIS = G
 WARRIOR =

(8' Nominal) 92" Actual Panel Width
 3/4" Sq x 18 Ga. Picket = (19 - Pickets per Panel)

(3" Air Gap)



(NOMINAL) PANEL HEIGHT	ITEM NUMBER	PANEL WEIGHT	PALLET QUANTITY	STOCKING STYLE/COLOR
3' H	1R * <u>X</u> 334-3	56	30	N/A
3-1/2' H	1R * <u>X</u> 340-3	63	30	N/A
4' H	1R * <u>X</u> 346-3	69	30	N/A
5' H	1R * <u>X</u> 358-3	80	30	CLS/BLK
6' H	1R * <u>X</u> 370-3	91	30	N/A

STYLE SELECTION = * **X = COLOR SELECTION**

MAJESTIC = M B = BLACK
 CLASSIC = C N = BRONZE
 GENESIS = G
 WARRIOR = N/A IN 3" AIR GAP

(8' Nominal) 92" Actual Panel Width
 3/4" Sq x 18 Ga. Picket = (24 - Pickets per Panel)

* For Non-Stock Panels refer to Sales Policy.

* Genesis panels in both Black and Bronze are packaged with (Black) 3/4" Sq picket plugs.

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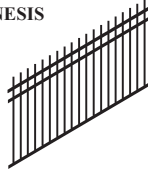
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PLUS

3-Rail (Flush Bottom) (4" Air Gap)

CLASSIC



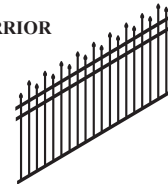
GENESIS



MAJESTIC



WARRIOR



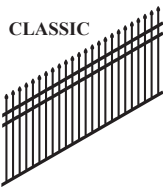
(NOMINAL) PANEL HEIGHT	ITEM NUMBER	PANEL WEIGHT	PALLET QUANTITY	STOCKING STYLE/COLOR
3' H	1R * <u>X</u> 334F	50	30	N/A
3-1/2' H	1R * <u>X</u> 340F	56	30	MAJ/BLK
4' H	1R * <u>X</u> 346F	60	30	MAJ/BLK
4-1/2' H	1R <u>M</u> <u>X</u> 354F	65	30	BLK (Available in Majestic Only)
5' H	1R * <u>X</u> 358F	69	30	N/A
6' H	1R * <u>X</u> 370F	78	30	MAJ/BLK

STYLE SELECTION = * **X = COLOR SELECTION**

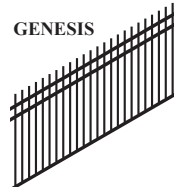
MAJESTIC = M **B** = BLACK
 CLASSIC = C **N** = BRONZE
 GENESIS = G
 WARRIOR = W

(8' Nominal) 92" Actual Panel Width
 3/4" Sq x 18 Ga. Picket = (19 - Pickets per Panel)

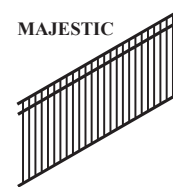
(3" Air Gap)



CLASSIC



GENESIS



MAJESTIC

(NOMINAL) PANEL HEIGHT	ITEM NUMBER	PANEL WEIGHT	PALLET QUANTITY	STOCKING STYLE/COLOR
3' H	1R * <u>X</u> 334F-3	56	30	MAJ/BLK
3-1/2' H	1R * <u>X</u> 340F-3	63	30	N/A
4' H	1R * <u>X</u> 346F-3	69	30	MAJ/BLK
4-1/2' H	1R <u>M</u> <u>X</u> 354F-3	75	30	N/A (Available in Majestic Only)
5' H	1R * <u>X</u> 358F-3	80	30	N/A
6' H	1R * <u>X</u> 370F-3	91	30	MAJ/BLK

STYLE SELECTION = * **X = COLOR SELECTION**

MAJESTIC = M **B** = BLACK
 CLASSIC = C **N** = BRONZE
 GENESIS = G
 WARRIOR = N/A IN 3" AIR GAP

(8' Nominal) 92" Actual Panel Width
 3/4" Sq x 18 Ga. Picket = (24 - Pickets per Panel)

* For Non-Stock Panels refer to Sales Policy.

* Genesis panels in both Black and Bronze are packaged with (Black) 3/4" Sq picket plugs.

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MONTAGE PLUS

Montage Plus Wind Load Capacity

Height	Rail Length	Post Size	Pickets With 3.925" Air Space		Pickets With 2.990" Air Space	
			Wind Load Capacity Factor (PSF)	Typical Wind Load Capacity (MPH)	Wind Load Capacity Factor (PSF)	Typical Wind Load Capacity (MPH)
4'	8'	2-1/2" Square x 16 Ga.	66	179	57	166
5'	8'	2-1/2" Square x 16 Ga.	45.7	149	39	137
6'	8'	2-1/2" Square x 16 Ga.	32	125	28	116

Note: Mph calculated using ANSI/ASCE 7-02, "American Society of Civil Engineers Minimum Design Loads for Buildings and Other Structures", Exposure Category B (Urban and suburban areas, wooded areas, or other terrain with numerous closely spaced obstructions having the size of single family dwellings or larger). For wind loading applicable to a particular specification, consult the applicable Building Code.

Note: Mph values shown are provided for information only. They are calculated according to ANSI/ASCE 7-05, "American Society for Civil Engineers Minimum Design Loads for Buildings and Other Structures", Exposure Category C (open terrain with scattered obstructions having lengths, generally less than 30 feet), based on post setting in 36" deep concrete footer in soil assumed to be of mid-range strength and compaction. Since specified project conditions such as jurisdictional building codes, elevation of installation, post base/footer design, soil strength, etc., may change from project to project, a structural engineering evaluation, unique to applicable requirements and conditions, should be performed. Consult with your Ameristar Service Representative for an estimate on Engineering Analysis and P.E. Certification.

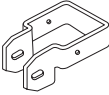
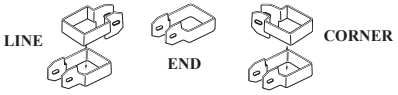
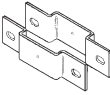


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


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BRACKETS

ITEM DESCRIPTION	BLACK		COLOR		SIZE	BAG QTY	BOX QTY	WT. EA.
	BLACK PART NO.	DEALER PRICE	BRONZE PART NO.	DEALER PRICE				
Montage Plus Universal Boulevard Bracket (Not for Invincible) 	BB112		BN112		2-1/2"	2	80	.15
	BB117		BN117 (N/S)		2"	2	120	.15
Made from high strength steel. Works universally for lines, ends, and corners. Packaged 2 per bag with #14 x 3/4" self-drilling screws, 1/4" x 1-3/4" one-way bolts and 1/4" tee nuts. MUST BE ORDERED IN BAG QUANTITIES.								
Montage Plus Line Bracket (Not for Invincible) 	BB116		BN116 (N/S)		2"	2	100	.72
	BB114		BN114		2-1/2"	2	80	.84
Used as a boulevard bracket around a post to join two adjacent panels in line. Packaged 2 per bag with #14 x 3/4" self-drilling screws, 1/4" x 1-3/4" one-way bolts and 1/4" tee nuts. MUST BE ORDERED IN BAG QUANTITIES.								
Montage Plus Swivel Bracket (Not for Invincible) 	BB113		BN113 (N/S)		-	2	80	.20
	For oblique angles. Packaged 2 per bag with #10 x 3/4" self-drilling screws and #10 x 5/8" flat head phillips screws. MUST BE ORDERED IN BAG QUANTITIES.							
Montage Plus Flat Mount Bracket (Not for Invincible) 	BB111		BN111		-	2	204	.27
	Can be used to attach panels to walls, wood posts, etc. Packaged 2 per bag with #14 x 3/4" self-drilling screws, 1/4" x 1-3/4" one-way bolts, 1/4" tee nuts and 1/4" drive rivets. MUST BE ORDERED IN BAG QUANTITIES.							

ADORNMENTS

ITEM DESCRIPTION	BLACK		COLOR		SIZE	WEIGHT EACH
	BLACK PART NO.	DEALER PRICE	BRONZE PART NO.	DEALER PRICE		
Quad-Flare 	AB518		AN518		3/4"	.15
Fits atop 3/4" square pickets (press-fit). Heavy-duty cast aluminum. The four-sided flare design supports the popular traditional look when added to "Genesis" style panels. (19 required per panel on standard (4") picket spacing; 24 required per panel on condensed (3") picket spacing).						
Triad 	AB520R		AN520R		3/4"	.15
Fits atop 3/4" square pickets (press-fit). Heavy-duty cast aluminum. Three distinct tips reflect the strong look of a barbed spear when added to "Genesis" style panels. (19 required per panel on standard (4") picket spacing; 24 required per panel on condensed (3") picket spacing).						
Royalty 	AB525		AN525 (N/S)		3/4"	.21
Fits atop 3/4" square pickets (press-fit). Die cast aluminum. (19 required per panel on standard (4") picket spacing; 24 required per panel on condensed (3") picket spacing).						
Double Ring 	AB112		AN112 (N/S)		---	.2
Fits onto the face of 3/4" square pickets. Die cast aluminum. Can be mounted in a line between the top rails of 3-rail panels to give the look of an ornamental circle. (9 required per panel, not available for 3" Air Gap panels).						
Butterfly Scroll (Aluminum) 	HB506		HN506 (N/S)		4 x 3-1/2"	.7
Fastens onto face of 3/4" square pickets. Self drilling tek screws included.						

N/S = Non Stock






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FASTENERS

ITEM DESCRIPTION	BLACK		COLOR		SIZE	BOX QTY	WT. EA.
	BLACK PART NO.	DEALER PRICE	BRONZE PART NO.	DEALER PRICE			
One-Way Bolts 	3HB300P-20		3HN300P		1/4" x 1-3/4"	20/Bag	.8
Steel washered one-way bolt for commercial brackets.							
Tee Nuts 	7157BP-20		7157NP		1/4"	20/Bag	.3
Steel tee nuts for commercial brackets.							
Self-Drilling Screws 	HB524P-50		HN524P		#14 x 3/4"	50/Bag	.6
	HB539P-50		HN539P		#10 x 3/4"	50/Bag	.35
Steel hex head self-drilling screws for commercial brackets.							
Flat Head Phillips Screws 	H519P		-----		#10 x 5/8"	1	.005
Steel flat head screw for setting angle on Montage Plus swivel brackets.							
Drive Rivets 	HB558P		HN558P		1/4"	1	.001
Drive rivets for flat mount brackets.							

MONTAGE PLUS®

CUSTOM FINISHES



ITEM DESCRIPTION	BLACK		COLOR		WT. EA.
	BLACK PART NO.	DEALER PRICE	BRONZE PART NO.	DEALER PRICE	
Paint Pen 	PB100		PN100		.5
Custom finishes in the two standard Montage Plus Fence colors.					
Zinc-Rich Paint Pen 			PZ100	11.63	.5
Priming required for cut steel edges prior to application of Ameristar Custom Finishes. NOTE: All cut rail ends must be seal coated with Zinc Rich Primer and Ameristar's custom touch-up paint or the warranty is void.					
Spray Paint 	FB100		FN100		1.1
Custom finishes in the two standard Montage Plus Fence colors.					
Zinc-Rich Primer 			FZ100		1.1
Ideal for priming cut steel edges of Montage Plus Fence components prior to applying the appropriate custom finish color. NOTE: All cut rail ends must be seal coated with Zinc Rich Primer and Ameristar's custom touch-up paint or the warranty is void.					

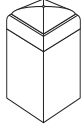
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STEEL ORNAMENTAL SQUARE POST



NOTE: In location subject to freezing, where posts are grouted into core-drilled holes, a 1/4" diameter hole should be drilled in the post approximately 1/2" above elevation to allow for drainage of built-up ground water. The drilled hole must be wiped clean and dry before applying Ameristar zinc primer and color finish.

X = COLOR SELECTION
 B = BLACK
 N = BRONZE
 W = WHITE
 S = SAND

Post Diameter	Ga. / Wall Thickness	Post Length	Item Number	Catalog Price (Black)	Catalog Price (Color)	Post Weight
2-1/2" SQ. (STEEL)	16 GA. (RES/COM)	6'	WP_X_25072			12
		7'	WP_X_25084			14
		8'	WP_X_25096			16
		9'	WP_X_25108			18
	14 GA. (COMMERCIAL)	8'	WP_X_25096-14			20
		9'	WP_X_25108-14			23
		10'	WP_X_25120-14			25
		11'	WP_X_25132-14			27
3" SQ. (STEEL)	12 GA. (INDUSTRIAL)	5'	P_X_30060			20
		6'	P_X_30072			24
		7'	P_X_30084			30
		8'	P_X_30096			34
		9'	P_X_30108			39
		10'	P_X_30120			43
4" SQ. (STEEL)	11 GA. (INDUSTRIAL)	6'	P_X_40072			39
		7'	P_X_40084			47
		8'	P_X_40096			54
		9'	P_X_40108			61
		10'	P_X_40120			67
6" SQ. (STEEL)	3/16" WALL (INDUSTRIAL)	7'	P_X_60084			102
		8'	P_X_60096			116
		9'	P_X_60108			131
		10'	P_X_60120			145
8" SQ. (STEEL)	1/4" WALL (INDUSTRIAL)	9'	P_X_80108			233
		10'	P_X_80120			259

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STEEL PLATED ORNAMENTAL SQUARE POST



Note: Plated posts used with Majestic & Conqueror styles may require a post length 1" longer than the panel/gate height dependent on the grade elevation.

X = COLOR SELECTION
B = BLACK
N = BRONZE
W = WHITE
S = SAND

Post Diameter	GA. / Plate Size	Post Length	Item Number	Catalog Price (Black)	Catalog Price (Color)	Post Weight
2-1/2" SQ. (STEEL)	12 GA. 5" x 5" SQ. 1/4" Thick with 9/16" Holes (8833G)	4'	P <u>X</u> 25048P			16
		5'	P <u>X</u> 25060P			19
		6'	P <u>X</u> 25072P			22
3" SQ. (STEEL)	12 GA. 6" x 6" SQ. 1/4" Thick with 9/16" Holes (5003G)	4'	P <u>X</u> 30048P			20
		5'	P <u>X</u> 30060P			24
		6'	P <u>X</u> 30072P			30
4" SQ. (STEEL)	11 GA. 8" x 8" SQ. 3/8" Thick with 9/16" Holes (8876G)	4'	P <u>X</u> 40048P			33
		5'	P <u>X</u> 40060P			39
		6'	P <u>X</u> 40072P			47

POST CAPS

X = COLOR SELECTION
B = BLACK
N = BRONZE
W = WHITE
S = SAND

Cap Type	Cap Style	Size	Item Number	Catalog Price (Black)	Catalog Price (Color)	Cap Weight
STEEL 	STANDARD FLAT CAP	1-3/4" SQ.	A <u>X</u> 505			0.1
		2" SQ.	A <u>X</u> 506			0.2
		2-1/2" SQ.	A <u>X</u> 507			0.3
		3" SQ.	A <u>X</u> 508			0.3
		4" SQ.	A <u>X</u> 509			0.4
		6" SQ.	A <u>X</u> 515			0.8
		8" SQ.	A <u>X</u> 801			2
ALUMINUM 	BALL CAP	2" SQ.	H <u>X</u> 508R			0.7
		2-1/2" SQ.	A <u>X</u> 513			0.7
		3" SQ.	A <u>X</u> 516			0.8
		4" SQ.	A <u>X</u> 517			2
		6" SQ.	A <u>X</u> 521			8

Effective: 04/16/13

AMERISTAR FENCE PRODUCTS®

Montage Plus® - Steel Ornamental Fence System – Fusion Welded and Rackable
CONSTRUCTION SPECIFICATION - SECTION 32 31 19

PART 1 - GENERAL

1.01 WORK INCLUDED

The contractor shall provide all labor, materials and appurtenances necessary for installation of the welded ornamental steel fence system defined herein at (specify project site).

1.02 RELATED WORK

Section _____ - Earthwork

Section _____ - Concrete

1.03 SYSTEM DESCRIPTION

The manufacturer shall supply a total fence system of (specify Montage Plus® standard picket space or Montage Plus® Pool, Pet & Play® 3" air space) Welded and Rackable (ATF – All Terrain Flexibility) Ornamental Steel (for standard picket space, specify Classic™, Majestic™, Genesis™, or Warrior™; for 3" air space, specify Classic™, Majestic™, or Genesis™) design. The system shall include all components (i.e., panels, posts, gates and hardware) required.

1.04 QUALITY ASSURANCE

The contractor shall provide laborers and supervisors who are thoroughly familiar with the type of construction involved and materials and techniques specified.

1.05 REFERENCES

- ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy Coated (Galvannealed) by the Hot-Dip Process.
- ASTM B117 - Practice for Operating Salt-Spray (Fog) Apparatus.
- ASTM D523 - Test Method for Specular Gloss
- ASTM D714 - Test Method for Evaluating Degree of Blistering in Paint.
- ASTM D822 - Practice for Conducting Tests on Paint and Related Coatings and Materials using Filtered Open-Flame Carbon-Arc Light and Water Exposure Apparatus.
- ASTM D1654 - Test Method for Evaluation of Painted or Coated Specimens Subjected to Corrosive Environments.
- ASTM D2244 - Test Method for Calculation of Color Differences from Instrumentally Measured Color Coordinates.
- ASTM D2794 - Test Method for Resistance of Organic Coatings to the Effects of Rapid Deformation (Impact).
- ASTM D3359 - Test Method for Measuring Adhesion by Tape Test.
- ASTM F2408 – Ornamental Fences Employing Galvanized Steel Tubular Pickets.

1.06 SUBMITTAL

The manufacturer's literature shall be submitted prior to installation.

1.07 PRODUCT HANDLING AND STORAGE

Upon receipt at the job site, all materials shall be checked to ensure that no damage occurred during shipping or handling. Materials shall be stored in such a manner to ensure proper ventilation and drainage, and to protect against damage, weather, vandalism and theft.

1.08 PRODUCT WARRANTY

A. All structural fence components (i.e. rails, pickets, and posts) shall be warranted within specified limitations, by the manufacturer for a period of 20 years from date of original purchase. Warranty shall cover any defects in material finish, including cracking, peeling, chipping, blistering or corroding.

B. Reimbursement for labor necessary to restore or replace components that have been found to be defective under the terms of manufactures warranty shall be guaranteed for five (5) years from date of original purchase.

PART 2 - MATERIALS

2.01 MANUFACTURER

The fence system shall conform to (specify Montage Plus standard picket space or Montage Plus Pool, Pet & Play 3" air space) Welded and Rackable (ATF – All Terrain Flexibility) Ornamental Steel, (for standard picket space, specify Classic, Majestic, Genesis or Warrior; for 3" air space, specify Classic, Majestic, or Genesis) design, (specify extended picket or flush) bottom rail treatment, (specify 2-Rail, 3-Rail or 3-Rail with Double Rings) style manufactured by Ameristar Fence Products, Inc., in Tulsa, Oklahoma.

2.02 MATERIAL

A. Steel material for fence panels and posts shall conform to the requirements of ASTM A653/A653M, with a minimum yield strength of 45,000 psi (310 MPa) and a minimum zinc (hot-dip galvanized) coating weight of 0.60 oz/ft² (184 g/m²), Coating Designation G-60.

B. Material for pickets shall be 3/4" square x 18 Ga. tubing. The rails shall be steel channel, 1.5" x 1.4375" x 14 Ga. Picket holes in the rail shall be spaced (specify 4.675" o.c. for standard picket space or 3.500" o.c. for 3" air space). Fence posts and gate posts shall meet the minimum size requirements of Table 1.

2.03 FABRICATION

A. Pickets, rails and posts shall be pre-cut to specified lengths. Rails shall be pre-punched to accept pickets.

B. Pickets shall be inserted into the pre-punched holes in the rails and shall be aligned to standard spacing using a specially calibrated alignment fixture. The aligned pickets and rails shall be joined at each picket-to-rail intersection by Ameristar's proprietary fusion welding process, thus completing the rigid panel assembly (Note: The process produces a virtually seamless, spatter-free good-neighbor appearance, equally attractive from either side of the panel).

C. The manufactured panels and posts shall be subjected to an inline electrode position coating (E-Coat) process consisting of a multi-stage pre-treatment/wash (with zinc phosphate), followed by a duplex application of an epoxy primer and an acrylic topcoat. The minimum cumulative coating thickness of epoxy and acrylic shall be 2 mils (0.058 mm). The color shall be (specify Black or Bronze). The coated panels and posts shall be capable of meeting the performance requirements for each quality characteristic shown in Table 2 (Note: The requirements in Table 2 meet or exceed the coating performance criteria of ASTM F2408).

D. The manufactured fence system shall be capable of meeting the vertical load, horizontal load, and infill performance requirements for Industrial weight fences under ASTM F2408.

E. Gates shall be fabricated using fusion welded ornamental panel material and 1-3/4" sq. x 14ga. gate ends. All rail and upright intersections shall be joined by welding. All picket and rail intersections shall also be joined by welding.

PART 3 - EXECUTION

3.01 PREPARATION

All new installation shall be laid out by the contractor in accordance with the construction plans.

3.02 INSTALLATION

Fence post shall be spaced according to Table 3, plus or minus 1/4". For installations that must be raked to follow sloping grades, the post spacing dimension must be measured along the grade. Fence panels shall be attached to posts with brackets supplied by the manufacturer. Posts shall be set in concrete footers having a minimum depth of 36" (Note: In some cases, local restrictions of freezing weather conditions may require a greater depth). The "Earthwork" and "Concrete" sections of this specification shall govern material requirements for the concrete footer. Posts setting by other methods such as plated posts or grouted core-drilled footers are permissible only if shown by engineering analysis to be sufficient in strength for the intended application.

3.03 FENCE INSTALLATION MAINTENANCE

When cutting/drilling rails or posts adhere to the following steps to seal the exposed steel surfaces; 1) Remove all metal shavings from cut area. 2) Apply zinc-rich primer to thoroughly cover cut edge and/or drilled hole; let dry. 3) Apply 2 coats of custom finish paint matching fence color. Failure to seal exposed surfaces per steps 1-3 above will negate warranty. Ameristar spray cans or paint pens shall be used to prime and finish exposed surfaces; it is recommended that paint pens be used to prevent overspray. Use of non-Ameristar parts or components will negate the manufactures' warranty.

3.04 GATE INSTALLATION

Gate posts shall be spaced according to the manufacturers' gate drawings, dependent on standard out-to-out gate leaf dimensions and gate hardware selected. Type and quantity of gate hinges shall be based on the application; weight, height, and number of gate cycles. The manufacturers' gate drawings shall identify the necessary gate hardware required for the application. Gate hardware shall be provided by the manufacture of the gate and shall be installed per manufacturer's recommendations.

3.05 CLEANING

The contractor shall clean the jobsite of excess materials; post-hole excavations shall be scattered uniformly away from posts.

AMERISTAR FENCE PRODUCTS®
Montage Plus® - Steel Ornamental Fence System – Fusion Welded and Rackable
CONSTRUCTION SPECIFICATION - SECTION 32 31 19

Table 1 – Minimum Sizes for Montage Plus Posts		
<u>Fence Posts</u>	<u>Panel Height</u>	
2-1/2" x 16 Ga.	Up to & Including 6' Height	
<u>Gate Leaf</u>	<u>Gate Height</u>	
	<u>Up to & Including 4'</u>	<u>Over 4' Up to & Including 6'</u>
Up to 4'	2-1/2" x 14 Ga.	3" x 12 Ga.
4'1" to 6'	3" x 12 Ga.	3" x 12 Ga.
6'1" to 8'	3" x 12 Ga.	4" x 12 Ga.

Table 2 – Coating Performance Requirements		
<u>Quality Characteristics</u>	<u>ASTM Test Method</u>	<u>Performance Requirements</u>
Adhesion	D3359 – Method B	Adhesion (Retention of Coating) over 90% of test area (Tape and knife test).
Corrosion Resistance	B117, D714 & D1654	Corrosion Resistance over 1,500 hours (Scribed per D1654; failure mode is accumulation of 1/8" coating loss from scribe or medium #8 blisters).
Impact Resistance	D2794	Impact Resistance over 60 inch lb. (Forward impact using 0.625" ball).
Weathering Resistance	D822 D2244, D523 (60° Method)	Weathering Resistance over 1,000 hours (Failure mode is 60% loss of gloss or color variance of more than 3 delta-E color units).

Table 3 – Montage Plus – Post Spacing By Bracket Type						
<u>Span</u>	For CLASSIC, GENESIS, MAJESTIC, & WARRIOR 8' Nominal (91.95" Rail)					
<u>Post Size</u>	2-1/2"	2-1/2"	2-1/2"	3"	2-1/2"	3"
<u>Bracket Type</u>	Montage Plus Universal (BB112)	Montage Plus Line Blvd. (BB114)	Montage Plus Flat Mount (BB111)		Montage Plus Swivel (BB113)*	
<u>Post Settings ± 1/4" O.C.</u>	95"	95"	95"	95-1/2"	*95"	*95-1/2"
*Note: When using BB113 swivel brackets on either or both ends of a panel installation, care must be taken to ensure the spacing between post and adjoining pickets meets applicable codes. This will require trimming one or both ends of the panel.						

MONTAGE PLUS® / WARRANTY WELDED ORNAMENTAL FENCE

Ameristar’s Montage Plus® welded ornamental fences are manufactured from the highest quality materials by skilled craftsmen to meet the highest standards of workmanship in the industry. Galvanized steel framework is subjected to a multi-stage pretreatment/wash (with zinc phosphate), followed by a duplex cathodic electro-coat system consisting of an epoxy primer, which significantly increases corrosion protection, and an acrylic liquid topcoat, which provides the protection necessary to withstand adverse weathering effects.

The electro-coated surface on all Montage Plus welded ornamental panels and posts, are guaranteed under normal and intended usage, against cracking, peeling, chipping, blistering or corroding commencing with the original purchase date and extending according to the applications defined in the table below. Normal and intended usage does not include physical damage, abrasion, or heavy salt spray exposure to the protective coating.

The following acts and/or omissions will void the subject warranty:

- Damage to the product caused by the property owner by use of landscape, gardening equipment, chemicals that may cause damage, and/or water sprinklers with high mineral content;
- Damage caused by adhesion of chicken wire, chain link mesh, welded wire, or other similar substance to the product;
- Damage caused by allowing plant life of any sort to grow directly upon or in contact with any portion of the product or sap from trees;
- Any alteration to the product itself by the property owner including any on-site cutting or welding; and/or, failure to follow any and all maintenance instructions provided by Ameristar® at the time of sale to the original purchaser even if these instructions are not forwarded to the ultimate claimant under this warranty.
- When cutting Montage Plus immediately seal the exposed surfaces by 1) Removing all metal shavings from the cut area 2) Applying zinc-rich primer to thoroughly cover cut edge and drilled hole and, after letting dry 3) Applying two (2) coats of custom finish spray paint matching fence color. Failure to seal exposed surfaces per steps 1-3 above will negate warranty.
- If contractor uses non-Ameristar parts/components this will negate the warranty.

Ameristar Montage Plus welded ornamental fences are also guaranteed for the same period of time against defects in workmanship or materials. Should any Montage Plus welded ornamental panel or post manufactured by Ameristar fail in accordance with any of the above conditions, Ameristar warrants to the original purchaser their redemption through replacement, renewal or issuance of a pro-rated credit. The choice of redemption method is solely at the discretion of Ameristar. If the pro-rated alternative is chosen, the amount will be based on the original cost of materials at the date of purchase multiplied by the appropriate time and exposure factor from the table below:

<u>Application</u>	<u>Length of Warranty</u>
Fence Installations 0 to 1 Mile from Salt Water Coast Line	5 Years
Fence Installations 1 Mile to 10 Miles from Salt Water Coast Line	10 Years
Fence Installations Over 10 Miles from Salt Water Coast Line	20 Years

Note: Regardless of location and years in service, evidence of historical salt spray exposure shall be considered as grounds to void any warranty obligations.

Notice of failure under the conditions of this warranty shall be sent to Ameristar or its authorized representative, in writing, together with proof of purchase and shall specify the nature of the defect and when it was first observed as well as photographs of current site conditions. Should the fence be improperly installed, Ameristar shall not be responsible for guaranteed performance or appearance of the material. Neither does this guarantee apply when failure or damage is due to improper use or application, abuse or misuse, salt spray exposure (see Table and Note above), vandalism, or acts of God. Ameristar reserves the right to inspect the material to determine validity of the claim.

Upon acceptance of the claim by Ameristar or its authorized representative, redemption by replacement, renewal or issuance of a pro-rated credit shall be made by Ameristar. Reimbursement for labor necessary to restore and/or replace components that have been found defective under the terms of this warranty is guaranteed to the original purchaser for a period of five (5) years from the original purchase date. Ameristar reserves the right to select the qualified company or individual to perform the labor to repair or replace the components that are deemed to be defective under the terms of this warranty.

The above constitutes the complete warranty by the manufacturer. No other agreement, written or implied, is valid. Ameristar Fence Products does not authorize any other person or agent to make any other express warranties. Ameristar neither assumes nor authorizes any other person or agent to assume any other liability in connection with the Montage Plus welded ornamental fence system.



AMERISTAR®
FENCE PRODUCTS

1555 N. MINGO RD., TULSA, OK 74116
 WWW.AMERISTARFENCE.COM

Effective: 04/16/13

MONTAGE PLUS® STANDARD STEEL WELDED GATES



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GATE SPECIFICATIONS

SINGLE

Construction Components for Nominal Gate
Openings of 3-1/2' thru 8':

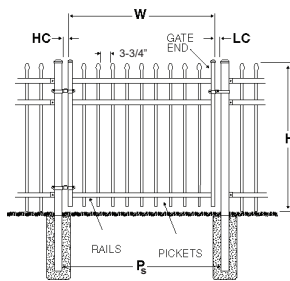
Gate Ends: 1-3/4" Sq. (14 Ga.) Steel
Rails: 1-7/16" W x 1-1/2" H (14 Ga.) Steel
Pickets: 3/4" Sq. (17 Ga.)

DOUBLE

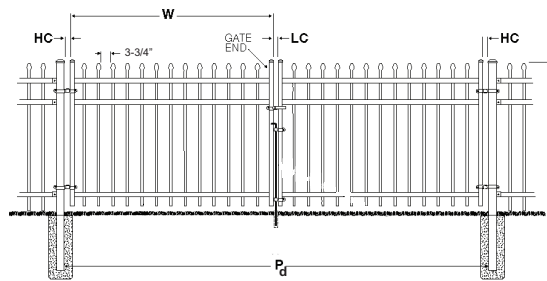
Construction Components for Nominal Gate
Openings of 9' thru 16':

Gate Ends: 1-3/4" Sq. (14 Ga.) Steel
Rails: 1-1/2" W x 1-1/2" H (14 Ga.) Steel
Pickets: 3/4" Sq. (17 Ga.)
(With gusset plates and cable kit)

GATE DRAWING DIMENSIONAL FORMAT



Order 1 Leaf For Single Swing Opening



Order 2 Leaves For Double Swing Opening

W = Outside To Outside Width of Finished Gate Leaf

H = Height; HC = Hinge Clearance; LC = Latch Clearance;

P_s = Gate Post Spacing (Inside-To-Inside) for Single Gate; P_d = Gate Post Spacing (Inside-To-Inside) for Double Gate

See Montage Plus Specification for Montage Plus Gate Post Recommendation

HARDWARE KITS & POST INTERSPACES FOR MONTAGE PLUS SINGLE SWING STANDARD STEEL WELDED GATES							
NOMINAL GATE OPENING	3-1/2'	4'	5'	6'	7'	8'	
W = LEAF WIDTH	40"	49-1/2"	58-3/4"	68"	86-3/4"	95-1/2"	
FORK LATCH/BOX HINGE KITS #SGBSX25 OR #SGBSX3	HC	2"					
	LC	2"					
	P _s	44"	53-1/2"	62-3/4"	72"	90-3/4"	99-1/2"
AMERISTAR LOCK/BOX HINGE KIT #SGBSXA	HC	2"					
	LC	5/8"					
	P _s	42-5/8"	52-1/8"	61-3/8"	70-5/8"	89-3/8"	98-1/8"
LOKLATCH WITH TRU-CLOSE HINGE KIT #TCSGK	HC	3/4"					
	LC	3/4"					
	P _s	41-1/2"	51"	60-1/4"	69-1/2"	88-1/4"	97"
TOP PULL LATCH WITH TRU-CLOSE HINGE KIT #TCPGK	HC	3/4"					
	LC	3/4"					
	P _s	41-1/2"	51"	60-1/4"	69-1/2"	88-1/4"	97"
COMMERCIAL HINGE WITH STRONGARM KIT #CGBS-25, #CGBS-3 OR #CGBS-4	HC	1"					
	LC	3"					
	P _s	44"	53-1/2"	62-3/4"	72"	90-3/4"	99-1/2"
HEAVY COMMERCIAL HINGE KIT #HGBS-25, #HGBS-3 OR #HGBS-4	HC	1-1/4"					
	LC	3"					
	P _s	44-1/4"	53-3/4"	63"	72-1/4"	91"	99-3/4"
P _s (Gate Post Spacing (Inside-To-Inside) for Single Gate = HC (Hinge Clearance) + W (Out-To-Out Gate Width) + LC (Latch Clearance))							

HARDWARE KITS & POST INTERSPACES FOR MONTAGE PLUS DOUBLE SWING STANDARD STEEL WELDED GATES							
NOMINAL GATE OPENING	7'	8'	10'	12'	14'	16'	
W = LEAF WIDTH	40"	49-1/2"	58-3/4"	68"	86-3/4"	95-1/2"	
FORK LATCH / BOX HINGE KIT #SGBDX	HC	2"					
	LC	2"					
	P _s	86"	105"	123-1/2"	142"	179-1/2"	197"
COMMERCIAL HINGE WITH STRONG ARM KIT #CGBD	HC	1"					
	LC	2"					
	P _s	84"	103"	121-1/2"	140"	177-1/2"	195"
HEAVY COMMERCIAL HINGE KIT #HGBD	HC	1-1/4"					
	LC	2"					
	P _s	84-1/2"	103-1/2"	122"	140-1/2"	178"	195-1/2"
P _d (Gate Post Spacing (Inside-To-Inside) for Double Gate = 2 x HC (Hinge Clearance) + 2 x W (Out-To-Out Gate Width) + LC (Latch Clearance))							

Effective: 04/16/13

MONTAGE PLUS® SWING GATES



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MONTAGE PLUS

2-Rail (Standard) (4" Air Gap)						
(NOMINAL) GATE HEIGHT	(NOMINAL) GATE OPENING	(ACTUAL) GATE LEAF WIDTH	ITEM NUMBER	GATE WEIGHT	PICKET QTY	STOCKING STYLE/COLOR
3' H	3-1/2'	40"	1W * X 234-42	27	7	N/A
	4'	49-1/2"	1W * X 234-48	32	9	N/A
	5'	58-3/4"	1W * X 234-60	36	11	N/A
	6'	68"	1W * X 234-72	41	13	N/A
	7'	86-3/4"	1W * X 234-84	49	17	N/A
	8'	95-1/2"	1W * X 234-96	53	19	N/A
	9'	105-1/2"	1W * X 234-108	93	21	N/A
	10'	114-3/4"	1W * X 234-120	102	23	N/A
	11'	133-1/2"	1W * X 234-132	115	27	N/A
	12'	143"	1W * X 234-144	129	29	N/A
	13'	152-1/4"	1W * X 234-156	140	31	N/A
	14'	171"	1W * X 234-168	148	35	N/A
	15'	180-1/4"	1W * X 234-180	156	37	N/A
16'	189-3/4"	1W * X 234-192	167	39	N/A	
3-1/2' H	3-1/2'	40"	1W * X 240-42	30	7	N/A
	4'	49-1/2"	1W * X 240-48	36	9	N/A
	5'	58-3/4"	1W * X 240-60	41	11	N/A
	6'	68"	1W * X 240-72	46	13	N/A
	7'	86-3/4"	1W * X 240-84	54	17	N/A
	8'	95-1/2"	1W * X 240-96	73	19	N/A
	9'	105-1/2"	1W * X 240-108	104	21	N/A
	10'	114-3/4"	1W * X 240-120	113	23	N/A
	11'	133-1/2"	1W * X 240-132	127	27	N/A
	12'	143"	1W * X 240-144	142	29	N/A
	13'	152-1/4"	1W * X 240-156	153	31	N/A
	14'	171"	1W * X 240-168	162	35	N/A
	15'	180-1/4"	1W * X 240-180	171	37	N/A
16'	189-3/4"	1W * X 240-192	182	39	N/A	
4' H	3-1/2'	40"	1W * X 246-42	37	7	N/A
	4'	49-1/2"	1W * X 246-48	40	9	N/A
	5'	58-3/4"	1W * X 246-60	49	11	N/A
	6'	68"	1W * X 246-72	57	13	N/A
	7'	86-3/4"	1W * X 246-84	63	17	N/A
	8'	95-1/2"	1W * X 246-96	73	19	N/A
	9'	105-1/2"	1W * X 246-108	110	21	N/A
	10'	114-3/4"	1W * X 246-120	121	23	N/A
	11'	133-1/2"	1W * X 246-132	138	27	N/A
	12'	143"	1W * X 246-144	155	29	N/A
	13'	152-1/4"	1W * X 246-156	166	31	N/A
	14'	171"	1W * X 246-168	176	35	N/A
	15'	180-1/4"	1W * X 246-180	186	37	N/A
16'	189-3/4"	1W * X 246-192	197	39	N/A	

STYLE SELECTION = * X = COLOR SELECTION

MAJESTIC = M B = BLACK
 CLASSIC = C N = BRONZE
 GENESIS = G
 WARRIOR = W

For additional strength; all gate leaves greater than 6 feet in width will have an intermediate center upright, gusset plates will be welded in all four corners, and the appropriate quantity of turnbuckle and cable kits will be included. Custom gate dimensions are available upon request, but incur a 10% engineering charge based on the nearest larger standard gate leaf.

Effective: 04/16/13

MONTAGE PLUS® SWING GATES



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		CLASSIC	GENESIS	2-Rail (Standard) (4" Air Gap)	MAJESTIC	WARRIOR	
(NOMINAL) GATE HEIGHT	(NOMINAL) GATE OPENING	(ACTUAL) GATE LEAF WIDTH	ITEM NUMBER		GATE WEIGHT	PICKET QTY	STOCKING STYLE/COLOR
5' H	3-1/2'	40"	1W	* X 258-42	46	7	N/A
	4'	49-1/2"	1W	* X 258-48	49	9	N/A
	5'	58-3/4"	1W	* X 258-60	59	11	N/A
	6'	68"	1W	* X 258-72	69	13	N/A
	7'	86-3/4"	1W	* X 258-84	75	17	N/A
	8'	95-1/2"	1W	* X 258-96	88	19	N/A
	9'	105-1/2"	1W	* X 258-108	127	21	N/A
	10'	114-3/4"	1W	* X 258-120	140	23	N/A
	11'	133-1/2"	1W	* X 258-132	161	27	N/A
	12'	143"	1W	* X 258-144	181	29	N/A
	13'	152-1/4"	1W	* X 258-156	192	31	N/A
	14'	171"	1W	* X 258-168	204	35	N/A
	15'	180-1/4"	1W	* X 258-180	216	37	N/A
16'	189-3/4"	1W	* X 258-192	227	39	N/A	
6' H	3-1/2'	40"	1W	* X 270-42	54	7	N/A
	4'	49-1/2"	1W	* X 270-48	58	9	N/A
	5'	58-3/4"	1W	* X 270-60	69	11	N/A
	6'	68"	1W	* X 270-72	80	13	N/A
	7'	86-3/4"	1W	* X 270-84	88	17	N/A
	8'	95-1/2"	1W	* X 270-96	104	19	N/A
	9'	105-1/2"	1W	* X 270-108	144	21	N/A
	10'	114-3/4"	1W	* X 270-120	159	23	N/A
	11'	133-1/2"	1W	* X 270-132	183	27	N/A
	12'	143"	1W	* X 270-144	206	29	N/A
	13'	152-1/4"	1W	* X 270-156	220	31	N/A
	14'	171"	1W	* X 270-168	233	35	N/A
	15'	180-1/4"	1W	* X 270-180	246	37	N/A
16'	189-3/4"	1W	* X 270-192	258	39	N/A	

STYLE SELECTION = * X = COLOR SELECTION
 MAJESTIC = M B = BLACK
 CLASSIC = C N = BRONZE
 GENESIS = G
 WARRIOR = W

For additional strength; all gate leaves greater than 6 feet in width will have an intermediate center upright, gusset plates will be welded in all four corners, and the appropriate quantity of turnbuckle and cable kits will be included. Custom gate dimensions are available upon request, but incur a 10% engineering charge based on the nearest larger standard gate leaf.

Effective: 04/16/13

MONTAGE PLUS

MONTAGE PLUS® SWING GATES



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FAX: 1-877-926-3747

MONTAGE PLUS

2-Rail (Standard) (3" Air Gap)

CLASSIC



GENESIS



MAJESTIC



(NOMINAL) GATE HEIGHT	(NOMINAL) GATE OPENING	(ACTUAL) GATE LEAF WIDTH	ITEM NUMBER	GATE WEIGHT	PICKET QTY	STOCKING STYLE/COLOR
3' H	3-1/2'	40"	1R $\frac{C}{G}$ $\frac{X}{N}$ 234-42	30	9	N/A
	4'	49-1/2"	1R $\frac{C}{G}$ $\frac{X}{N}$ 234-48	34	12	N/A
	5'	58-3/4"	1R $\frac{C}{G}$ $\frac{X}{N}$ 234-60	40	14	N/A
	6'	68"	1R $\frac{C}{G}$ $\frac{X}{N}$ 234-72	46	17	N/A
	7'	86-3/4"	1R $\frac{C}{G}$ $\frac{X}{N}$ 234-84	54	22	N/A
	8'	95-1/2"	1R $\frac{C}{G}$ $\frac{X}{N}$ 234-96	60	24	N/A
3-1/2' H	3-1/2'	40"	1R $\frac{C}{G}$ $\frac{X}{N}$ 240-42	34	9	N/A
	4'	49-1/2"	1R $\frac{C}{G}$ $\frac{X}{N}$ 240-48	39	12	N/A
	5'	58-3/4"	1R $\frac{C}{G}$ $\frac{X}{N}$ 240-60	46	14	N/A
	6'	68"	1R $\frac{C}{G}$ $\frac{X}{N}$ 240-72	52	17	N/A
	7'	86-3/4"	1R $\frac{C}{G}$ $\frac{X}{N}$ 240-84	61	22	N/A
	8'	95-1/2"	1R $\frac{C}{G}$ $\frac{X}{N}$ 240-96	68	24	N/A
4' H	3-1/2'	40"	1R $\frac{C}{G}$ $\frac{X}{N}$ 246-42	39	9	N/A
	4'	49-1/2"	1R $\frac{C}{G}$ $\frac{X}{N}$ 246-48	42	12	N/A
	5'	58-3/4"	1R $\frac{C}{G}$ $\frac{X}{N}$ 246-60	53	14	N/A
	6'	68"	1R $\frac{C}{G}$ $\frac{X}{N}$ 246-72	61	17	N/A
	7'	86-3/4"	1R $\frac{C}{G}$ $\frac{X}{N}$ 246-84	69	22	N/A
	8'	95-1/2"	1R $\frac{C}{G}$ $\frac{X}{N}$ 246-96	80	24	N/A
5' H	3-1/2'	40"	1R $\frac{C}{G}$ $\frac{X}{N}$ 258-42	48	9	N/A
	4'	49-1/2"	1R $\frac{C}{G}$ $\frac{X}{N}$ 258-48	51	12	N/A
	5'	58-3/4"	1R $\frac{C}{G}$ $\frac{X}{N}$ 258-60	64	14	N/A
	6'	68"	1R $\frac{C}{G}$ $\frac{X}{N}$ 258-72	74	17	N/A
	7'	86-3/4"	1R $\frac{C}{G}$ $\frac{X}{N}$ 258-84	83	22	N/A
	8'	95-1/2"	1R $\frac{C}{G}$ $\frac{X}{N}$ 258-96	97	24	N/A
6' H	3-1/2'	40"	1R $\frac{C}{G}$ $\frac{X}{N}$ 270-42	56	9	N/A
	4'	49-1/2"	1R $\frac{C}{G}$ $\frac{X}{N}$ 270-48	60	12	N/A
	5'	58-3/4"	1R $\frac{C}{G}$ $\frac{X}{N}$ 270-60	75	14	N/A
	6'	68"	1R $\frac{C}{G}$ $\frac{X}{N}$ 270-72	87	17	N/A
	7'	86-3/4"	1R $\frac{C}{G}$ $\frac{X}{N}$ 270-84	97	22	N/A
	8'	95-1/2"	1R $\frac{C}{G}$ $\frac{X}{N}$ 270-96	113	24	N/A

STYLE SELECTION = $\frac{C}{G}$ $\frac{X}{N}$ = COLOR SELECTION

MAJESTIC = $\frac{M}{B}$ = BLACK
 CLASSIC = $\frac{C}{N}$ = BRONZE
 GENESIS = $\frac{G}{G}$
 WARRIOR = N/A IN 3" AIR GAP

For additional strength; all gate leaves greater than 6 feet in width will have an intermediate center upright, gusset plates will be welded in all four corners, and the appropriate quantity of turnbuckle and cable kits will be included. Custom gate dimensions are available upon request, but incur a 10% engineering charge based on the nearest larger standard gate leaf.

Effective: 04/16/13

MONTAGE PLUS® SWING GATES



1-888-333-3422
FAX: 1-877-926-3747

2-Rail (Flush Bottom) (4" Air Gap)						
		CLASSIC	GENESIS	MAJESTIC	WARRIOR	
(NOMINAL) GATE HEIGHT	(NOMINAL) GATE OPENING	(ACTUAL) GATE LEAF WIDTH	ITEM NUMBER	GATE WEIGHT	PICKET QTY	STOCKING STYLE/COLOR
3' H	3-1/2'	40"	1W * X 234F-42	27	7	
	4'	49-1/2"	1W * X 234F-48	32	9	N/A
	5'	58-3/4"	1W * X 234F-60	36	11	N/A
	6'	68"	1W * X 234F-72	41	13	N/A
	7'	86-3/4"	1W * X 234F-84	49	17	N/A
	8'	95-1/2"	1W * X 234F-96	53	19	N/A
	9'	105-1/2"	1W * X 234F-108	93	21	N/A
	10'	114-3/4"	1W * X 234F-120	102	23	N/A
	11'	133-1/2"	1W * X 234F-132	115	27	N/A
	12'	143"	1W * X 234F-144	129	29	N/A
	13'	152-1/4"	1W * X 234F-156	140	31	N/A
	14'	171"	1W * X 234F-168	148	35	N/A
	15'	180-1/4"	1W * X 234F-180	156	37	N/A
16'	189-3/4"	1W * X 234F-192	167	39	N/A	
3-1/2' H	3-1/2'	40"	1W * X 240F-42	30	7	N/A
	4'	49-1/2"	1W * X 240F-48	36	9	N/A
	5'	58-3/4"	1W * X 240F-60	41	11	N/A
	6'	68"	1W * X 240F-72	46	13	N/A
	7'	86-3/4"	1W * X 240F-84	54	17	N/A
	8'	95-1/2"	1W * X 240F-96	73	19	N/A
	9'	105-1/2"	1W * X 240F-108	104	21	N/A
	10'	114-3/4"	1W * X 240F-120	113	23	N/A
	11'	133-1/2"	1W * X 240F-132	127	27	N/A
	12'	143"	1W * X 240F-144	142	29	N/A
	13'	152-1/4"	1W * X 240F-156	153	31	N/A
	14'	171"	1W * X 240F-168	162	35	N/A
	15'	180-1/4"	1W * X 240F-180	171	37	N/A
16'	189-3/4"	1W * X 240F-192	182	39	N/A	
4' H	3-1/2'	40"	1W * X 246F-42	37	7	N/A
	4'	49-1/2"	1W * X 246F-48	40	9	N/A
	5'	58-3/4"	1W * X 246F-60	49	11	N/A
	6'	68"	1W * X 246F-72	57	13	N/A
	7'	86-3/4"	1W * X 246F-84	63	17	N/A
	8'	95-1/2"	1W * X 246F-96	73	19	N/A
	9'	105-1/2"	1W * X 246F-108	110	21	N/A
	10'	114-3/4"	1W * X 246F-120	121	23	N/A
	11'	133-1/2"	1W * X 246F-132	138	27	N/A
	12'	143"	1W * X 246F-144	155	29	N/A
	13'	152-1/4"	1W * X 246F-156	166	31	N/A
	14'	171"	1W * X 246F-168	176	35	N/A
	15'	180-1/4"	1W * X 246F-180	186	37	N/A
16'	189-3/4"	1W * X 246F-192	197	39	N/A	

STYLE SELECTION = * X = COLOR SELECTION
 MAJESTIC = M B = BLACK
 CLASSIC = C N = BRONZE
 GENESIS = G
 WARRIOR = W

For additional strength; all gate leaves greater than 6 feet in width will have an intermediate center upright, gusset plates will be welded in all four corners, and the appropriate quantity of turnbuckle and cable kits will be included. Custom gate dimensions are available upon request, but incur a 10% engineering charge based on the nearest larger standard gate leaf.

Effective: 04/16/13

MONTAGE PLUS® SWING GATES



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 FAX: 1-877-926-3747

MONTAGE PLUS

2-Rail (Flush Bottom) (4" Air Gap)



(NOMINAL) GATE HEIGHT	(NOMINAL) GATE OPENING	(ACTUAL) GATE LEAF WIDTH	ITEM NUMBER	GATE WEIGHT	PICKET QTY	STOCKING STYLE/COLOR
5' H	3-1/2'	40"	1W * X 258F-42	46	7	N/A
	4'	49-1/2"	1W * X 258F-48	49	9	N/A
	5'	58-3/4"	1W * X 258F-60	59	11	N/A
	6'	68"	1W * X 258F-72	69	13	N/A
	7'	86-3/4"	1W * X 258F-84	75	17	N/A
	8'	95-1/2"	1W * X 258F-96	88	19	N/A
	9'	105-1/2"	1W * X 258F-108	127	21	N/A
	10'	114-3/4"	1W * X 258F-120	140	23	N/A
	11'	133-1/2"	1W * X 258F-132	161	27	N/A
	12'	143"	1W * X 258F-144	181	29	N/A
	13'	152-1/4"	1W * X 258F-156	192	31	N/A
	14'	171"	1W * X 258F-168	204	35	N/A
15'	180-1/4"	1W * X 258F-180	216	37	N/A	
16'	189-3/4"	1W * X 258F-192	227	39	N/A	
6' H	3-1/2'	40"	1W * X 270F-42	54	7	N/A
	4'	49-1/2"	1W * X 270F-48	58	9	N/A
	5'	58-3/4"	1W * X 270F-60	69	11	N/A
	6'	68"	1W * X 270F-72	80	13	N/A
	7'	86-3/4"	1W * X 270F-84	88	17	N/A
	8'	95-1/2"	1W * X 270F-96	104	19	N/A
	9'	105-1/2"	1W * X 270F-108	144	21	N/A
	10'	114-3/4"	1W * X 270F-120	159	23	N/A
	11'	133-1/2"	1W * X 270F-132	183	27	N/A
	12'	143"	1W * X 270F-144	206	29	N/A
	13'	152-1/4"	1W * X 270F-156	220	31	N/A
	14'	171"	1W * X 270F-168	233	35	N/A
15'	180-1/4"	1W * X 270F-180	246	37	N/A	
16'	189-3/4"	1W * X 270F-192	258	39	N/A	

STYLE SELECTION = * X = COLOR SELECTION
 MAJESTIC = M B = BLACK
 CLASSIC = C N = BRONZE
 GENESIS = G
 WARRIOR = W

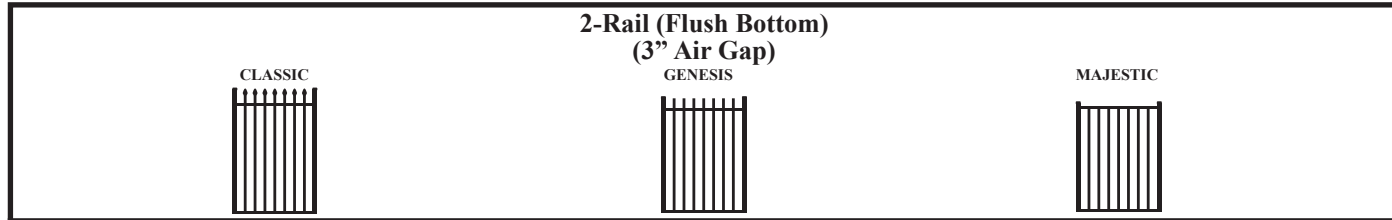
For additional strength; all gate leaves greater than 6 feet in width will have an intermediate center upright, gusset plates will be welded in all four corners, and the appropriate quantity of turnbuckle and cable kits will be included. Custom gate dimensions are available upon request, but incur a 10% engineering charge based on the nearest larger standard gate leaf.

Effective: 04/16/13

MONTAGE PLUS® SWING GATES



1-888-333-3422
FAX: 1-877-926-3747



(NOMINAL) GATE HEIGHT	(NOMINAL) GATE OPENING	(ACTUAL) GATE LEAF WIDTH	ITEM NUMBER	GATE WEIGHT	PICKET QTY	STOCKING STYLE/COLOR
3' H	3-1/2'	40"	1R $\frac{*}{-}$ $\frac{X}{-}$ 234F-42	30	9	N/A
	4'	49-1/2"	1R $\frac{*}{-}$ $\frac{X}{-}$ 234F-48	34	12	N/A
	5'	58-3/4"	1R $\frac{*}{-}$ $\frac{X}{-}$ 234F-60	40	14	N/A
	6'	68"	1R $\frac{*}{-}$ $\frac{X}{-}$ 234F-72	46	17	N/A
	7'	86-3/4"	1R $\frac{*}{-}$ $\frac{X}{-}$ 234F-84	54	22	N/A
	8'	95-1/2"	1R $\frac{*}{-}$ $\frac{X}{-}$ 234F-96	60	24	N/A
3-1/2' H	3-1/2'	40"	1R $\frac{*}{-}$ $\frac{X}{-}$ 240F-42	34	9	N/A
	4'	49-1/2"	1R $\frac{*}{-}$ $\frac{X}{-}$ 240F-48	39	12	N/A
	5'	58-3/4"	1R $\frac{*}{-}$ $\frac{X}{-}$ 240F-60	46	14	N/A
	6'	68"	1R $\frac{*}{-}$ $\frac{X}{-}$ 240F-72	52	17	N/A
	7'	86-3/4"	1R $\frac{*}{-}$ $\frac{X}{-}$ 240F-84	61	22	N/A
	8'	95-1/2"	1R $\frac{*}{-}$ $\frac{X}{-}$ 240F-96	68	24	N/A
4' H	3-1/2'	40"	1R $\frac{*}{-}$ $\frac{X}{-}$ 246F-42	39	9	N/A
	4'	49-1/2"	1R $\frac{*}{-}$ $\frac{X}{-}$ 246F-48	42	12	N/A
	5'	58-3/4"	1R $\frac{*}{-}$ $\frac{X}{-}$ 246F-60	53	14	N/A
	6'	68"	1R $\frac{*}{-}$ $\frac{X}{-}$ 246F-72	61	17	N/A
	7'	86-3/4"	1R $\frac{*}{-}$ $\frac{X}{-}$ 246F-84	69	22	N/A
	8'	95-1/2"	1R $\frac{*}{-}$ $\frac{X}{-}$ 246F-96	80	24	N/A
5' H	3-1/2'	40"	1R $\frac{*}{-}$ $\frac{X}{-}$ 258F-42	48	9	N/A
	4'	49-1/2"	1R $\frac{*}{-}$ $\frac{X}{-}$ 258F-48	51	12	N/A
	5'	58-3/4"	1R $\frac{*}{-}$ $\frac{X}{-}$ 258F-60	64	14	N/A
	6'	68"	1R $\frac{*}{-}$ $\frac{X}{-}$ 258F-72	74	17	N/A
	7'	86-3/4"	1R $\frac{*}{-}$ $\frac{X}{-}$ 258F-84	83	22	N/A
	8'	95-1/2"	1R $\frac{*}{-}$ $\frac{X}{-}$ 258F-96	97	24	N/A
6' H	3-1/2'	40"	1R $\frac{*}{-}$ $\frac{X}{-}$ 270F-42	56	9	N/A
	4'	49-1/2"	1R $\frac{*}{-}$ $\frac{X}{-}$ 270F-48	60	12	N/A
	5'	58-3/4"	1R $\frac{*}{-}$ $\frac{X}{-}$ 270F-60	75	14	N/A
	6'	68"	1R $\frac{*}{-}$ $\frac{X}{-}$ 270F-72	87	17	N/A
	7'	86-3/4"	1R $\frac{*}{-}$ $\frac{X}{-}$ 270F-84	97	22	N/A
	8'	95-1/2"	1R $\frac{*}{-}$ $\frac{X}{-}$ 270F-96	113	24	N/A

STYLE SELECTION = * $\frac{X}{-}$ = COLOR SELECTION
 MAJESTIC = $\frac{M}{-}$ B = BLACK
 CLASSIC = $\frac{C}{-}$ N = BRONZE
 GENESIS = $\frac{G}{-}$
 WARRIOR = N/A IN 3" AIR GAP

For additional strength; all gate leaves greater than 6 feet in width will have an intermediate center upright, gusset plates will be welded in all four corners, and the appropriate quantity of turnbuckle and cable kits will be included. Custom gate dimensions are available upon request, but incur a 10% engineering charge based on the nearest larger standard gate leaf.

Effective: 04/16/13

MONTAGE PLUS® SWING GATES



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 FAX: 1-877-926-3747

MONTAGE PLUS

3-Rail (Standard) (4" Air Gap)						
		CLASSIC	GENESIS	MAJESTIC	WARRIOR	
(NOMINAL) GATE HEIGHT	(NOMINAL) GATE OPENING	(ACTUAL) GATE LEAF WIDTH	ITEM NUMBER	GATE WEIGHT	PICKET QTY	STOCKING STYLE/COLOR
3' H	3-1/2'	40"	1W <u> </u> X 334-42	30	7	N/A
	4'	49-1/2"	1W <u> </u> X 334-48	36	9	N/A
	5'	58-3/4"	1W <u> </u> X 334-60	41	11	N/A
	6'	68"	1W <u> </u> X 334-72	47	13	N/A
	7'	86-3/4"	1W <u> </u> X 334-84	57	17	N/A
	8'	95-1/2"	1W <u> </u> X 334-96	62	19	N/A
	9'	105-1/2"	1W <u> </u> X 334-108	100	21	N/A
	10'	114-3/4"	1W <u> </u> X 334-120	123	23	N/A
	11'	133-1/2"	1W <u> </u> X 334-132	138	27	N/A
	12'	143"	1W <u> </u> X 334-144	153	29	N/A
	13'	152-1/4"	1W <u> </u> X 334-156	164	31	N/A
	14'	171"	1W <u> </u> X 334-168	176	35	N/A
	15'	180-1/4"	1W <u> </u> X 334-180	189	37	N/A
16'	189-3/4"	1W <u> </u> X 334-192	202	39	N/A	
3-1/2' H	3-1/2'	40"	1W <u> </u> X 340-42	34	7	N/A
	4'	49-1/2"	1W <u> </u> X 340-48	40	9	N/A
	5'	58-3/4"	1W <u> </u> X 340-60	46	11	N/A
	6'	68"	1W <u> </u> X 340-72	47	13	N/A
	7'	86-3/4"	1W <u> </u> X 340-84	62	17	N/A
	8'	95-1/2"	1W <u> </u> X 340-96	68	19	N/A
	9'	105-1/2"	1W <u> </u> X 340-108	115	21	N/A
	10'	114-3/4"	1W <u> </u> X 340-120	133	23	N/A
	11'	133-1/2"	1W <u> </u> X 340-132	150	27	N/A
	12'	143"	1W <u> </u> X 340-144	167	29	N/A
	13'	152-1/4"	1W <u> </u> X 340-156	179	31	N/A
	14'	171"	1W <u> </u> X 340-168	191	35	N/A
	15'	180-1/4"	1W <u> </u> X 340-180	204	37	N/A
16'	189-3/4"	1W <u> </u> X 340-192	217	39	N/A	
4' H	3-1/2'	40"	1W <u> </u> X 346-42	41	7	N/A
	4'	49-1/2"	1W <u> </u> X 346-48	44	9	MAJ/BLK
	5'	58-3/4"	1W <u> </u> X 346-60	54	11	N/A
	6'	68"	1W <u> </u> X 346-72	63	13	N/A
	7'	86-3/4"	1W <u> </u> X 346-84	70	17	N/A
	8'	95-1/2"	1W <u> </u> X 346-96	82	19	N/A
	9'	105-1/2"	1W <u> </u> X 346-108	130	21	N/A
	10'	114-3/4"	1W <u> </u> X 346-120	143	23	N/A
	11'	133-1/2"	1W <u> </u> X 346-132	162	27	N/A
	12'	143"	1W <u> </u> X 346-144	181	29	N/A
	13'	152-1/4"	1W <u> </u> X 346-156	194	31	N/A
	14'	171"	1W <u> </u> X 346-168	206	35	N/A
	15'	180-1/4"	1W <u> </u> X 346-180	219	37	N/A
16'	189-3/4"	1W <u> </u> X 346-192	232	39	N/A	

STYLE SELECTION = X = COLOR SELECTION
 MAJESTIC = M B = BLACK
 CLASSIC = C N = BRONZE
 GENESIS = G
 WARRIOR = W

For additional strength; all gate leaves greater than 6 feet in width will have an intermediate center upright, gusset plates will be welded in all four corners, and the appropriate quantity of turnbuckle and cable kits will be included. Custom gate dimensions are available upon request, but incur a 10% engineering charge based on the nearest larger standard gate leaf.

Effective: 04/16/13

MONTAGE PLUS® SWING GATES



1-888-333-3422
FAX: 1-877-926-3747

3-Rail (Standard) (4" Air Gap)							
CLASSIC		GENESIS		MAJESTIC		WARRIOR	
(NOMINAL) GATE HEIGHT	(NOMINAL) GATE OPENING	(ACTUAL) GATE LEAF WIDTH	ITEM NUMBER	GATE WEIGHT	PICKET QTY	STOCKING STYLE/COLOR	
5' H	3-1/2'	40"	1W * X 358-42	49	7	N/A	
	4'	49-1/2"	1W * X 358-48	53	9	N/A	
	5'	58-3/4"	1W * X 358-60	64	11	N/A	
	6'	68"	1W * X 358-72	74	13	N/A	
	7'	86-3/4"	1W * X 358-84	82	17	N/A	
	8'	95-1/2"	1W * X 358-96	97	19	N/A	
	9'	105-1/2"	1W * X 358-108	159	21	N/A	
	10'	114-3/4"	1W * X 358-120	162	23	N/A	
	11'	133-1/2"	1W * X 358-132	185	27	N/A	
	12'	143"	1W * X 358-144	208	29	N/A	
	13'	152-1/4"	1W * X 358-156	222	31	N/A	
	14'	171"	1W * X 358-168	235	35	N/A	
	15'	180-1/4"	1W * X 358-180	249	37	N/A	
16'	189-3/4"	1W * X 358-192	262	39	N/A		
6' H	3-1/2'	40"	1W * X 370-42	57	7	N/A	
	4'	49-1/2"	1W * X 370-48	62	9	MAJ, GEN/BLK	
	5'	58-3/4"	1W * X 370-60	74	11	MAJ/BLK	
	6'	68"	1W * X 370-72	87	13	N/A	
	7'	86-3/4"	1W * X 370-84	95	17	N/A	
	8'	95-1/2"	1W * X 370-96	112	19	N/A	
	9'	105-1/2"	1W * X 370-108	161	21	N/A	
	10'	114-3/4"	1W * X 370-120	181	23	N/A	
	11'	133-1/2"	1W * X 370-132	207	27	N/A	
	12'	143"	1W * X 370-144	233	29	N/A	
	13'	152-1/4"	1W * X 370-156	248	31	N/A	
	14'	171"	1W * X 370-168	263	35	N/A	
	15'	180-1/4"	1W * X 370-180	279	37	N/A	
16'	189-3/4"	1W * X 370-192	294	39	N/A		

STYLE SELECTION = * X = COLOR SELECTION
 MAJESTIC = M B = BLACK
 CLASSIC = C N = BRONZE
 GENESIS = G
 WARRIOR = W

For additional strength; all gate leaves greater than 6 feet in width will have an intermediate center upright; gusset plates will be welded in all four corners, and the appropriate quantity of turnbuckle and cable kits will be included. Custom gate dimensions are available upon request, but incur a 10% engineering charge based on the nearest larger standard gate leaf.

Effective: 04/16/13

MONTAGE PLUS® SWING GATES



1-888-333-3422
 FAX: 1-877-926-3747

MONTAGE PLUS

3-Rail (Standard) (3" Air Gap) GENESIS



(NOMINAL) GATE HEIGHT	(NOMINAL) GATE OPENING	(ACTUAL) GATE LEAF WIDTH	ITEM NUMBER	GATE WEIGHT	PICKET QTY	STOCKING STYLE/COLOR
3' H	3-1/2'	40"	1R ₋ X 334-42	33	9	N/A
	4'	49-1/2"	1R ₋ X 334-48	35	12	N/A
	5'	58-3/4"	1R ₋ X 334-60	46	14	N/A
	6'	68"	1R ₋ X 334-72	53	17	N/A
	7'	86-3/4"	1R ₋ X 334-84	62	22	N/A
	8'	95-1/2"	1R ₋ X 334-96	69	24	N/A
3-1/2' H	3-1/2'	40"	1R ₋ X 340-42	37	9	N/A
	4'	49-1/2"	1R ₋ X 340-48	39	12	N/A
	5'	58-3/4"	1R ₋ X 340-60	51	14	N/A
	6'	68"	1R ₋ X 340-72	59	17	N/A
	7'	86-3/4"	1R ₋ X 340-84	69	22	N/A
	8'	95-1/2"	1R ₋ X 340-96	77	24	N/A
4' H	3-1/2'	40"	1R ₋ X 346-42	43	9	N/A
	4'	49-1/2"	1R ₋ X 346-48	47	12	N/A
	5'	58-3/4"	1R ₋ X 346-60	58	14	N/A
	6'	68"	1R ₋ X 346-72	67	17	N/A
	7'	86-3/4"	1R ₋ X 346-84	76	22	N/A
	8'	95-1/2"	1R ₋ X 346-96	88	24	N/A
5' H	3-1/2'	40"	1R ₋ X 358-42	51	9	N/A
	4'	49-1/2"	1R ₋ X 358-48	55	12	N/A
	5'	58-3/4"	1R ₋ X 358-60	69	14	N/A
	6'	68"	1R ₋ X 358-72	80	17	N/A
	7'	86-3/4"	1R ₋ X 358-84	90	22	N/A
	8'	95-1/2"	1R ₋ X 358-96	105	24	N/A
6' H	3-1/2'	40"	1R ₋ X 370-42	60	9	N/A
	4'	49-1/2"	1R ₋ X 370-48	64	12	N/A
	5'	58-3/4"	1R ₋ X 370-60	80	14	N/A
	6'	68"	1R ₋ X 370-72	93	17	N/A
	7'	86-3/4"	1R ₋ X 370-84	104	22	N/A
	8'	95-1/2"	1R ₋ X 370-96	118	24	N/A

STYLE SELECTION = ₋ X = COLOR SELECTION
 MAJESTIC = M B = BLACK
 CLASSIC = C N = BRONZE
 GENESIS = G
 WARRIOR = N/A IN 3" AIR GAP

For additional strength; all gate leaves greater than 6 feet in width will have an intermediate center upright, gusset plates will be welded in all four corners, and the appropriate quantity of turnbuckle and cable kits will be included. Custom gate dimensions are available upon request, but incur a 10% engineering charge based on the nearest larger standard gate leaf.

Effective: 04/16/13

MONTAGE PLUS® SWING GATES



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	CLASSIC	GENESIS	3-Rail (Flush Bottom) (4" Air Gap)	MAJESTIC	WARRIOR	
(NOMINAL) GATE HEIGHT	(NOMINAL) GATE OPENING	(ACTUAL) GATE LEAF WIDTH	ITEM NUMBER	GATE WEIGHT	PICKET QTY	STOCKING STYLE/COLOR
3' H	3-1/2'	40"	1W * X 334F-42	60	7	N/A
	4'	49-1/2"	1W * X 334F-48	36	9	N/A
	5'	58-3/4"	1W * X 334F-60	41	11	N/A
	6'	68"	1W * X 334F-72	47	13	N/A
	7'	86-3/4"	1W * X 334F-84	57	17	N/A
	8'	95-1/2"	1W * X 334F-96	62	19	N/A
	9'	105-1/2"	1W * X 334F-108	100	21	N/A
	10'	114-3/4"	1W * X 334F-120	123	23	N/A
	11'	133-1/2"	1W * X 334F-132	138	27	N/A
	12'	143"	1W * X 334F-144	153	29	N/A
	13'	152-1/4"	1W * X 334F-156	164	31	N/A
	14'	171"	1W * X 334F-168	176	35	N/A
15'	180-1/4"	1W * X 334F-180	189	37	N/A	
16'	189-3/4"	1W * X 334F-192	202	39	N/A	
3-1/2' H	3-1/2'	40"	1W * X 340F-42	34	7	N/A
	4'	49-1/2"	1W * X 340F-48	40	9	N/A
	5'	58-3/4"	1W * X 340F-60	46	11	N/A
	6'	68"	1W * X 340F-72	47	13	N/A
	7'	86-3/4"	1W * X 340F-84	62	17	N/A
	8'	95-1/2"	1W * X 340F-96	68	19	N/A
	9'	105-1/2"	1W * X 340F-108	115	21	N/A
	10'	114-3/4"	1W * X 340F-120	133	23	N/A
	11'	133-1/2"	1W * X 340F-132	150	27	N/A
	12'	143"	1W * X 340F-144	167	29	N/A
	13'	152-1/4"	1W * X 340F-156	179	31	N/A
	14'	171"	1W * X 340F-168	191	35	N/A
15'	180-1/4"	1W * X 340F-180	204	37	N/A	
16'	189-3/4"	1W * X 340F-192	217	39	N/A	
4' H	3-1/2'	40"	1W * X 346F-42	41	7	N/A
	4'	49-1/2"	1W * X 346F-48	44	9	N/A
	5'	58-3/4"	1W * X 346F-60	54	11	N/A
	6'	68"	1W * X 346F-72	63	13	N/A
	7'	86-3/4"	1W * X 346F-84	70	17	N/A
	8'	95-1/2"	1W * X 346F-96	82	19	N/A
	9'	105-1/2"	1W * X 346F-108	130	21	N/A
	10'	114-3/4"	1W * X 346F-120	143	23	N/A
	11'	133-1/2"	1W * X 346F-132	162	27	N/A
	12'	143"	1W * X 346F-144	181	29	N/A
	13'	152-1/4"	1W * X 346F-156	194	31	N/A
	14'	171"	1W * X 346F-168	206	35	N/A
15'	180-1/4"	1W * X 346F-180	219	37	N/A	
16'	189-3/4"	1W * X 346F-192	232	39	N/A	

STYLE SELECTION = * X = COLOR SELECTION

MAJESTIC = M B = BLACK
 CLASSIC = C N = BRONZE
 GENESIS = G
 WARRIOR = W

For additional strength; all gate leaves greater than 6 feet in width will have an intermediate center upright, gusset plates will be welded in all four corners, and the appropriate quantity of turnbuckle and cable kits will be included. Custom gate dimensions are available upon request, but incur a 10% engineering charge based on the nearest larger standard gate leaf.

Effective: 04/16/13

MONTAGE PLUS® SWING GATES



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MONTAGE PLUS

		CLASSIC	GENESIS	3-Rail (Flush Bottom) (4" Air Gap)		MAJESTIC	WARRIOR	
(NOMINAL) GATE HEIGHT	(NOMINAL) GATE OPENING	(ACTUAL) GATE LEAF WIDTH	ITEM NUMBER		GATE WEIGHT	PICKET QTY	STOCKING STYLE/COLOR	
4-1/2' H (ONLY AVAILABLE IN MAJESTIC)	3-1/2'	40"	1W	M X	354F-42	47	7	N/A
	4'	49-1/2"	1W	M X	354F-48	51	9	N/A
	5'	58-3/4"	1W	M X	354F-60	62	11	N/A
	6'	68"	1W	M X	354F-72	72	13	N/A
	7'	86-3/4"	1W	M X	354F-84	80	17	N/A
	8'	95-1/2"	1W	M X	354F-96	95	19	N/A
	9'	105-1/2"	1W	M X	354F-108	147	21	N/A
	10'	114-3/4"	1W	M X	354F-120	155	23	N/A
	11'	133-1/2"	1W	M X	354F-132	176	27	N/A
	12'	143"	1W	M X	354F-144	197	29	N/A
	13'	152-1/4"	1W	M X	354F-156	210	31	N/A
	14'	171"	1W	M X	354F-168	223	35	N/A
15'	180-1/4"	1W	M X	354F-180	236	37	N/A	
16'	189-3/4"	1W	M X	354F-192	249	39	N/A	
5' H	3-1/2'	40"	1W	* X	358F-42	49	7	N/A
	4'	49-1/2"	1W	* X	358F-48	53	9	N/A
	5'	58-3/4"	1W	* X	358F-60	64	11	N/A
	6'	68"	1W	* X	358F-72	74	13	N/A
	7'	86-3/4"	1W	* X	358F-84	82	17	N/A
	8'	95-1/2"	1W	* X	358F-96	97	19	N/A
	9'	105-1/2"	1W	* X	358F-108	159	21	N/A
	10'	114-3/4"	1W	* X	358F-120	162	23	N/A
	11'	133-1/2"	1W	* X	358F-132	185	27	N/A
	12'	143"	1W	* X	358F-144	208	29	N/A
	13'	152-1/4"	1W	* X	358F-156	222	31	N/A
	14'	171"	1W	* X	358F-168	235	35	N/A
15'	180-1/4"	1W	* X	358F-180	249	37	N/A	
16'	189-3/4"	1W	* X	358F-192	262	39	N/A	
6' H	3-1/2'	40"	1W	* X	370F-42	57	7	N/A
	4'	49-1/2"	1W	* X	370F-48	62	9	N/A
	5'	58-3/4"	1W	* X	370F-60	74	11	N/A
	6'	68"	1W	* X	370F-72	87	13	N/A
	7'	86-3/4"	1W	* X	370F-84	95	17	N/A
	8'	95-1/2"	1W	* X	370F-96	112	19	N/A
	9'	105-1/2"	1W	* X	370F-108	161	21	N/A
	10'	114-3/4"	1W	* X	370F-120	181	23	N/A
	11'	133-1/2"	1W	* X	370F-132	207	27	N/A
	12'	143"	1W	* X	370F-144	233	29	N/A
	13'	152-1/4"	1W	* X	370F-156	248	31	N/A
	14'	171"	1W	* X	370F-168	263	35	N/A
15'	180-1/4"	1W	* X	370F-180	279	37	N/A	
16'	189-3/4"	1W	* X	370F-192	294	39	N/A	

STYLE SELECTION = * X = COLOR SELECTION
 MAJESTIC = M B = BLACK
 CLASSIC = C N = BRONZE
 GENESIS = G
 WARRIOR = W

For additional strength: all gate leaves greater than 6 feet in width will have an intermediate center upright, gusset plates will be welded in all four corners, and the appropriate quantity of turnbuckle and cable kits will be included. Custom gate dimensions are available upon request, but incur a 10% engineering charge based on the nearest larger standard gate leaf.

Effective: 04/16/13

**MONTAGE PLUS®
SWING GATES**



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FAX: 1-877-926-3747

MONTAGE PLUS

**3-Rail (Flush Bottom)
(3" Air Gap)**



(NOMINAL) GATE HEIGHT	(NOMINAL) GATE OPENING	(ACTUAL) GATE LEAF WIDTH	ITEM NUMBER	GATE WEIGHT	PICKET QTY	STOCKING STYLE/COLOR
3' H	3-1/2'	40"	1R $\frac{C}{X}$ 334F-42	33	9	N/A
	4'	49-1/2"	1R $\frac{C}{X}$ 334F-48	35	12	N/A
	5'	58-3/4"	1R $\frac{C}{X}$ 334F-60	46	14	N/A
	6'	68"	1R $\frac{C}{X}$ 334F-72	53	17	N/A
	7'	86-3/4"	1R $\frac{C}{X}$ 334F-84	62	22	N/A
	8'	95-1/2"	1R $\frac{C}{X}$ 334F-96	69	24	N/A
3-1/2' H	3-1/2'	40"	1R $\frac{C}{X}$ 340F-42	37	9	N/A
	4'	49-1/2"	1R $\frac{C}{X}$ 340F-48	39	12	N/A
	5'	58-3/4"	1R $\frac{C}{X}$ 340F-60	51	14	N/A
	6'	68"	1R $\frac{C}{X}$ 340F-72	59	17	N/A
	7'	86-3/4"	1R $\frac{C}{X}$ 340F-84	69	22	N/A
	8'	95-1/2"	1R $\frac{C}{X}$ 340F-96	77	24	N/A
4' H	3-1/2'	40"	1R $\frac{C}{X}$ 346F-42	43	9	N/A
	4'	49-1/2"	1R $\frac{C}{X}$ 346F-48	47	12	N/A
	5'	58-3/4"	1R $\frac{C}{X}$ 346F-60	58	14	N/A
	6'	68"	1R $\frac{C}{X}$ 346F-72	67	17	N/A
	7'	86-3/4"	1R $\frac{C}{X}$ 346F-84	76	22	N/A
	8'	95-1/2"	1R $\frac{C}{X}$ 346F-96	88	24	N/A
4-1/2' H (ONLY AVAILABLE IN MAJESTIC)	3-1/2'	40"	1R M $\frac{C}{X}$ 354F-42	49	9	N/A
	4'	49-1/2"	1R M $\frac{C}{X}$ 354F-48	53	12	N/A
	5'	58-3/4"	1R M $\frac{C}{X}$ 354F-60	67	14	N/A
	6'	68"	1R M $\frac{C}{X}$ 354F-72	78	17	N/A
	7'	86-3/4"	1R M $\frac{C}{X}$ 354F-84	88	22	N/A
	8'	95-1/2"	1R M $\frac{C}{X}$ 354F-96	103	24	N/A
5' H	3-1/2'	40"	1R $\frac{C}{X}$ 358F-42	51	9	N/A
	4'	49-1/2"	1R $\frac{C}{X}$ 358F-48	55	12	N/A
	5'	58-3/4"	1R $\frac{C}{X}$ 358F-60	69	14	N/A
	6'	68"	1R $\frac{C}{X}$ 358F-72	80	17	N/A
	7'	86-3/4"	1R $\frac{C}{X}$ 358F-84	90	22	N/A
	8'	95-1/2"	1R $\frac{C}{X}$ 358F-96	105	24	N/A
6' H	3-1/2'	40"	1R $\frac{C}{X}$ 370F-42	60	9	N/A
	4'	49-1/2"	1R $\frac{C}{X}$ 370F-48	64	12	N/A
	5'	58-3/4"	1R $\frac{C}{X}$ 370F-60	80	14	N/A
	6'	68"	1R $\frac{C}{X}$ 370F-72	93	17	N/A
	7'	86-3/4"	1R $\frac{C}{X}$ 370F-84	104	22	N/A
	8'	95-1/2"	1R $\frac{C}{X}$ 370F-96	118	24	N/A

STYLE SELECTION = $\frac{C}{X}$ = COLOR SELECTION

MAJESTIC = $\frac{M}{B}$ = BLACK
 CLASSIC = $\frac{C}{N}$ = BRONZE
 GENESIS = $\frac{G}{G}$
 WARRIOR = N/A IN 3" AIR GAP

For additional strength; all gate leaves greater than 6 feet in width will have an intermediate center upright, gusset plates will be welded in all four corners, and the appropriate quantity of turnbuckle and cable kits will be included. Custom gate dimensions are available upon request, but incur a 10% engineering charge based on the nearest larger standard gate leaf.

Effective: 04/16/13

**MONTAGE PLUS®
 STEEL ARCHED GATES**



1-888-333-3422
 FAX: 1-877-926-3747

GATE SPECIFICATIONS

SINGLE

Construction Components for Nominal Gate
 Openings of 3-1/2' thru 6':

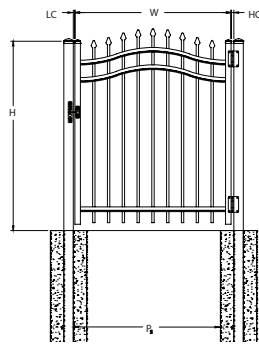
 Gate Ends: 1-3/4" Sq. (14 Ga.) Steel
 Rails: 1-7/16" W x 1-1/2" H (14 Ga.) Steel
 Pickets: 3/4" Sq. (17 Ga.)

DOUBLE

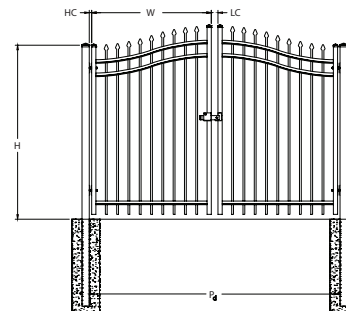
Construction Components for Nominal Gate
 Openings of 7' thru 14':

 Gate Ends: 1-3/4" Sq. (14 Ga.) Steel
 Rails: 1-7/16" W x 1-1/2" H (14 Ga.) Steel
 Pickets: 3/4" Sq. (17 Ga.)
 (With gusset plates and cable kit)

GATE DRAWING DIMENSIONAL FORMAT



Order 1 Leaf For Single Swing Opening



Order 2 Leaves For Double Swing Opening

W = Outside To Outside Width of Finished Gate Leaf

H = Height; HC = Hinge Clearance; LC = Latch Clearance;

P_s = Gate Post Spacing (Inside-To-Inside) for Single Gate; P_d = Gate Post Spacing (Inside-To-Inside) for Double Gate

See Montage Plus Specification for Montage Plus Gate Post Recommendation

HARDWARE KITS & POST INTERSPACES FOR MONTAGE PLUS SINGLE SWING STEEL ARCHED GATES					
NOMINAL GATE OPENING	3-1/2'	4'	5'	6'	
W = LEAF WIDTH	40"	49-1/2"	58-3/4"	68"	
FORK LATCH/BOX HINGE KITS #SGBSX25 OR #SGBSX3	HC	2"			
	LC	2"			
	P _s	44"	53-1/2"	62-3/4"	72"
AMERISTAR LOCK/BOX HINGE KIT #SGBSXA	HC	2"			
	LC	5/8"			
	P _s	42-5/8"	52-1/8"	61-3/8"	70-5/8"
LOKKLATCH WITH TRU-CLOSE HINGE KIT #TCSGK	HC	3/4"			
	LC	3/4"			
	P _s	41-1/2"	51"	60-1/4"	69-1/2"
TOP PULL LATCH WITH TRU-CLOSE HINGE KIT #TCPGK	HC	3/4"			
	LC	3/4"			
	P _s	41-1/2"	51"	60-1/4"	69-1/2"
COMMERCIAL HINGE WITH STRONGARM KIT #CGBS-25, #CGBS-3 OR #CGBS-4	HC	1"			
	LC	3"			
	P _s	44"	53-1/2"	62-3/4"	72"
HEAVY COMMERCIAL HINGE KIT #HGBS-25, #HGBS-3 OR #HGBS-4	HC	1-1/4"			
	LC	3"			
	P _s	44-1/4"	53-3/4"	63"	72-1/4"
P _s (Gate Post Spacing (Inside-To-Inside) for Single Gate = HC (Hinge Clearance) + W (Out-To-Out Gate Width) + LC (Latch Clearance))					

HARDWARE KITS & POST INTERSPACES FOR MONTAGE PLUS DOUBLE SWING STEEL ARCHED GATES					
NOMINAL GATE OPENING	7'	8'	10'	12'	14'
W = LEAF WIDTH	40"	49-1/2"	58-3/4"	68"	86-3/4"
FORK LATCH / BOX HINGE KIT #SGBDX	HC	2"			
	LC	2"			
	P _s	86"	105"	123-1/2"	142"
COMMERCIAL HINGE WITH STRONG ARM KIT #CGBD	HC	1"			
	LC	2"			
	P _s	84"	103"	121-1/2"	140"
HEAVY COMMERCIAL HINGE KIT #HGBD	HC	1-1/4"			
	LC	2"			
	P _s	84-1/2"	103-1/2"	122"	140-1/2"
P _d (Gate Post Spacing (Inside-To-Inside) for Double Gate = 2 x HC (Hinge Clearance) + 2 x W (Out-To-Out Gate Width) + LC (Latch Clearance))					




Warning: Steel Arched Gates with extended picket bottom exposure are not to be automated. This would cause a safety hazard and violate safety regulations.

Effective: 04/16/13

MONTAGE PLUS®
STEEL ARCHED GATES



1-888-333-3422
FAX: 1-877-926-3747

2-Rail (4" Air Gap)						
		CLASSIC	MAJESTIC			
						
						
(NOMINAL) GATE HEIGHT	(NOMINAL) GATE OPENING	(ACTUAL) GATE LEAF WIDTH	ITEM NUMBER	GATE WEIGHT	PICKET QTY	STOCKING STYLE/COLOR
3' H	3-1/2'	40"	1W * X 234-42A	29	7	N/A
	4'	49-1/2"	1W * X 234-48A	35	9	N/A
	5'	58-3/4"	1W * X 234-60A	39	11	N/A
	6'	68"	1W * X 234-72A	44	13	N/A
3-1/2' H	3-1/2'	40"	1W * X 240-42A	32	7	N/A
	4'	49-1/2"	1W * X 240-48A	39	9	N/A
	5'	58-3/4"	1W * X 240-60A	44	11	N/A
	6'	68"	1W * X 240-72A	50	13	N/A
4' H	3-1/2'	40"	1W * X 246-42A	40	7	N/A
	4'	49-1/2"	1W * X 246-48A	43	9	N/A
	5'	58-3/4"	1W * X 246-60A	53	11	N/A
	6'	68"	1W * X 246-72A	62	13	N/A
5' H	3-1/2'	40"	1W * X 258-42A	50	7	N/A
	4'	49-1/2"	1W * X 258-48A	53	9	N/A
	5'	58-3/4"	1W * X 258-60A	64	11	N/A
	6'	68"	1W * X 258-72A	75	13	N/A
6' H	3-1/2'	40"	1W * X 270-42A	58	7	N/A
	4'	49-1/2"	1W * X 270-48A	63	9	N/A
	5'	58-3/4"	1W * X 270-60A	75	11	N/A
	6'	68"	1W * X 270-72A	86	13	N/A

STYLE SELECTION = * X = COLOR SELECTION
 MAJESTIC = M B = BLACK
 CLASSIC = C N = BRONZE
 GENESIS = G

Warning: Steel Arched Gates with extended picket bottom exposure are not to be automated. This would cause a safety hazard and violate safety regulations.

Effective: 04/16/13

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STEEL ARCHED GATES



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MONTAGE PLUS

2-Rail Flush Bottom (4" Air Gap)



(NOMINAL) GATE HEIGHT	(NOMINAL) GATE OPENING	(ACTUAL) GATE LEAF WIDTH	ITEM NUMBER	GATE WEIGHT	PICKET QTY	STOCKING STYLE/COLOR
3' H	3-1/2'	40"	1W * X 234F-42A	29	7	N/A
	4'	49-1/2"	1W * X 234F-48A	35	9	N/A
	5'	58-3/4"	1W * X 234F-60A	39	11	N/A
	6'	68"	1W * X 234F-72A	44	13	N/A
3-1/2' H	3-1/2'	40"	1W * X 240F-42A	32	7	N/A
	4'	49-1/2"	1W * X 240F-48A	39	9	N/A
	5'	58-3/4"	1W * X 240F-60A	44	11	N/A
	6'	68"	1W * X 240F-72A	50	13	N/A
4' H	3-1/2'	40"	1W * X 246F-42A	40	7	N/A
	4'	49-1/2"	1W * X 246F-48A	43	9	N/A
	5'	58-3/4"	1W * X 246F-60A	53	11	N/A
	6'	68"	1W * X 246F-72A	62	13	N/A
5' H	3-1/2'	40"	1W * X 258F-42A	50	7	N/A
	4'	49-1/2"	1W * X 258F-48A	53	9	N/A
	5'	58-3/4"	1W * X 258F-60A	64	11	N/A
	6'	68"	1W * X 258F-72A	75	13	N/A
6' H	3-1/2'	40"	1W * X 270F-42A	58	7	N/A
	4'	49-1/2"	1W * X 270F-48A	63	9	N/A
	5'	58-3/4"	1W * X 270F-60A	75	11	N/A
	6'	68"	1W * X 270F-72A	86	13	N/A

STYLE SELECTION = * X = COLOR SELECTION
 MAJESTIC = M B = BLACK
 CLASSIC = C N = BRONZE
 GENESIS = G

Effective: 04/16/13

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3-Rail (4" Air Gap)						
		CLASSIC	MAJESTIC	GENESIS		
(NOMINAL) GATE HEIGHT	(NOMINAL) GATE OPENING	(ACTUAL) GATE LEAF WIDTH	ITEM NUMBER	GATE WEIGHT	PICKET QTY	STOCKING STYLE/COLOR
3' H	3-1/2'	40"	1W * X 334-42A	32	7	N/A
	4'	49-1/2"	1W * X 334-48A	39	9	N/A
	5'	58-3/4"	1W * X 334-60A	44	11	N/A
	6'	68"	1W * X 334-72A	51	13	N/A
3-1/2' H	3-1/2'	40"	1W * X 340-42A	37	7	N/A
	4'	49-1/2"	1W * X 340-48A	43	9	N/A
	5'	58-3/4"	1W * X 340-60A	50	11	N/A
	6'	68"	1W * X 340-72A	51	13	N/A
4' H	3-1/2'	40"	1W * X 346-42A	44	7	N/A
	4'	49-1/2"	1W * X 346-48A	48	9	N/A
	5'	58-3/4"	1W * X 346-60A	58	11	N/A
	6'	68"	1W * X 346-72A	68	13	N/A
5' H	3-1/2'	40"	1W * X 358-42A	53	7	N/A
	4'	49-1/2"	1W * X 358-48A	57	9	N/A
	5'	58-3/4"	1W * X 358-60A	69	11	N/A
	6'	68"	1W * X 358-72A	80	13	N/A
6' H	3-1/2'	40"	1W * X 370-42A	62	7	N/A
	4'	49-1/2"	1W * X 370-48A	67	9	N/A
	5'	58-3/4"	1W * X 370-60A	80	11	N/A
	6'	68"	1W * X 370-72A	94	13	N/A

STYLE SELECTION = * X = COLOR SELECTION
 MAJESTIC = M B = BLACK
 CLASSIC = C N = BRONZE
 GENESIS = G

Warning: Steel Arched Gates with extended picket bottom exposure are not to be automated. This would cause a safety hazard and violate safety regulations.

Effective: 04/16/13

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STEEL ARCHED GATES



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3-Rail Flush Bottom(4" Air Gap)



(NOMINAL) GATE HEIGHT	(NOMINAL) GATE OPENING	(ACTUAL) GATE LEAF WIDTH	ITEM NUMBER	GATE WEIGHT	PICKET QTY	STOCKING STYLE/COLOR
3' H	3-1/2'	40"	1W * X 334F-42A	65	7	N/A
	4'	49-1/2"	1W * X 334F-48A	39	9	N/A
	5'	58-3/4"	1W * X 334F-60A	44	11	N/A
	6'	68"	1W * X 334F-72A	51	13	N/A
3-1/2' H	3-1/2'	40"	1W * X 340F-42A	37	7	N/A
	4'	49-1/2"	1W * X 340F-48A	43	9	N/A
	5'	58-3/4"	1W * X 340F-60A	50	11	N/A
	6'	68"	1W * X 340F-72A	51	13	N/A
4' H	3-1/2'	40"	1W * X 346F-42A	44	7	N/A
	4'	49-1/2"	1W * X 346F-48A	48	9	N/A
	5'	58-3/4"	1W * X 346F-60A	58	11	N/A
	6'	68"	1W * X 346F-72A	68	13	N/A
4-1/2' H (ONLY AVAILABLE IN MAJESTIC)	3-1/2'	40"	1W M X 354F-42A	51	7	N/A
	4'	49-1/2"	1W M X 354F-48A	58	9	N/A
	5'	58-3/4"	1W M X 354F-60A	67	11	N/A
	6'	68"	1W M X 354F-72A	78	13	N/A
5' H	3-1/2'	40"	1W * X 358F-42A	53	7	N/A
	4'	49-1/2"	1W * X 358F-48A	57	9	N/A
	5'	58-3/4"	1W * X 358F-60A	69	11	N/A
	6'	68"	1W * X 358F-72A	80	13	N/A
6' H	3-1/2'	40"	1W * X 370F-42A	62	7	N/A
	4'	49-1/2"	1W * X 370F-48A	67	9	N/A
	5'	58-3/4"	1W * X 370F-60A	80	11	N/A
	6'	68"	1W * X 370F-72A	94	13	N/A

STYLE SELECTION = * X = COLOR SELECTION
 MAJESTIC = M B = BLACK
 CLASSIC = C N = BRONZE
 GENESIS = G

Effective: 04/16/13

MONTAGE PLUS® STEEL ARCHED GATES



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All Double Swing Gates include two (2) Gate Leafs

CLASSIC



2-Rail (4" Air Gap)
MAJESTIC



GENESIS



(NOMINAL) GATE HEIGHT	(NOMINAL) GATE OPENING	(ACTUAL) GATE LEAF WIDTH	ITEM NUMBER	GATE WEIGHT PER LEAF	PICKET QTY	STOCKING STYLE/COLOR
3' H	7'	40"	1W <u> </u> <u> </u> X 234-84HD	58	14	N/A
	8'	49-1/2"	1W <u> </u> <u> </u> X 234-96HD	68	18	N/A
	10'	58-3/4"	1W <u> </u> <u> </u> X 234-120HD	76	22	N/A
	12'	68"	1W <u> </u> <u> </u> X 234-144HD	86	26	N/A
	14'	86-3/4"	1W <u> </u> <u> </u> X 234-168HD	102	34	N/A
3-1/2' H	7'	40"	1W <u> </u> <u> </u> X 240-84HD	64	14	N/A
	8'	49-1/2"	1W <u> </u> <u> </u> X 240-96HD	76	18	N/A
	10'	58-3/4"	1W <u> </u> <u> </u> X 240-120HD	86	22	N/A
	12'	68"	1W <u> </u> <u> </u> X 240-144HD	96	26	N/A
	14'	86-3/4"	1W <u> </u> <u> </u> X 240-168HD	112	34	N/A
4' H	7'	40"	1W <u> </u> <u> </u> X 246-84HD	78	14	N/A
	8'	49-1/2"	1W <u> </u> <u> </u> X 246-96HD	84	18	N/A
	10'	58-3/4"	1W <u> </u> <u> </u> X 246-120HD	102	22	N/A
	12'	68"	1W <u> </u> <u> </u> X 246-144HD	118	26	N/A
	14'	86-3/4"	1W <u> </u> <u> </u> X 246-168HD	130	34	N/A
5' H	7'	40"	1W <u> </u> <u> </u> X 258-84HD	98	14	N/A
	8'	49-1/2"	1W <u> </u> <u> </u> X 258-96HD	104	18	N/A
	10'	58-3/4"	1W <u> </u> <u> </u> X 258-120HD	122	22	N/A
	12'	68"	1W <u> </u> <u> </u> X 258-144HD	142	26	N/A
	14'	86-3/4"	1W <u> </u> <u> </u> X 258-168HD	154	34	N/A
6' H	7'	40"	1W <u> </u> <u> </u> X 270-84HD	114	14	N/A
	8'	49-1/2"	1W <u> </u> <u> </u> X 270-96HD	122	18	N/A
	10'	58-3/4"	1W <u> </u> <u> </u> X 270-120HD	142	22	N/A
	12'	68"	1W <u> </u> <u> </u> X 270-144HD	164	26	N/A
	14'	86-3/4"	1W <u> </u> <u> </u> X 270-168HD	180	34	N/A

STYLE SELECTION = X = COLOR SELECTION
 MAJESTIC = **M** **B** = BLACK
 CLASSIC = **C** **N** = BRONZE
 GENESIS = **G**

Warning: Steel Arched Gates with extended picket bottom exposure are not to be automated. This would cause a safety hazard and violate safety regulations.

Effective: 04/16/13

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STEEL ARCHED GATES



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All Double Swing Gates include two (2) Gate Leafs						
2-Rail Flush Bottom (4" Air Gap)						
CLASSIC		MAJESTIC		GENESIS		
(NOMINAL) GATE HEIGHT	(NOMINAL) GATE OPENING	(ACTUAL) GATE LEAF WIDTH	ITEM NUMBER	GATE WEIGHT PER LEAF	PICKET QTY	STOCKING STYLE/COLOR
3' H	7'	40"	1W $\frac{*}{-}$ $\frac{X}{-}$ 234F-84HD	58	14	N/A
	8'	49-1/2"	1W $\frac{*}{-}$ $\frac{X}{-}$ 234F-96HD	68	18	N/A
	10'	58-3/4"	1W $\frac{*}{-}$ $\frac{X}{-}$ 234F-120HD	76	22	N/A
	12'	68"	1W $\frac{*}{-}$ $\frac{X}{-}$ 234F-144HD	86	26	N/A
	14'	86-3/4"	1W $\frac{*}{-}$ $\frac{X}{-}$ 234F-168HD	102	34	N/A
3-1/2' H	7'	40"	1W $\frac{*}{-}$ $\frac{X}{-}$ 240F-84HD	64	14	N/A
	8'	49-1/2"	1W $\frac{*}{-}$ $\frac{X}{-}$ 240F-96HD	76	18	N/A
	10'	58-3/4"	1W $\frac{*}{-}$ $\frac{X}{-}$ 240F-120HD	86	22	N/A
	12'	68"	1W $\frac{*}{-}$ $\frac{X}{-}$ 240F-144HD	96	26	N/A
	14'	86-3/4"	1W $\frac{*}{-}$ $\frac{X}{-}$ 240F-168HD	112	34	N/A
4' H	7'	40"	1W $\frac{*}{-}$ $\frac{X}{-}$ 246F-84HD	74	14	N/A
	8'	49-1/2"	1W $\frac{*}{-}$ $\frac{X}{-}$ 246F-96HD	84	18	N/A
	10'	58-3/4"	1W $\frac{*}{-}$ $\frac{X}{-}$ 246F-120HD	102	22	N/A
	12'	68"	1W $\frac{*}{-}$ $\frac{X}{-}$ 246F-144HD	118	26	N/A
	14'	86-3/4"	1W $\frac{*}{-}$ $\frac{X}{-}$ 246F-168HD	130	34	N/A
5' H	7'	40"	1W $\frac{*}{-}$ $\frac{X}{-}$ 258F-84HD	98	14	N/A
	8'	49-1/2"	1W $\frac{*}{-}$ $\frac{X}{-}$ 258F-96HD	104	18	N/A
	10'	58-3/4"	1W $\frac{*}{-}$ $\frac{X}{-}$ 258F-120HD	122	22	N/A
	12'	68"	1W $\frac{*}{-}$ $\frac{X}{-}$ 258F-144HD	142	26	N/A
	14'	86-3/4"	1W $\frac{*}{-}$ $\frac{X}{-}$ 258F-168HD	154	34	N/A
6' H	7'	40"	1W $\frac{*}{-}$ $\frac{X}{-}$ 270F-84HD	114	14	N/A
	8'	49-1/2"	1W $\frac{*}{-}$ $\frac{X}{-}$ 270F-96HD	122	18	N/A
	10'	58-3/4"	1W $\frac{*}{-}$ $\frac{X}{-}$ 270F-120HD	142	22	N/A
	12'	68"	1W $\frac{*}{-}$ $\frac{X}{-}$ 270F-144HD	164	26	N/A
	14'	86-3/4"	1W $\frac{*}{-}$ $\frac{X}{-}$ 270F-168HD	180	34	N/A

STYLE SELECTION = * X = COLOR SELECTION
 MAJESTIC = M B = BLACK
 CLASSIC = C N = BRONZE
 GENESIS = G

Effective: 04/16/13

MONTAGE PLUS® STEEL ARCHED GATES



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All Double Swing Gates include two (2) Gate Leafs

CLASSIC



3-Rail (4" Air Gap)
MAJESTIC



GENESIS



(NOMINAL) GATE HEIGHT	(NOMINAL) GATE OPENING	(ACTUAL) GATE LEAF WIDTH	ITEM NUMBER	GATE WEIGHT PER LEAF	PICKET QTY	STOCKING STYLE/COLOR
3' H	7'	40"	1W * X 334-84HD	64	14	N/A
	8'	49-1/2"	1W * X 334-96HD	76	18	N/A
	10'	58-3/4"	1W * X 334-120HD	86	22	N/A
	12'	68"	1W * X 334-144HD	98	26	N/A
	14'	86-3/4"	1W * X 334-168HD	118	34	N/A
3-1/2' H	7'	40"	1W * X 340-84HD	72	14	N/A
	8'	49-1/2"	1W * X 340-96HD	84	18	N/A
	10'	58-3/4"	1W * X 340-120HD	96	22	N/A
	12'	68"	1W * X 340-144HD	108	26	N/A
	14'	86-3/4"	1W * X 340-168HD	128	34	N/A
4' H	7'	40"	1W * X 346-84HD	86	14	N/A
	8'	49-1/2"	1W * X 346-96HD	92	18	N/A
	10'	58-3/4"	1W * X 346-120HD	112	22	N/A
	12'	68"	1W * X 346-144HD	130	26	N/A
	14'	86-3/4"	1W * X 346-168HD	144	34	N/A
5' H	7'	40"	1W * X 358-84HD	104	14	N/A
	8'	49-1/2"	1W * X 358-96HD	112	18	N/A
	10'	58-3/4"	1W * X 358-120HD	132	22	N/A
	12'	68"	1W * X 358-144HD	152	26	N/A
	14'	86-3/4"	1W * X 358-168HD	168	34	N/A
6' H	7'	40"	1W * X 370-84HD	120	14	N/A
	8'	49-1/2"	1W * X 370-96HD	130	18	N/A
	10'	58-3/4"	1W * X 370-120HD	152	22	N/A
	12'	68"	1W * X 370-144HD	178	26	N/A
	14'	86-3/4"	1W * X 370-168HD	194	34	N/A

STYLE SELECTION = * X = COLOR SELECTION
 MAJESTIC = M B = BLACK
 CLASSIC = C N = BRONZE
 GENESIS = G

Warning: Steel Arched Gates with extended picket bottom exposure are not to be automated. This would cause a safety hazard and violate safety regulations.

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STEEL ARCHED GATES



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All Double Swing Gates include two (2) Gate Leafs						
3-Rail Flush Bottom (4" Air Gap)						
(NOMINAL) GATE HEIGHT	(NOMINAL) GATE OPENING	(ACTUAL) GATE LEAF WIDTH	ITEM NUMBER	GATE WEIGHT PER LEAF	PICKET QTY	STOCKING STYLE/COLOR
3' H	7'	40"	1W $\frac{*}{-}$ $\frac{X}{-}$ 334F-84HD	64	14	N/A
	8'	49-1/2"	1W $\frac{*}{-}$ $\frac{X}{-}$ 334F-96HD	76	18	N/A
	10'	58-3/4"	1W $\frac{*}{-}$ $\frac{X}{-}$ 334F-120HD	86	22	N/A
	12'	68"	1W $\frac{*}{-}$ $\frac{X}{-}$ 334F-144HD	98	26	N/A
	14'	86-3/4"	1W $\frac{*}{-}$ $\frac{X}{-}$ 334F-168HD	118	34	N/A
3-1/2' H	7'	40"	1W $\frac{*}{-}$ $\frac{X}{-}$ 340F-84HD	72	14	N/A
	8'	49-1/2"	1W $\frac{*}{-}$ $\frac{X}{-}$ 340F-96HD	84	18	N/A
	10'	58-3/4"	1W $\frac{*}{-}$ $\frac{X}{-}$ 340F-120HD	96	22	N/A
	12'	68"	1W $\frac{*}{-}$ $\frac{X}{-}$ 340F-144HD	108	26	N/A
	14'	86-3/4"	1W $\frac{*}{-}$ $\frac{X}{-}$ 340F-168HD	128	34	N/A
4' H	7'	40"	1W $\frac{*}{-}$ $\frac{X}{-}$ 346F-84HD	86	14	N/A
	8'	49-1/2"	1W $\frac{*}{-}$ $\frac{X}{-}$ 346F-96HD	92	18	N/A
	10'	58-3/4"	1W $\frac{*}{-}$ $\frac{X}{-}$ 346F-120HD	112	22	N/A
	12'	68"	1W $\frac{*}{-}$ $\frac{X}{-}$ 346F-144HD	130	26	N/A
	14'	86-3/4"	1W $\frac{*}{-}$ $\frac{X}{-}$ 346F-168HD	144	34	N/A
4-1/2' H (ONLY AVAILABLE IN MAJESTIC)	7'	40"	1W M $\frac{*}{-}$ $\frac{X}{-}$ 354F-84HD	98	14	N/A
	8'	49-1/2"	1W M $\frac{*}{-}$ $\frac{X}{-}$ 354F-96HD	106	18	N/A
	10'	58-3/4"	1W M $\frac{*}{-}$ $\frac{X}{-}$ 354F-120HD	130	22	N/A
	12'	68"	1W M $\frac{*}{-}$ $\frac{X}{-}$ 354F-144HD	150	26	N/A
	14'	86-3/4"	1W M $\frac{*}{-}$ $\frac{X}{-}$ 354F-168HD	164	34	N/A
5' H	7'	40"	1W $\frac{*}{-}$ $\frac{X}{-}$ 358F-84HD	104	14	N/A
	8'	49-1/2"	1W $\frac{*}{-}$ $\frac{X}{-}$ 358F-96HD	112	18	N/A
	10'	58-3/4"	1W $\frac{*}{-}$ $\frac{X}{-}$ 358F-120HD	132	22	N/A
	12'	68"	1W $\frac{*}{-}$ $\frac{X}{-}$ 358F-144HD	152	26	N/A
	14'	86-3/4"	1W $\frac{*}{-}$ $\frac{X}{-}$ 358F-168HD	168	34	N/A
6' H	7'	40"	1W $\frac{*}{-}$ $\frac{X}{-}$ 370F-84HD	120	14	N/A
	8'	49-1/2"	1W $\frac{*}{-}$ $\frac{X}{-}$ 370F-96HD	130	18	N/A
	10'	58-3/4"	1W $\frac{*}{-}$ $\frac{X}{-}$ 370F-120HD	152	22	N/A
	12'	68"	1W $\frac{*}{-}$ $\frac{X}{-}$ 370F-144HD	178	26	N/A
	14'	86-3/4"	1W $\frac{*}{-}$ $\frac{X}{-}$ 370F-168HD	194	34	N/A

STYLE SELECTION = $\frac{*}{-}$ $\frac{X}{-}$ = COLOR SELECTION
 MAJESTIC = $\frac{M}{-}$ $\frac{B}{-}$ = BLACK
 CLASSIC = $\frac{C}{-}$ $\frac{N}{-}$ = BRONZE
 GENESIS = $\frac{G}{-}$

Effective: 04/16/13

MONTAGE PLUS® STEEL ESTATE ENTRY GATES



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GATE SPECIFICATIONS

SINGLE

Construction Components for Nominal Gate
Openings of 8' thru 12':

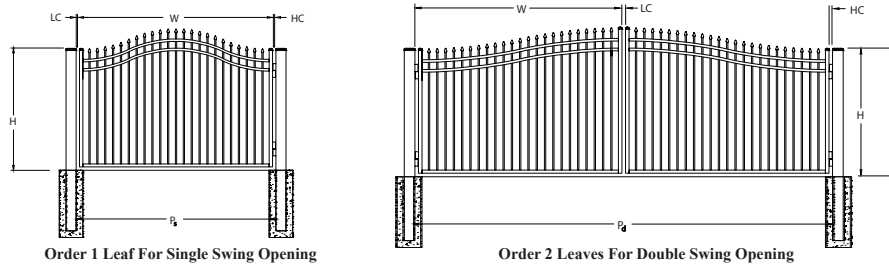
Gate Ends: 2" Square Steel
Rails: 1-7/16" W x 1-1/2" H (14 Ga.) Steel
Pickets: 3/4" Sq. (18 Ga.)
(Pickets fully welded to rail)

DOUBLE

Construction Components for Nominal Gate
Openings of 16' thru 24':

Gate Ends: 2" Square Steel
Rails: 1-7/16" W x 1-1/2" H (14 Ga.) Steel
Pickets: 3/4" Sq. (18 Ga.)
(Pickets fully welded to rail)

GATE DRAWING DIMENSIONAL FORMAT



W = Outside To Outside Width of Finished Gate Leaf
H = Height; HC = Hinge Clearance; LC = Latch Clearance;
P_s = Gate Post Spacing (Inside-To-Inside) for Single Gate; P_d = Gate Post Spacing (Inside-To-Inside) for Double Gate

See Montage Plus Specification for Montage Plus Gate Post Recommendation

HARDWARE KITS & POST INTERSPACES FOR MONTAGE PLUS SINGLE SWING STEEL ESTATE ENTRY GATES				
NOMINAL GATE OPENING	8'	10'	12'	
W = LEAF WIDTH	95-1/2"	114-3/4"	143"	
FORK LATCH/BOX HINGE KITS #SGBSX25 OR #SGBSX3	HC	2"		
	LC	2"		
	P _s	99-1/2"	118-3/4"	147"
AMERISTAR LOCK/BOX HINGE KIT #SGBSXA	HC	2"		
	LC	5/8"		
	P _s	98-1/8"	117-3/8"	145-5/8"
LOKKLATCH WITH TRU-CLOSE HINGE KIT #TCSGK	HC	3/4"		
	LC	3/4"		
	P _s	97"	116-1/4"	144-1/2"
TOP PULL LATCH WITH TRU-CLOSE HINGE KIT #TCPGK	HC	3/4"		
	LC	3/4"		
	P _s	97"	116-1/4"	144-1/2"
COMMERCIAL HINGE WITH STRONGARM KIT #CGBS-25, #CGBS-3 OR #CGBS-4	HC	1"		
	LC	3"		
	P _s	99-1/2"	118-3/4"	147"
HEAVY COMMERCIAL HINGE KIT #HGBS-25, #HGBS-3 OR #HGBS-4	HC	1-1/4"		
	LC	3"		
	P _s	99-3/4"	119"	147-1/4"
P _s (Gate Post Spacing (Inside-To-Inside) for Single Gate = HC (Hinge Clearance) + W (Out-To-Out Gate Width) + LC (Latch Clearance))				

HARDWARE KITS & POST INTERSPACES FOR MONTAGE PLUS DOUBLE SWING STEEL ESTATE ENTRY GATES						
NOMINAL GATE OPENING	16'	18'	20'	22'	24'	
W = LEAF WIDTH	95-1/2"	105-1/2"	114-3/4"	133-1/2"	143"	
FORK LATCH / BOX HINGE KIT #SGBDX	HC	2"				
	LC	2"				
	P _s	197"	217"	235-1/2"	273"	292"
COMMERCIAL HINGE WITH STRONG ARM KIT #CGBD	HC	1"				
	LC	2"				
	P _s	195"	215"	233-1/2"	271"	290"
HEAVY COMMERCIAL HINGE KIT #HGBD	HC	1-1/4"				
	LC	2"				
	P _s	195-1/2"	215-1/2"	234"	271-1/2"	290-1/2"
P _d (Gate Post Spacing (Inside-To-Inside) for Double Gate = 2 x HC (Hinge Clearance) + 2 x W (Out-To-Out Gate Width) + LC (Latch Clearance))						

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3-Rail Flush Bottom (4" Air Gap)



(NOMINAL) GATE HEIGHT	(NOMINAL) GATE OPENING	(ACTUAL) GATE LEAF WIDTH	ITEM NUMBER	GATE WEIGHT	PICKET QTY	STOCKING STYLE/COLOR
4' H	8'	95-1/2"	1W * X 346F-96A	66	19	N/A
	10'	114-3/4"	1W * X 346F-120A	75	23	N/A
	12'	143"	1W * X 346F-144A	87	29	N/A
4-1/2' H (ONLY AVAILABLE IN MAJESTIC)	8'	95-1/2"	1W M X 354F-96A	70	19	N/A
	10'	114-3/4"	1W M X 354F-120A	80	23	N/A
	12'	143"	1W M X 354F-144A	92	29	N/A
5' H	8'	95-1/2"	1W * X 358F-96A	75	19	N/A
	10'	114-3/4"	1W * X 358F-120A	85	23	N/A
	12'	143"	1W * X 358F-144A	97	29	N/A
6' H	8'	95-1/2"	1W * X 370F-96A	84	19	N/A
	10'	114-3/4"	1W * X 370F-120A	95	23	N/A
	12'	143"	1W * X 370F-144A	108	29	N/A

STYLE SELECTION = * X = COLOR SELECTION
 MAJESTIC = M B = BLACK
 CLASSIC = C N = BRONZE
 GENESIS = G

The above Steel Estate Entry Gates match Montage Plus 3 Rail Flush Bottom Fence Panels

Steel Estate Entry Gates are designed to comply with industry standards for automatic gates under UL325 & ASTM F2200.

Effective: 04/16/13

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MONTAGE PLUS

4-Rail Flush Bottom (4" Air Gap)



(NOMINAL) GATE HEIGHT	(NOMINAL) GATE OPENING	(ACTUAL) GATE LEAF WIDTH	ITEM NUMBER	GATE WEIGHT	PICKET QTY	STOCKING STYLE/COLOR
4' H	8'	95-1/2"	1W * X 446F-96A	74	19	N/A
	10'	114-3/4"	1W * X 446F-120A	86	23	N/A
	12'	143"	1W * X 446F-144A	100	29	N/A
4-1/2' H (ONLY AVAILABLE IN MAJESTIC)	8'	95-1/2"	1W M X 454F-96A	79	19	N/A
	10'	114-3/4"	1W M X 454F-120A	91	23	N/A
	12'	143"	1W M X 454F-144A	105	29	N/A
5' H	8'	95-1/2"	1W * X 458F-96A	83	19	N/A
	10'	114-3/4"	1W * X 458F-120A	96	23	N/A
	12'	143"	1W * X 458F-144A	110	29	N/A
6' H	8'	95-1/2"	1W * X 470F-96A	92	19	N/A
	10'	114-3/4"	1W * X 470F-120A	106	23	N/A
	12'	143"	1W * X 470F-144A	121	29	N/A

STYLE SELECTION = * X = COLOR SELECTION
 MAJESTIC = M B = BLACK
 CLASSIC = C N = BRONZE
 GENESIS = G

3rd rail from the top on the above Steel Estate Entry Gates matches Montage Plus 3 Rail extended picket fence panels
 Steel Estate Entry Gates are designed to comply with industry standards for automatic gates under UL325 & ASTM F2200.

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DOUBLE SWING

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All Double Swing Gates include two (2) Gate Leafs		3-Rail Flush Bottom (4" Air Gap)				
(NOMINAL) GATE HEIGHT	(NOMINAL) GATE OPENING	(ACTUAL) GATE LEAF WIDTH	ITEM NUMBER	GATE WEIGHT PER LEAF	PICKET QTY	STOCKING STYLE/COLOR
4' H	16'	95-1/2"	1W * X 346F-192HD	168	38	N/A
	18'	105-1/2"	1W * X 346F-216HD	176	42	N/A
	20'	114-3/4"	1W * X 346F-240HD	184	46	N/A
	22'	133-1/2"	1W * X 346F-264HD	192	54	N/A
	24'	143"	1W * X 346F-288HD	208	58	N/A
4-1/2' H (ONLY AVAILABLE IN MAJESTIC)	16'	95-1/2"	1W M X 354F-192HD	194	38	N/A
	18'	105-1/2"	1W * X 354F-216HD	202	42	N/A
	20'	114-3/4"	1W * X 354F-240HD	210	46	N/A
	22'	133-1/2"	1W * X 354F-264HD	218	54	N/A
	24'	143"	1W * X 354F-288HD	224	58	N/A
5' H	16'	95-1/2"	1W * X 358F-192HD	198	38	N/A
	18'	105-1/2"	1W * X 358F-216HD	206	42	N/A
	20'	114-3/4"	1W * X 358F-240HD	214	46	N/A
	22'	133-1/2"	1W * X 358F-264HD	222	54	N/A
	24'	143"	1W * X 358F-288HD	228	58	N/A
6' H	16'	95-1/2"	1W * X 370F-192HD	226	38	N/A
	18'	105-1/2"	1W * X 370F-216HD	230	42	N/A
	20'	114-3/4"	1W * X 370F-240HD	238	46	N/A
	22'	133-1/2"	1W * X 370F-264HD	246	54	N/A
	24'	143"	1W * X 370F-288HD	252	58	N/A

STYLE SELECTION = * X = COLOR SELECTION
 MAJESTIC = M B = BLACK
 CLASSIC = C N = BRONZE
 GENESIS = G

The above Steel Estate Entry Gates match Montage Plus 3 Rail Flush Bottom Fence Panels

Steel Estate Entry Gates are designed to comply with industry standards for automatic gates under UL325 & ASTM F2200.

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All Double Swing Gates include two (2) Gate Leafs						
4-Rail Flush Bottom (4" Air Gap)						
		CLASSIC	MAJESTIC	GENESIS		
(NOMINAL) GATE HEIGHT	(NOMINAL) GATE OPENING	(ACTUAL) GATE LEAF WIDTH	ITEM NUMBER	GATE WEIGHT PER LEAF	PICKET QTY	STOCKING STYLE/COLOR
4' H	16'	95-1/2"	1W * X 446F-192HD	140	38	N/A
	18'	105-1/2"	1W * X 446F-216HD	150	42	N/A
	20'	114-3/4"	1W * X 446F-240HD	160	46	N/A
	22'	133-1/2"	1W * X 446F-264HD	172	54	N/A
	24'	143"	1W * X 446F-288HD	183	58	N/A
4-1/2' H (ONLY AVAILABLE IN MAJESTIC)	16'	95-1/2"	1W * X 454F-192HD	147	38	N/A
	18'	105-1/2"	1W * X 454F-216HD	158	42	N/A
	20'	114-3/4"	1W * X 454F-240HD	168	46	N/A
	22'	133-1/2"	1W * X 454F-264HD	180	54	N/A
	24'	143"	1W * X 454F-288HD	191	58	N/A
5' H	16'	95-1/2"	1W * X 458F-192HD	155	38	N/A
	18'	105-1/2"	1W * X 458F-216HD	165	42	N/A
	20'	114-3/4"	1W * X 458F-240HD	176	46	N/A
	22'	133-1/2"	1W * X 458F-264HD	189	54	N/A
	24'	143"	1W * X 458F-288HD	199	58	N/A
6' H	16'	95-1/2"	1W * X 470F-192HD	170	38	N/A
	18'	105-1/2"	1W * X 470F-216HD	181	42	N/A
	20'	114-3/4"	1W * X 470F-240HD	192	46	N/A
	22'	133-1/2"	1W * X 470F-264HD	205	54	N/A
	24'	143"	1W * X 470F-288HD	216	58	N/A

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 GENESIS = G


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ITEM DESCRIPTION	PART NUMBER / COLOR		LENGTH	BOX QTY	WT. EA.
	BLACK	BRONZE			
1-3/4" Sq. x 14 Ga. Steel Gate End 	1HB234	1HN234	34"	8	
	1HB240	1HN240	40"	8	
	1HB246	1HN246	46"	8	
	1HB258	1HN258	58"	8	
	1HB270	1HN270	70"	8	
	1HB282	1HN282	82"	8	
	1HB294	1HN294	94"	8	
	NOTE: Gate Ends are supplied with 1-3/4" Sq. Pressed Steel caps. NOTE: Gates fabricated by welding of gate ends to panel remnants are excluded from the Montage/Montage Plus warranty.				

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GATE HARDWARE KITS

Gate Hardware Kits are located in the Ornamental Gate Hardware Section.

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