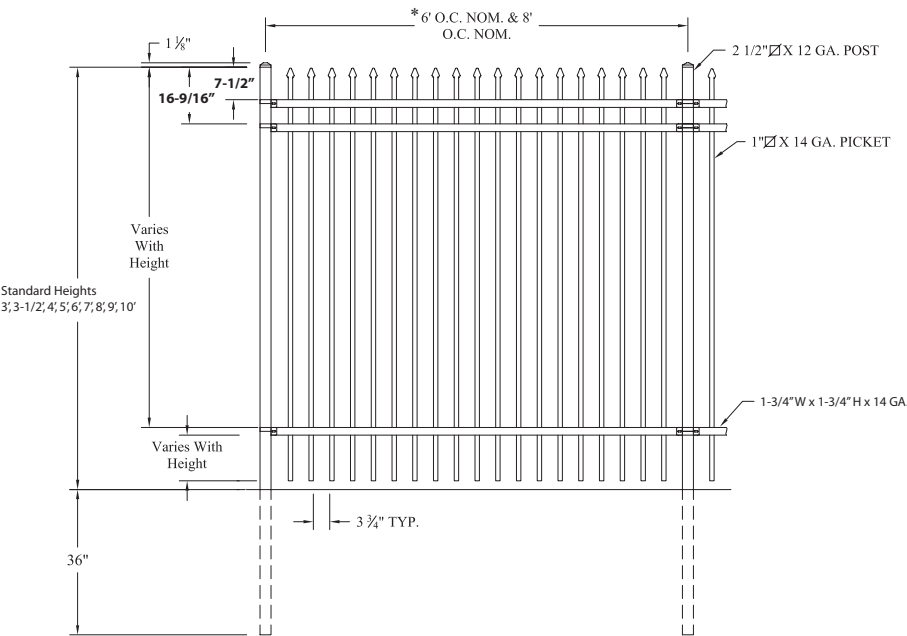
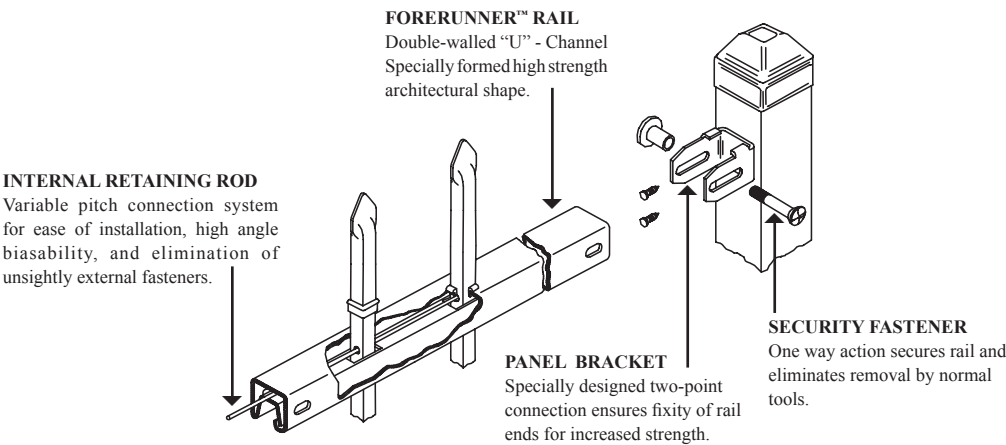


AEGIS II®

INDUSTRIAL ORNAMENTAL STEEL FENCE

Aegis II Rails: Double Walled Channel 1-3/4" Sq. x .150" (effective wall thickness)

Aegis II Pickets: 1" x 1" x 14 Ga.



NOTE: PANELS DO NOT COME PRE-ASSEMBLED.

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

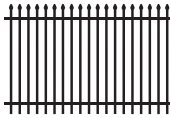
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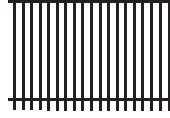


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2-Rail Classic™ Panels



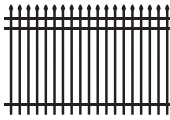
2-Rail Majestic™ Panels



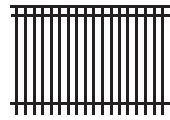
2-Rail Genesis™ Panels



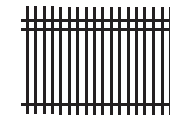
3-Rail Classic™ Panels



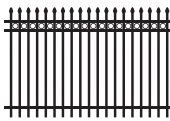
3-Rail Majestic™ Panels



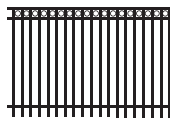
3-Rail Genesis™ Panels



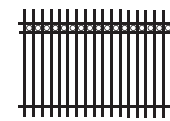
3-Rail Classic™ Panels with Rings



3-Rail Majestic™ Panels with Rings



3-Rail Genesis™ Panels with Rings



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

Rail Quantity	Nominal Panel Width	Nominal Panel Height	Item Number	Catalog Price (Black)	Catalog Price (Color)	Panel Weight
2-Rail Panels	8' Wide	3'	2 <u>*</u> <u>X</u> 20348			86
		3-1/2'	2 <u>*</u> <u>X</u> 20408			95
		4'	2 <u>*</u> <u>X</u> 20468			103
		5'	2 <u>*</u> <u>X</u> 20588			120
		6'	2 <u>*</u> <u>X</u> 20708			138
		7'	2 <u>*</u> <u>X</u> 20828			154
		8'	2 <u>*</u> <u>X</u> 20948			171
		9'	2 <u>*</u> <u>X</u> 21068			190
	10'	2 <u>*</u> <u>X</u> 21188			207	
	6' Wide	3'	2 <u>*</u> <u>X</u> 20346			64
		3-1/2'	2 <u>*</u> <u>X</u> 20406			71
		4'	2 <u>*</u> <u>X</u> 20466			77
		5'	2 <u>*</u> <u>X</u> 20586			90
		6'	2 <u>*</u> <u>X</u> 20706			102
		7'	2 <u>*</u> <u>X</u> 20826			114
		8'	2 <u>*</u> <u>X</u> 20946			127
		9'	2 <u>*</u> <u>X</u> 21066			139
	10'	2 <u>*</u> <u>X</u> 21186			152	
Note: Panel prices do not include panel brackets. Check with Sales for Availability						

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PANELS

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STYLE SELECTION = * X = COLOR SELECTION CLASSIC = C B = BLACK MAJESTIC = M N = BRONZE GENESIS = G W = WHITE S = SAND						
Rail Quantity	Nominal Panel Width	Nominal Panel Height	Item Number	Catalog Price (Black)	Catalog Price (Color)	Panel Weight
3-Rail Panels	8' Wide	3'	2 * X 30348			103
		3-1/2'	2 * X 30408			112
		4'	2 * X 30468			120
		5'	2 * X 30588			137
		6'	2 * X 30708			154
		7'	2 * X 30828			171
		8'	2 * X 30948			188
		9'	2 * X 31068			206
	10'	2 * X 31188			224	
	6' Wide	3'	2 * X 30346			76
		3-1/2'	2 * X 30406			83
		4'	2 * X 30466			89
		5'	2 * X 30586			102
		6'	2 * X 30706			114
		7'	2 * X 30826			126
		8'	2 * X 30946			139
9'		2 * X 31066			151	
10'	2 * X 31186			164		
3-Rail Panels (with Rings)	8' Wide	3'	2 * X 30348R			109
		3-1/2'	2 * X 30408R			118
		4'	2 * X 30468R			126
		5'	2 * X 30588R			143
		6'	2 * X 30708R			160
		7'	2 * X 30828R			177
		8'	2 * X 30948R			194
		9'	2 * X 31068R			212
	10'	2 * X 31188R			230	
	6' Wide	3'	2 * X 30346R			80
		3-1/2'	2 * X 30406R			87
		4'	2 * X 30466R			93
		5'	2 * X 30586R			106
		6'	2 * X 30706R			118
		7'	2 * X 30826R			130
		8'	2 * X 30946R			143
9'		2 * X 31066R			155	
10'	2 * X 31186R			168		
Note: Panel prices do not include panel brackets. Check with Sales for Availability						

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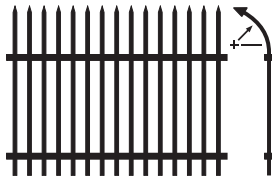
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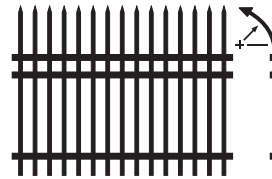
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FAX: 1-877-926-3747

INVINCIBLE PANELS

2-Rail Invincible™ Panels



3-Rail Invincible™ Panels

X = COLOR SELECTIONB = BLACK
N = BRONZE
W = WHITE
S = SAND

Rail Quantity	Nominal Panel Width	Nominal Panel Height	Item Number	Catalog Price (Black)	Catalog Price (Color)	Panel Weight
2-Rail Panels	8' Wide	7'	2I <u>X</u> 20828			160
		8'	2I <u>X</u> 20948			179
		9'	2I <u>X</u> 21068			197
		10'	2I <u>X</u> 21188			216
	6' Wide	7'	2I <u>X</u> 20826			127
		8'	2I <u>X</u> 20946			142
		9'	2I <u>X</u> 21066			166
		10'	2I <u>X</u> 21186			171
3-Rail Panels	8' Wide	7'	2I <u>X</u> 30828			177
		8'	2I <u>X</u> 30948			196
		9'	2I <u>X</u> 31068			214
		10'	2I <u>X</u> 31188			233
	6' Wide	7'	2I <u>X</u> 30826			140
		8'	2I <u>X</u> 30946			155
		9'	2I <u>X</u> 31066			169
		10'	2I <u>X</u> 31186			184

Invincible with Rings are not Available**Note:** Panel prices do not include panel brackets.

Check with Sales for Availability

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WIND LOADING

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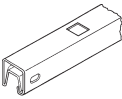
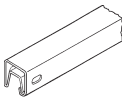
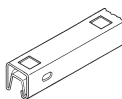
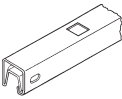
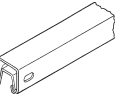
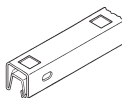
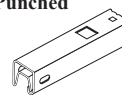
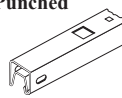
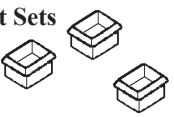
Height (FT)	Rail Length	Post Size	Aegis II™ Wind Load Capacity Factor (PSF)	Typical Wind Load Capacity (mph)
4	6	2-1/2" x 12 GA.	102.3	236
		3" x 12 GA.	122.8	259
	8	2-1/2" x 12 GA.	77.0	205
		3" x 12 GA.	92.2	224
5	6	2-1/2" x 12 GA.	65.5	189
		3" x 12 GA.	78.6	203
	8	2-1/2" x 12 GA.	49.3	164
		3" x 12 GA.	59.0	179
6	6	2-1/2" x 12 GA.	45.5	157
		3" x 12 GA.	54.6	172
	8	2-1/2" x 12 GA.	34.2	136
		3" x 12 GA.	41.0	149
7	6	2-1/2" x 12 GA.	33.4	135
		3" x 12 GA.	40.0	147
	8	2-1/2" x 12 GA.	25.0	116
		3" x 12 GA.	30.0	128
8	6	2-1/2" x 12 GA.	25.6	118
		3" x 12 GA.	30.7	129
	8	2-1/2" x 12 GA.	19.2	102
		3" x 12 GA.	23.0	112
9	6	4" x 11 GA.	32.0	132
10	6	4" x 11 GA.	28.7	125

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.

AEGIS II®


AMERISTAR®
 FENCE PRODUCTS
COMPONENTS

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ITEM DESCRIPTION	BLACK		COLOR				LENGTH	BOX QTY	WT EA.
	ITEM	PRICE	BRONZE	WHITE	DESERT SAND	PRICE			
Rail-Through Punched ForeRunner™ 	CBR26N		CNR26N	CWR26N	CSR26N		67-3/4"	6	13
For 6' long Classic™, Genesis™, and Majestic™ (other than Majestic™ top rail). Includes grommets and retaining rods.									
Rail-Bottom Punched ForeRunner™ 	MBR26N		MNR26N	MWR26N	MSR26N		67-3/4"	6	13
For 6' long Majestic™ top rail. Includes retaining rods.									
Rail-Through Punched ForeRunner™ Invincible 	IBR26		INR26	IWR26	ISR26		71-3/8"	6	13
For 6' long Invincible™. Includes grommets and retaining rods.									
Rail-Through Punched ForeRunner™ 	CBR28N		CNR28N	CWR28N	CSR28N		92-5/8"	4	17
For 8' long Classic™, Genesis™, and Majestic™ (other than Majestic™ top rail). Includes grommets and retaining rods.									
Rail-Bottom Punched ForeRunner™ 	MBR28N		MNR28N	MWR28N	MSR28N		92-5/8"	4	18
For 8' long Majestic™ top rail. Includes retaining rods.									
Rail-Through Punched ForeRunner™ Invincible 	IBR28N		INR28N	IWR28N	ISR28N		91-1/4"	4	17
For 8' long Invincible™. Includes grommets and retaining rods.									
Rail - Through - Punched Top Punched For Rings ForeRunner™ 	RBR26N		RNR26N	RWR26N	RSR26N		67-3/4"	6	13
Used only for 6' long Ring Rails (below the row of rings). Includes grommets and retaining rods.									
Rail - Through - Punched Top Punched For Rings ForeRunner™ 	RBR28N		RNR28N	RWR28N	RSR28N		92-5/8"	4	17
Used only for 8' long Ring Rails (below the row of rings). Includes grommets and retaining rods.									
Grommet Sets 	XB150P		XN150P	XW150P	XS150P		1"	16/Bag	3 oz.
	XB190P-20		XN190P-20	XW190P-20	XS190P-20		1"	20/Bag	3 oz.
Price is per polybag of grommets.									
Picket Plug 	8450P-20		-----	8453P	-----		1"	19/Bag	1

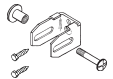
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PANEL BRACKETS

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ITEM DESCRIPTION	BLACK		COLOR			BAG QTY	BOX QTY	WT. EA.
	PART NO.	PRICE EA.	BRONZE	WHITE	DESERT SAND			
Industrial Universal Boulevard Bracket  BB302 fits 2-1/2" BB303 fits 3"	BB302		BN302	BW302	BS302	2	80	.46
	BB303		BN303	BW303	BS303	2	60	.53
	Made from high strength steel. Packaged in polybag with #14 x 3/4" self-drilling screws, 1/4" x 2" one-way security bolts and 1/4" tee nuts. MUST BE ORDERED IN BAG QUANTITIES. Mounts on 2-1/2" and 3" square post. Works universally for lines, ends and corners.   							
Industrial Line Bracket (For Invincible)  BB319 fits 2-1/2" BB320 fits 3"	BB319		BN319	BW319	BS319	2	24	1.2
	BB320		BN320	BW320	BS320	2	24	1.2
Used as 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.								
Industrial Flat Mount Bracket 	BB301		BN301	BW301	BS301	2	100	.42
	Packaged 2 pieces per polybag with #14 x 3/4" self-drilling screws, 1/4" x 2" one-way security bolts, 1/4" tee nuts. MUST BE ORDERED IN BAG QUANTITIES.							
Industrial Swivel Bracket 	BB304		BN304	BW304	BS304	2	80	1
	Made from high strength steel. MUST BE ORDERED IN BAG QUANTITIES. (NOTE: CAUTION THIS BRACKET INCREASES POST SPACING.)							

FASTENERS

ITEM DESCRIPTION	PART NUMBER				PRICE	LENGTH	BAG QTY	WT. EA.
	BLACK	BRONZE	WHITE	DESERT SAND				
One-Way Bolts 	7150BP-20	7150NP	7150WP	7150SP		1/4" X 2"	20	.8
	Steel washered one-way bolts for industrial brackets.							
Tee Nuts 	7157BP-20	7157NP	7157WP	7157SP		1/4"	20	.5
	Steel tee nuts for industrial brackets.							
Self-Drilling Screws 	HB524P-50	HN524P	HW524P	HS524P		#14 X 3/4"	50	.6
	Steel hex head self-drilling screws for industrial brackets.							
Drive Rivets 	HB558P	HN558P	HW558P	HS558P		1/4"	1	.002
	Drive rivets for flat mount bracket.							
Flange Nuts 	HB300P	HN300P	HW300P	HS300P		5/16"	1	.013
	Steel flange nuts for industrial swivel bracket.							
Carriage Bolts 	HB302P	HN302P	HW302P	HS302P		5/16" X 3-1/2"	1	.082
	HB303P	HN303P	HW303P	HS303P		5/16" X 4"	1	.09
	Steel carriage bolts for industrial swivel bracket.							

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FENCE PRODUCTS

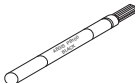
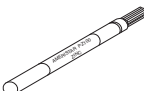
ADORNMENTS

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ITEM DESCRIPTION	BLACK		COLOR				SIZE	BOX QTY	WT. EA.
	NO.	EA.			SAND	EA.			
Quad-Flares   	AB512		AN512	AW512	AS512		1" Sq.	---	.5
Fits atop 1" square pickets. Heavy-duty cast aluminum. The four sided flare design adds the popular traditional look to the "Genesis"™ fence style.									
Triads 	AB514		AN514	AW514	AS514		1" Sq.	---	.5
Fits atop 1" square pickets. Heavy-duty cast aluminum. These distinct tips reflect the strong look of a barbed spear. The triad adds the popular traditional look to the "Genesis" fence style.									
Royalty 	AB526		AN526	AW526	AS526		1" Sq.	---	.26
Fits atop 1" square pickets (press-fit). Die cast aluminum.									
Rings 	AB511		AN511	AW511	AS511		----	---	.3
NOTE: Use of rings must be in conjunction with use of special ring rails (see Page 4-46).									

CUSTOM FINISHES

ITEM DESCRIPTION	BLACK		COLOR				WEIGHT EACH
	BLACK PART NO.	DEALER PRICE	WHITE PART NO.	BRONZE PART NO.	DESERT SAND PART NO.	DEALER PRICE	
Paint Pen 	PB100		PW100	PN100	PS100		.5
	Custom finishes in the four standard Aegis II Fence colors.						
Zinc-Rich Paint Pen 	PZ100						.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		FW100	FN100	FS100		1.1
	Custom finishes in the four standard Aegis II Fence colors.						
Zinc-Rich Primer 	FZ100						1.1
	Ideal for priming cut steel edges of Aegis II Fence components prior to applying the appropriate custom finish color. NOTE: All cut rail ends must be seal coated with Zinc-Rich Primer and Custom Touch-up Finish or warranty is considered null and void.						

SCREW REMOVER

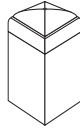
ITEM DESCRIPTION	PART NUMBER	PRICE EA.	BOX QTY.	WT. EA.
One-Way Screw Remover	88246P		1	.10
Removes security fasteners.				

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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 SELECTIONB = 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)	12 GA. (INDUSTRIAL)	5'	P <u>X</u> 25060			16
		6'	P <u>X</u> 25072			19
		7'	P <u>X</u> 25084			22
		8'	P <u>X</u> 25096			26
		9'	P <u>X</u> 25108			28
		10'	P <u>X</u> 25120			31
		11'	P <u>X</u> 25132			35
		12'	P <u>X</u> 25144			36
		13'	P <u>X</u> 25156			40
		14'	P <u>X</u> 25168			43
		15'	P <u>X</u> 25180			46
3" SQ. (STEEL)	12 GA. (INDUSTRIAL)	5'	P <u>X</u> 30060			20
		6'	P <u>X</u> 30072			24
		7'	P <u>X</u> 30084			30
		8'	P <u>X</u> 30096			34
		9'	P <u>X</u> 30108			39
		10'	P <u>X</u> 30120			43
		11'	P <u>X</u> 30132			47
		12'	P <u>X</u> 30144			51
		13'	P <u>X</u> 30156			56
		14'	P <u>X</u> 30168			60
		15'	P <u>X</u> 30180			64
		16'	P <u>X</u> 30192			69

AEGIS II

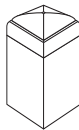
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STEEL ORNAMENTAL SQUARE POST



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
4" SQ. (STEEL)	11 GA. (INDUSTRIAL)	6'	P <u>X</u> 40072			39
		7'	P <u>X</u> 40084			47
		8'	P <u>X</u> 40096			54
		9'	P <u>X</u> 40108			61
		10'	P <u>X</u> 40120			67
		11'	P <u>X</u> 40132			74
		12'	P <u>X</u> 40144			81
		13'	P <u>X</u> 40156			87
		14'	P <u>X</u> 40168			94
		15'	P <u>X</u> 40180			101
		16'	P <u>X</u> 40192			108
		18'	P <u>X</u> 40216			114
		20'	P <u>X</u> 40240			126
		24'	P <u>X</u> 40288			162
6" SQ. (STEEL)	3/16" WALL (INDUSTRIAL)	7'	P <u>X</u> 60084			102
		8'	P <u>X</u> 60096			116
		9'	P <u>X</u> 60108			131
		10'	P <u>X</u> 60120			145
		11'	P <u>X</u> 60132			160
		12'	P <u>X</u> 60144			174
		13'	P <u>X</u> 60156			189
		14'	P <u>X</u> 60168			103
		15'	P <u>X</u> 60180			218
		16'	P <u>X</u> 60192			232
8" SQ. (STEEL)	1/4" WALL (INDUSTRIAL)	9'	P <u>X</u> 80108			233
		10'	P <u>X</u> 80120			259
		11'	P <u>X</u> 80132			285
		12'	P <u>X</u> 80144			311
		13'	P <u>X</u> 80156			336
		14'	P <u>X</u> 80168			370
		15'	P <u>X</u> 80180			390
		16'	P <u>X</u> 80192			415
		20'	P <u>X</u> 80240			517
		24'	P <u>X</u> 80288			620

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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
		7'	P <u>X</u> 25084P			26
		8'	P <u>X</u> 25096P			28
		9'	P <u>X</u> 25108P			31
		10'	P <u>X</u> 25120P			34
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
		7'	P <u>X</u> 30084P			34
		8'	P <u>X</u> 30096P			39
		9'	P <u>X</u> 30108P			43
		10'	P <u>X</u> 30120P			47
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
		7'	P <u>X</u> 40084P			54
		8'	P <u>X</u> 40096P			61
		9'	P <u>X</u> 40108P			67
		10'	P <u>X</u> 40120P			74

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	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	2-1/2" 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

AEGIS II®

AMERISTAR FENCE PRODUCTS®

AEGIS II® - Heavy Industrial Steel Ornamental Fence System – Internally Secured 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 industrial 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 industrial ornamental steel fence system of the Ameristar® Aegis II® (specify Classic™, Majestic™, Genesis™ or Invincible™) design. They system shall include all components (i.e., pickets, rails, 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 submittal package shall be provided prior to installation.

1.07 PRODUCT HANDLING AND STORAGE

Upon receipt at the job site, all materials shall be checked to ensure that no damages 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 10 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 Ameristar Aegis II, (specify Classic, Majestic, Genesis, or Invincible) design, (specify 2-Rail, 3-Rail, or 3-Rail with Rings) style manufactured by Ameristar Fence Products, Inc. in Tulsa, Oklahoma.

2.02 MATERIAL

A. Steel material for fence framework (i.e. tubular pickets, rails and posts), shall be galvanized prior to forming in accordance with the requirements of ASTM A653/A653M, with minimum yield strength of 45,000 psi (310 MPa). The steel shall be hot-dip galvanized to meet the requirements of ASTM A653/A653M with a minimum zinc coating weight of 0.90 oz/ft² (276 g/m²), Coating Designation G-90.

B. Material for pickets shall be 1" square x 14 Ga. tubing. The cross-sectional shape of the rails shall conform to the manufacturer's ForeRunner™ double wall design with outside cross-section dimensions of 1.75" square and a minimum thickness of 14 Ga. Picket holes in the ForeRunner rail shall be spaced 4.715" o.c., except for Invincible style 6' long, which shall be, spaced 4.98" o.c. Picket retaining rods shall be 0.125" diameter galvanized steel. High quality PVC grommets shall be supplied to seal all picket-to-rail intersections. Fence posts and gate posts shall meet the minimum size requirements of Table 1.

Effective: 04/16/13

2.03 FABRICATION

A. Pickets, rails and posts shall be precut to specified lengths. ForeRunner rails shall be prepunched to accept pickets. Pickets shall be predrilled to accept retaining rods.

B. Grommets shall be inserted into the prepunched holes in the rails and pickets shall be inserted through the grommets so that predrilled picket holes align with the internal upper raceway of the ForeRunner rails (Note: This can best be accomplished by making an alignment jig). Retaining rods shall be inserted into each ForeRunner rail so that they pass through the predrilled holes in each picket.

C. The manufactured galvanized framework shall be subjected to the PermaCoat® thermal stratification coating process (high-temperature, in-line, multi-stage, multi-layer) including, as a minimum, a six-stage pretreatment/wash (with zinc phosphate), an electrostatic spray application of an epoxy base, and a separate electrostatic spray application of a polyester finish. The base coat shall be a thermosetting epoxy powder coating (gray in color) with a minimum thickness of 2 mils (0.0508mm). The topcoat shall be a "no-mar" TGIC polyester powder coat finish with a minimum thickness of 2 mils (0.0508mm). The color shall be (specify Black, Bronze, White, or Desert Sand). The stratification-coated framework shall be capable of meeting the performance requirements for each quality characteristic shown in Table 2.

D. Completed sections (i.e., panels) shall be capable of supporting a 600 lb. load applied at midspan without permanent deformation. Panels shall be biasable to a 25% change in grade.

E. Swing gates shall be fabricated using 1.75" x 14ga Forerunner double channel rail, 2" sq. gate ends, and 1" sq. x 14ga. pickets. Gates that exceed 6' in width will have a 1.75" sq. intermediate upright. 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 FENCE INSTALLATION

Fence post shall be spaced according to Table 3, plus or minus ½". 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.

AEGIS II®

AMERISTAR FENCE PRODUCTS®



AEGIS II® - Heavy Industrial Steel Ornamental Fence System – Internally Secured
Construction Specification – SECTION 32 31 19

Table 1 – Minimum Sizes for Aegis II Posts

Fence Posts	Panel Height
2-1/2" x 12 Ga.	Up to & Including 6' Height
3" x 12 Ga.	Over 6' Up to & Including 10' Height
4" x 11 Ga.	Over 10' Height

Gate Leaf	Gate Height			
	Up to & Including 6'	Over 6' Up to & Including 8'	Over 8' Up to & Including 10'	Over 12'
Up to 4'	3" x 12Ga.	3" x 12 Ga.	4" x 11 Ga.	4" x 11 Ga.
4'1" to 6'	3" x 12Ga.	3" x 12 Ga.	4" x 11 Ga.	4" x 11 Ga.
6'1" to 8'	4" x 11 Ga.	6" x 3/16"	6" x 3/16"	6" x 3/16"
8'1" to 10'	4" x 11 Ga.	6" x 3/16"	6" x 3/16"	6" x 3/16"
10'1" to 12'	6" x 3/16"	6" x 3/16"	6" x 3/16"	8" x 1/4"
12'1" to 16'	6" x 3/16"	6" x 3/16"	8" x 1/4"	8" x 1/4"

Table 2 – Coating Performance Requirements

Quality Characteristics	ASTM Test Method	Performance Requirements
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 3,500 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 – Aegis II – Post Spacing By Bracket Type

Span	For INVINCIBLE® 8' Nominal (91.25" Rail)		For CLASSIC, GENESIS, & MAJESTIC 8' Nominal (92.625" Rail)					
Post Size	2-1/2"	3"	2-1/2"	3"	2-1/2"	3"	2-1/2"	3"
Bracket Type	Industrial Flat Mount (BB301)		Industrial Universal (BB302)	Industrial Universal (BB303)	Industrial Flat Mount (BB301)		Industrial Swivel (BB304)*	
Post Settings ± 1/2" O.C.	94-1/2"	95"	96"	96.5"	96"	96-1/2"	*97-1/2"	*98"

Span	For INVINCIBLE® 6' Nominal (67.75" Rail)		For CLASSIC, GENESIS, & MAJESTIC 6' Nominal (71.375" Rail)					
Post Size	2-1/2"	3"	2-1/2"	3"	2-1/2"	3"	2-1/2"	3"
Bracket Type	Industrial Flat Mount (BB301)		Industrial Universal (BB302)	Industrial Universal (BB303)	Industrial Flat Mount (BB301)		Industrial Swivel (BB304)*	
Post Settings ± 1/2" O.C.	75"	75.5"	71.5"	72"	71.5"	72"	*73"	*73.5"

*Note: When using BB304 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.

Effective: 04/16/13

AEGIS II® | WARRANTY INDUSTRIAL STEEL ORNAMENTAL FENCE

Aegis II® Industrial Steel Ornamental Fence System by Ameristar® is manufactured from the highest quality materials by skilled craftsmen to meet the highest standards of workmanship in the industry. Galvanized steel framework shall be subject to a six stage pretreatment/wash (with zinc phosphate) followed by an electrostatic spray application of PermaCoat® Color System, a two coat powder system. The base coat is a thermosetting epoxy powder coating (gray in color). The top coat is a “no-mar” TGIC polyester powder coat finish, which provides the protection necessary to withstand adverse environmental conditions.

The powder coated surface on all framework (i.e., pickets, rails and posts) by Ameristar is guaranteed under normal and proper usage, against cracking, peeling, chipping, blistering or corroding for a period of ten (10) years from the original purchase date. Normal and proper usage does not include physical damage, abrasion or exposure to salty environments to the protective coating.

Aegis II Industrial Steel Ornamental Fence System framework is also guaranteed for the same period of time against defects in workmanship or materials.

Should any ornamental fence framework manufactured by Ameristar Fence Products fail in accordance with any of the above conditions, Ameristar Fence Products warrants to the original purchaser their redemption through replacement, renewal or issuance of a pro-rated credit. The decision as to which method of redemption is allowed is solely at the discretion of Ameristar. If pro-rated allowance is the chosen alternative, the amount will be based on the total number of years under warranty from date of purchase to date of claim, based on the original cost of framing materials found to be defective. Notice of failure under the conditions of this warranty shall be sent to Ameristar Fence Products 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. When cutting Aegis II components immediately seal the exposed surfaces by 1) Removing all metal shavings from cut area 2) Apply zinc-rich primer to thoroughly cover cut edge and 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. If the contractor uses non Ameristar parts/components this will negate the warranty. Should the fence be improperly installed, Ameristar Fence Products 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, salty environments, vandalism or acts of God. Ameristar Fence Products reserves the right to inspect the material to determine validity of the claim.

Upon validation of the claim by Ameristar Fence Products or its authorized representative, redemption by replacement, renewal or issuance of a pro-rated credit shall be made by Ameristar Fence Products. 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 Fence Products neither assumes nor authorizes any other person or agent to assume any other liability in connection with Aegis II Industrial Steel Ornamental Fence System. Some jurisdictions do not allow limitations on how long an implied warranty lasts, nor do they allow an exclusion or limitation of incidental or consequential damages; therefore, the limitations and exclusions noted herein may not apply.



**AMERISTAR®
FENCE PRODUCTS**

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

Effective: 04/16/13

AEGIS II®

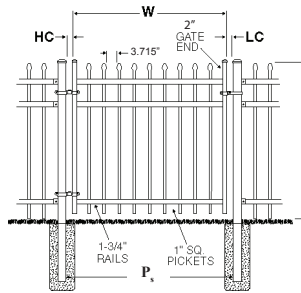
AMERISTAR®
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WELDED GATES

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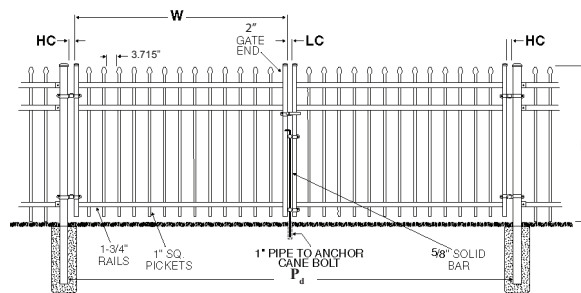
GATE SPECIFICATION

Gate Ends 2" Sq. Steel
 Rails .160" Eff. Wall Steel
 Pickets 14 GA. Wall Steel

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 = Post Interspace (Single); P_d = Post Interspace (Double)

HARDWARE KITS & POSTS INTERSPACES FOR AEGIS II SINGLE SWING WELDED STEEL GATES WITH STRAIGHT PICKETS

NOMINAL GATE OPENING	3-1/2"	4'	5'	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'
W = LEAF WIDTH	40-1/4"	49-1/2"	59"	68-1/2"	78"	96-3/4"	106-1/4"	115-1/2"	134-1/2"	143-3/4"	153-1/4"	162-3/4"	181-1/2"	191"
FORK LATCH/BOX HINGE KITS #IGBSX25 OR #IGBSX3	HC	2"												
	LC	2"												
	P _s	44-1/4"	53-1/2"	63"	72-1/2"	82"	100-3/4"	110-1/4"	119-1/2"	138-1/2"	147-3/4"	157-1/4"	166-3/4"	185-1/2"
AMERISTAR LOCK/BOX HINGE KIT #SGBSXA	HC	2"												
	LC	5/8"												
	P _s	42-7/8"	52-1/8"	61-5/8"	71-1/8"	80-5/8"	99-3/8"	108-7/8"	118-1/8"	137-1/8"	146-3/8"	155-7/8"	165-3/8"	184-1/8"
P _s (Post Interspace for Single Gate) = HC (Hinge Clearance) + W (Gate Width) + LC (Latch Clearance)														

HARDWARE KITS & POSTS INTERSPACES FOR AEGIS II DOUBLE SWING WELDED STEEL GATES WITH STRAIGHT PICKETS

NOMINAL GATE OPENING	7'	8'	10'	12'	14'	16'	18'	20'	21'	24'	26'	14'	15'	16'
W = LEAF WIDTH	40-1/4"	49-1/2"	59"	68-1/2"	78"	96-3/4"	106-1/4"	115-1/2"	134-1/2"	143-3/4"	153-1/4"	162-3/4"	181-1/2"	191"
FORK LATCH/BOX HINGE KIT #IGBDX	HC	2"												
	LC	2"												
	P _s	86-1/2"	105"	124"	143"	162"	199-1/2"	218-1/2"	237"	275"	293-1/2"	312-1/2"	331-1/2"	369"
P _d (Post Interspace for Double Gate) = 2 x HC (Hinge Clearance) + 2 x W (Gate Width) + LC (Latch Clearance)														

HARDWARE KITS & POSTS INTERSPACES FOR AEGIS II SINGLE SWING WELDED STEEL GATES WITH CURVED INVINCIBLE PICKETS

NOMINAL GATE OPENING	3-1/2"	4'	5'	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'
W = LEAF WIDTH	40"	44-3/4"	58-7/8"	68-1/4"	82-3/8"	91-7/8"	106"	115-3/8"	129-1/2"	139"	153-1/8"	167-1/4"	176-3/4"	190-7/8"
FORK LATCH/BOX HINGE KITS #IGBSX25 OR #IGBSX3	HC	2"												
	LC	2"												
	P _s	44"	48-3/4"	62-7/8"	72-1/4"	86-3/8"	95-7/8"	110"	119-3/8"	133-1/2"	143"	157-1/8"	171-1/4"	180-3/4"
INDUSTRIAL HINGE KIT #IGBS-25, #IGBS-3 OR #IGBS-4	HC	1-1/2"												
	LC	3"												
	P _s	44-1/2"	49-1/4"	63-3/8"	72-3/4"	86-7/8"	96-3/8"	110-1/2"	119-7/8"	134"	143-1/2"	157-5/8"	171-3/4"	181-1/4"
P _s (Post Interspace for Single Gate) = HC (Hinge Clearance) + W (Gate Width) + LC (Latch Clearance)														

HARDWARE KITS & POSTS INTERSPACES FOR AEGIS II DOUBLE SWING WELDED STEEL GATES WITH CURVED INVINCIBLE PICKETS

NOMINAL GATE OPENING	7'	8'	10'	12'	14'	16'	18'	20'	22'	24'	26'	28'	30'	32'
W = LEAF WIDTH	40"	44-3/4"	58-7/8"	68-1/4"	82-3/8"	91-7/8"	106"	115-3/8"	129-1/2"	139"	153-1/8"	167-1/4"	176-3/4"	190-7/8"
FORK LATCH/BOX HINGE KIT #IGBDX	HC	2"												
	LC	2"												
	P _s	86"	95-1/2"	123-3/4"	142-1/2"	170-3/4"	189-3/4"	218"	236-3/4"	265"	284"	312-1/4"	340-1/2"	359-1/2"
P _d (Post Interspace for Double Gate) = 2 x HC (Hinge Clearance) + 2 x W (Gate Width) + LC (Latch Clearance)														

Effective: 04/16/13

AEGIS II®



STEEL WELDED GATES

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

Straight Picket Style Choices (Aegis II® Gate Leaves):



CLASSIC™



MAJESTIC™



GENESIS™



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.

Style Selection = * **X** = Color Selection
 Classic = C B = Black
 Majestic = M W = White
 Genesis = G N = Bronze
 S = Sand

GATE HEIGHT	RAIL QTY.	NOMINAL GATE OPENING	ACTUAL GATE LEAF WIDTH	ITEM NUMBER	CATALOG PRICE (BLACK)	CATALOG PRICE (COLOR)	GATE WEIGHT
3' Tall	2-Rail	3-1/2'	40-1/4"	2 * X 2034-42			53
		4'	49-1/2"	2 * X 2034-48			63
		5'	59"	2 * X 2034-60			73
		6'	68-1/2"	2 * X 2034-72			84
		7'	78"	2 * X 2034-84			94
		8'	96-3/4"	2 * X 2034-96			104
		9'	106-1/4"	2 * X 2034-108			125
		10'	115-1/2"	2 * X 2034-120			136
		11'	134-1/2"	2 * X 2034-132			144
		12'	143-3/4"	2 * X 2034-144			154
		13'	153-1/4"	2 * X 2034-156			165
		14'	162-3/4"	2 * X 2034-168			190
		15'	181-1/2"	2 * X 2034-180			195
		16'	191"	2 * X 2034-192			205
	3-Rail	3-1/2'	40-1/4"	2 * X 3034-42			64
		4'	49-1/2"	2 * X 3034-48			76
		5'	59"	2 * X 3034-60			88
		6'	68-1/2"	2 * X 3034-72			100
		7'	78"	2 * X 3034-84			114
		8'	96-3/4"	2 * X 3034-96			126
		9'	106-1/4"	2 * X 3034-108			152
		10'	115-1/2"	2 * X 3034-120			164
		11'	134-1/2"	2 * X 3034-132			176
		12'	143-3/4"	2 * X 3034-144			188
		13'	153-1/4"	2 * X 3034-156			202
		14'	162-3/4"	2 * X 3034-168			234
		15'	181-1/2"	2 * X 3034-180			239
		16'	191"	2 * X 3034-192			251
	3-Rail (With Rings)	3-1/2'	40-1/4"	2 * X 3034-42R			68
		4'	49-1/2"	2 * X 3034-48R			82
		5'	59"	2 * X 3034-60R			95
		6'	68-1/2"	2 * X 3034-72R			109
		7'	78"	2 * X 3034-84R			124
		8'	96-3/4"	2 * X 3034-96R			137
		9'	106-1/4"	2 * X 3034-108R			164
		10'	115-1/2"	2 * X 3034-120R			177
		11'	134-1/2"	2 * X 3034-132R			197
		12'	143-3/4"	2 * X 3034-144R			210
		13'	153-1/4"	2 * X 3034-156R			226
		14'	162-3/4"	2 * X 3034-168R			254
		15'	181-1/2"	2 * X 3034-180R			250
		16'	191"	2 * X 3034-192R			249

Effective: 04/16/13

AEGIS II®



STEEL WELDED GATES

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

Style Selection = * X = Color Selection
 Classic = C B = Black
 Majestic = M W = White
 Genesis = G N = Bronze
 S = Sand

GATE HEIGHT	RAIL QTY.	NOMINAL GATE OPENING	ACTUAL GATE LEAF WIDTH	ITEM NUMBER	CATALOG PRICE (BLACK)	CATALOG PRICE (COLOR)	GATE WEIGHT
3-1/2' Tall	2-Rail	3-1/2'	40-1/4"	2 * <u>X</u> 2040-42			58
		4'	49-1/2"	2 * <u>X</u> 2040-48			69
		5'	59"	2 * <u>X</u> 2040-60			80
		6'	68-1/2"	2 * <u>X</u> 2040-72			92
		7'	78"	2 * <u>X</u> 2040-84			103
		8'	96-3/4"	2 * <u>X</u> 2040-96			114
		9'	106-1/4"	2 * <u>X</u> 2040-108			137
		10'	115-1/2"	2 * <u>X</u> 2040-120			148
		11'	134-1/2"	2 * <u>X</u> 2040-132			158
		12'	143-3/4"	2 * <u>X</u> 2040-144			169
		13'	153-1/4"	2 * <u>X</u> 2040-156			180
		14'	162-3/4"	2 * <u>X</u> 2040-168			207
		15'	181-1/2"	2 * <u>X</u> 2040-180			213
		16'	191"	2 * <u>X</u> 2040-192			224
	3-Rail	3-1/2'	40-1/4"	2 * <u>X</u> 3040-42			69
		4'	49-1/2"	2 * <u>X</u> 3040-48			82
		5'	59"	2 * <u>X</u> 3040-60			95
		6'	68-1/2"	2 * <u>X</u> 3040-72			108
		7'	78"	2 * <u>X</u> 3040-84			123
		8'	96-3/4"	2 * <u>X</u> 3040-96			136
		9'	106-1/4"	2 * <u>X</u> 3040-108			164
		10'	115-1/2"	2 * <u>X</u> 3040-120			177
		11'	134-1/2"	2 * <u>X</u> 3040-132			190
		12'	143-3/4"	2 * <u>X</u> 3040-144			203
		13'	153-1/4"	2 * <u>X</u> 3040-156			217
		14'	162-3/4"	2 * <u>X</u> 3040-168			251
		15'	181-1/2"	2 * <u>X</u> 3040-180			257
		16'	191"	2 * <u>X</u> 3040-192			270
	3-Rail (With Rings)	3-1/2'	40-1/4"	2 * <u>X</u> 3040-42R			73
		4'	49-1/2"	2 * <u>X</u> 3040-48R			88
		5'	59"	2 * <u>X</u> 3040-60R			102
		6'	68-1/2"	2 * <u>X</u> 3040-72R			117
		7'	78"	2 * <u>X</u> 3040-84R			133
		8'	96-3/4"	2 * <u>X</u> 3040-96R			147
		9'	106-1/4"	2 * <u>X</u> 3040-108R			175
		10'	115-1/2"	2 * <u>X</u> 3040-120R			189
		11'	134-1/2"	2 * <u>X</u> 3040-132R			211
		12'	143-3/4"	2 * <u>X</u> 3040-144R			225
		13'	153-1/4"	2 * <u>X</u> 3040-156R			242
		14'	162-3/4"	2 * <u>X</u> 3040-168R			271
		15'	181-1/2"	2 * <u>X</u> 3040-180R			275
		16'	191"	2 * <u>X</u> 3040-192R			282

Custom gate dimensions are available upon request, but incur a 10% engineering charge based on the nearest larger standard gate leaf.

NOTE: Excludes Gate Hardware

Effective: 04/16/13

AEGIS II®

AMERISTAR®
FENCE PRODUCTS

STEEL WELDED GATES

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FAX: 1-877-926-3747

AEGIS II

Style Selection = * X = Color Selection

Classic = C B = Black

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S = Sand

GATE HEIGHT	RAIL QTY.	NOMINAL GATE OPENING	ACTUAL GATE LEAF WIDTH	ITEM NUMBER	CATALOG PRICE (BLACK)	CATALOG PRICE (COLOR)	GATE WEIGHT
4' Tall	2-Rail	3-1/2'	40-1/4"	2 * <u>X</u> 2048-42			63
		4'	49-1/2"	2 * <u>X</u> 2048-48			75
		5'	59"	2 * <u>X</u> 2048-60			87
		6'	68-1/2"	2 * <u>X</u> 2048-72			99
		7'	78"	2 * <u>X</u> 2048-84			112
		8'	96-3/4"	2 * <u>X</u> 2048-96			124
		9'	106-1/4"	2 * <u>X</u> 2048-108			148
		10'	115-1/2"	2 * <u>X</u> 2048-120			160
		11'	134-1/2"	2 * <u>X</u> 2048-132			171
		12'	143-3/4"	2 * <u>X</u> 2048-144			183
		13'	153-1/4"	2 * <u>X</u> 2048-156			195
		14'	162-3/4"	2 * <u>X</u> 2048-168			224
		15'	181-1/2"	2 * <u>X</u> 2048-180			231
		16'	191"	2 * <u>X</u> 2048-192			243
	3-Rail	3-1/2'	40-1/4"	2 * <u>X</u> 3048-42			74
		4'	49-1/2"	2 * <u>X</u> 3048-48			88
		5'	59"	2 * <u>X</u> 3048-60			102
		6'	68-1/2"	2 * <u>X</u> 3048-72			116
		7'	78"	2 * <u>X</u> 3048-84			132
		8'	96-3/4"	2 * <u>X</u> 3048-96			146
		9'	106-1/4"	2 * <u>X</u> 3048-108			175
		10'	115-1/2"	2 * <u>X</u> 3048-120			189
		11'	134-1/2"	2 * <u>X</u> 3048-132			203
		12'	143-3/4"	2 * <u>X</u> 3048-144			217
		13'	153-1/4"	2 * <u>X</u> 3048-156			232
		14'	162-3/4"	2 * <u>X</u> 3048-168			268
		15'	181-1/2"	2 * <u>X</u> 3048-180			275
		16'	191"	2 * <u>X</u> 3048-192			289
	3-Rail (With Rings)	3-1/2'	40-1/4"	2 * <u>X</u> 3048-42R			78
		4'	49-1/2"	2 * <u>X</u> 3048-48R			94
		5'	59"	2 * <u>X</u> 3048-60R			109
		6'	68-1/2"	2 * <u>X</u> 3048-72R			124
		7'	78"	2 * <u>X</u> 3048-84R			142
		8'	96-3/4"	2 * <u>X</u> 3048-96R			157
		9'	106-1/4"	2 * <u>X</u> 3048-108R			186
		10'	115-1/2"	2 * <u>X</u> 3048-120R			201
		11'	134-1/2"	2 * <u>X</u> 3048-132R			225
		12'	143-3/4"	2 * <u>X</u> 3048-144R			240
		13'	153-1/4"	2 * <u>X</u> 3048-156R			257
		14'	162-3/4"	2 * <u>X</u> 3048-168R			287
		15'	181-1/2"	2 * <u>X</u> 3048-180R			300
		16'	191"	2 * <u>X</u> 3048-192R			315

Custom gate dimensions are available upon request, but incur a 10% engineering charge based on the nearest larger standard gate leaf.

NOTE: Excludes Gate Hardware

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GATE HEIGHT	RAIL QTY.	NOMINAL GATE OPENING	ACTUAL GATE LEAF WIDTH	ITEM NUMBER	CATALOG PRICE (BLACK)	CATALOG PRICE (COLOR)	GATE WEIGHT
5' Tall	2-Rail	3-1/2'	40-1/4"	2 * <u>X</u> 2058-42			73
		4'	49-1/2"	2 * <u>X</u> 2058-48			87
		5'	59"	2 * <u>X</u> 2058-60			101
		6'	68-1/2"	2 * <u>X</u> 2058-72			114
		7'	78"	2 * <u>X</u> 2058-84			130
		8'	96-3/4"	2 * <u>X</u> 2058-96			144
		9'	106-1/4"	2 * <u>X</u> 2058-108			171
		10'	115-1/2"	2 * <u>X</u> 2058-120			184
		11'	134-1/2"	2 * <u>X</u> 2058-132			198
		12'	143-3/4"	2 * <u>X</u> 2058-144			212
		13'	153-1/4"	2 * <u>X</u> 2058-156			225
		14'	162-3/4"	2 * <u>X</u> 2058-168			258
		15'	181-1/2"	2 * <u>X</u> 2058-180			267
		16'	191"	2 * <u>X</u> 2058-192			281
	3-Rail	3-1/2'	40-1/4"	2 * <u>X</u> 3058-42			84
		4'	49-1/2"	2 * <u>X</u> 3058-48			100
		5'	59"	2 * <u>X</u> 3058-60			116
		6'	68-1/2"	2 * <u>X</u> 3058-72			132
		7'	78"	2 * <u>X</u> 3058-84			150
		8'	96-3/4"	2 * <u>X</u> 3058-96			166
		9'	106-1/4"	2 * <u>X</u> 3058-108			198
		10'	115-1/2"	2 * <u>X</u> 3058-120			214
		11'	134-1/2"	2 * <u>X</u> 3058-132			230
		12'	143-3/4"	2 * <u>X</u> 3058-144			246
		13'	153-1/4"	2 * <u>X</u> 3058-156			262
		14'	162-3/4"	2 * <u>X</u> 3058-168			302
		15'	181-1/2"	2 * <u>X</u> 3058-180			311
		16'	191"	2 * <u>X</u> 3058-192			327
	3-Rail (With Rings)	3-1/2'	40-1/4"	2 * <u>X</u> 3058-42R			88
		4'	49-1/2"	2 * <u>X</u> 3058-48R			106
		5'	59"	2 * <u>X</u> 3058-60R			123
		6'	68-1/2"	2 * <u>X</u> 3058-72R			139
		7'	78"	2 * <u>X</u> 3058-84R			160
		8'	96-3/4"	2 * <u>X</u> 3058-96R			177
		9'	106-1/4"	2 * <u>X</u> 3058-108R			208
		10'	115-1/2"	2 * <u>X</u> 3058-120R			225
		11'	134-1/2"	2 * <u>X</u> 3058-132R			253
		12'	143-3/4"	2 * <u>X</u> 3058-144R			270
		13'	153-1/4"	2 * <u>X</u> 3058-156R			288
		14'	162-3/4"	2 * <u>X</u> 3058-168R			320
		15'	181-1/2"	2 * <u>X</u> 3058-180R			350
		16'	191"	2 * <u>X</u> 3058-192R			381

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GATE HEIGHT	RAIL QTY.	NOMINAL GATE OPENING	ACTUAL GATE LEAF WIDTH	ITEM NUMBER	CATALOG PRICE (BLACK)	CATALOG PRICE (COLOR)	GATE WEIGHT
6' Tall		3-1/2'	40-1/4"	2 * <u>X</u> 2070-42			84
		4'	49-1/2"	2 * <u>X</u> 2070-48			99
		5'	59"	2 * <u>X</u> 2070-60			115
		6'	68-1/2"	2 * <u>X</u> 2070-72			130
		7'	78"	2 * <u>X</u> 2070-84			147
		8'	96-3/4"	2 * <u>X</u> 2070-96			163
		9'	106-1/4"	2 * <u>X</u> 2070-108			194
		10'	115-1/2"	2 * <u>X</u> 2070-120			209
		11'	134-1/2"	2 * <u>X</u> 2070-132			225
		12'	143-3/4"	2 * <u>X</u> 2070-144			252
		13'	153-1/4"	2 * <u>X</u> 2070-156			255
		14'	162-3/4"	2 * <u>X</u> 2070-168			292
		15'	181-1/2"	2 * <u>X</u> 2070-180			303
		16'	191"	2 * <u>X</u> 2070-192			324
		3-1/2'	40-1/4"	2 * <u>X</u> 3070-42			94
		4'	49-1/2"	2 * <u>X</u> 3070-48			112
		5'	59"	2 * <u>X</u> 3070-60			130
		6'	68-1/2"	2 * <u>X</u> 3070-72			147
		7'	78"	2 * <u>X</u> 3070-84			167
		8'	96-3/4"	2 * <u>X</u> 3070-96			185
		9'	106-1/4"	2 * <u>X</u> 3070-108			221
		10'	115-1/2"	2 * <u>X</u> 3070-120			239
		11'	134-1/2"	2 * <u>X</u> 3070-132			256
		12'	143-3/4"	2 * <u>X</u> 3070-144			286
		13'	153-1/4"	2 * <u>X</u> 3070-156			292
		14'	162-3/4"	2 * <u>X</u> 3070-168			336
		15'	181-1/2"	2 * <u>X</u> 3070-180			347
		16'	191"	2 * <u>X</u> 3070-192			370
		3-1/2'	40-1/4"	2 * <u>X</u> 3070-42R			98
		4'	49-1/2"	2 * <u>X</u> 3070-48R			118
		5'	59"	2 * <u>X</u> 3070-60R			137
		6'	68-1/2"	2 * <u>X</u> 3070-72R			155
		7'	78"	2 * <u>X</u> 3070-84R			177
		8'	96-3/4"	2 * <u>X</u> 3070-96R			196
		9'	106-1/4"	2 * <u>X</u> 3070-108R			230
		10'	115-1/2"	2 * <u>X</u> 3070-120R			249
		11'	134-1/2"	2 * <u>X</u> 3070-132R			280
		12'	143-3/4"	2 * <u>X</u> 3070-144R			299
		13'	153-1/4"	2 * <u>X</u> 3070-156R			319
		14'	162-3/4"	2 * <u>X</u> 3070-168R			353
		15'	181-1/2"	2 * <u>X</u> 3070-180R			372
		16'	191"	2 * <u>X</u> 3070-192R			428

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GATE HEIGHT	RAIL QTY.	NOMINAL GATE OPENING	ACTUAL GATE LEAF WIDTH	ITEM NUMBER	CATALOG PRICE (BLACK)	CATALOG PRICE (COLOR)	GATE WEIGHT
7' Tall	2-Rail	3-1/2'	40-1/4"	2 * <u>X</u> 2082-42			94
		4'	49-1/2"	2 * <u>X</u> 2082-48			111
		5'	59"	2 * <u>X</u> 2082-60			128
		6'	68-1/2"	2 * <u>X</u> 2082-72			146
		7'	78"	2 * <u>X</u> 2082-84			165
		8'	96-3/4"	2 * <u>X</u> 2082-96			182
		9'	106-1/4"	2 * <u>X</u> 2082-108			217
		10'	115-1/2"	2 * <u>X</u> 2082-120			234
		11'	134-1/2"	2 * <u>X</u> 2082-132			251
		12'	143-3/4"	2 * <u>X</u> 2082-144			268
		13'	153-1/4"	2 * <u>X</u> 2082-156			286
		14'	162-3/4"	2 * <u>X</u> 2082-168			370
		15'	181-1/2"	2 * <u>X</u> 2082-180			344
		16'	191"	2 * <u>X</u> 2082-192			356
	3-Rail	3-1/2'	40-1/4"	2 * <u>X</u> 3082-42			104
		4'	49-1/2"	2 * <u>X</u> 3082-48			124
		5'	59"	2 * <u>X</u> 3082-60			143
		6'	68-1/2"	2 * <u>X</u> 3082-72			163
		7'	78"	2 * <u>X</u> 3082-84			185
		8'	96-3/4"	2 * <u>X</u> 3082-96			204
		9'	106-1/4"	2 * <u>X</u> 3082-108			244
		10'	115-1/2"	2 * <u>X</u> 3082-120			263
		11'	134-1/2"	2 * <u>X</u> 3082-132			283
		12'	143-3/4"	2 * <u>X</u> 3082-144			303
		13'	153-1/4"	2 * <u>X</u> 3082-156			322
		14'	162-3/4"	2 * <u>X</u> 3082-168			370
		15'	181-1/2"	2 * <u>X</u> 3082-180			382
		16'	191"	2 * <u>X</u> 3082-192			402
	3-Rail (With Rings)	3-1/2'	40-1/4"	2 * <u>X</u> 3082-42R			108
		4'	49-1/2"	2 * <u>X</u> 3082-48R			130
		5'	59"	2 * <u>X</u> 3082-60R			150
		6'	68-1/2"	2 * <u>X</u> 3082-72R			171
		7'	78"	2 * <u>X</u> 3082-84R			195
		8'	96-3/4"	2 * <u>X</u> 3082-96R			215
		9'	106-1/4"	2 * <u>X</u> 3082-108R			253
		10'	115-1/2"	2 * <u>X</u> 3082-120R			273
		11'	134-1/2"	2 * <u>X</u> 3082-132R			307
		12'	143-3/4"	2 * <u>X</u> 3082-144R			328
		13'	153-1/4"	2 * <u>X</u> 3082-156R			349
		14'	162-3/4"	2 * <u>X</u> 3082-168R			387
		15'	181-1/2"	2 * <u>X</u> 3082-180R			407
		16'	191"	2 * <u>X</u> 3082-192R			428

Custom gate dimensions are available upon request, but incur a 10% engineering charge based on the nearest larger standard gate leaf.

NOTE: Excludes Gate Hardware

Effective: 04/16/13

AEGIS II®

AMERISTAR®
FENCE PRODUCTS

STEEL WELDED GATES

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FAX: 1-877-926-3747

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Style Selection = * X = Color Selection

Classic = C B = Black

Majestic = M W = White

Genesis = G N = Bronze

S = Sand

GATE HEIGHT	RAIL QTY.	NOMINAL GATE OPENING	ACTUAL GATE LEAF WIDTH	ITEM NUMBER	CATALOG PRICE (BLACK)	CATALOG PRICE (COLOR)	GATE WEIGHT
8' Tall	2-Rail	3-1/2'	40-1/4"	2 * X 2094-42			104
		4'	49-1/2"	2 * X 2094-48			123
		5'	59"	2 * X 2094-60			142
		6'	68-1/2"	2 * X 2094-72			161
		7'	78"	2 * X 2094-84			182
		8'	96-3/4"	2 * X 2094-96			201
		9'	106-1/4"	2 * X 2094-108			240
		10'	115-1/2"	2 * X 2094-120			259
		11'	134-1/2"	2 * X 2094-132			278
		12'	143-3/4"	2 * X 2094-144			297
		13'	153-1/4"	2 * X 2094-156			330
		14'	162-3/4"	2 * X 2094-168			360
		15'	181-1/2"	2 * X 2094-180			374
		16'	191"	2 * X 2094-192			393
	3-Rail	3-1/2'	40-1/4"	2 * X 3094-42			114
		4'	49-1/2"	2 * X 3094-48			136
		5'	59"	2 * X 3094-60			157
		6'	68-1/2"	2 * X 3094-72			179
		7'	78"	2 * X 3094-84			202
		8'	96-3/4"	2 * X 3094-96			224
		9'	106-1/4"	2 * X 3094-108			267
		10'	115-1/2"	2 * X 3094-120			288
		11'	134-1/2"	2 * X 3094-132			310
		12'	143-3/4"	2 * X 3094-144			345
		13'	153-1/4"	2 * X 3094-156			352
		14'	162-3/4"	2 * X 3094-168			404
		15'	181-1/2"	2 * X 3094-180			418
		16'	191"	2 * X 3094-192			439
	3-Rail (With Rings)	3-1/2'	40-1/4"	2 * X 3094-42R			118
		4'	49-1/2"	2 * X 3094-48R			142
		5'	59"	2 * X 3094-60R			164
		6'	68-1/2"	2 * X 3094-72R			187
		7'	78"	2 * X 3094-84R			212
		8'	96-3/4"	2 * X 3094-96R			235
		9'	106-1/4"	2 * X 3094-108R			275
		10'	115-1/2"	2 * X 3094-120R			297
		11'	134-1/2"	2 * X 3094-132R			335
		12'	143-3/4"	2 * X 3094-144R			357
		13'	153-1/4"	2 * X 3094-156R			380
		14'	162-3/4"	2 * X 3094-168R			420
		15'	181-1/2"	2 * X 3094-180R			443
		16'	191"	2 * X 3094-192R			465

Custom gate dimensions are available upon request, but incur a 10% engineering charge based on the nearest larger standard gate leaf.

NOTE: Excludes Gate Hardware

Effective: 04/16/13

AEGIS II®



STEEL WELDED GATES

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Style Selection = $\frac{*}{-}$ $\frac{X}{-}$ = Color Selection Classic = C B = Black Majestic = M W = White Genesis = G N = Bronze S = Sand							
GATE HEIGHT	RAIL QTY.	NOMINAL GATE OPENING	ACTUAL GATE LEAF WIDTH	ITEM NUMBER	CATALOG PRICE (BLACK)	CATALOG PRICE (COLOR)	GATE WEIGHT
9' Tall	2-Rail	3-1/2'	40-1/4"	2 $\frac{*}{-}$ $\frac{X}{-}$ 2106-42			114
		4'	49-1/2"	2 $\frac{*}{-}$ $\frac{X}{-}$ 2106-48			135
		5'	59"	2 $\frac{*}{-}$ $\frac{X}{-}$ 2106-60			156
		6'	68-1/2"	2 $\frac{*}{-}$ $\frac{X}{-}$ 2106-72			177
		7'	78"	2 $\frac{*}{-}$ $\frac{X}{-}$ 2106-84			200
		8'	96-3/4"	2 $\frac{*}{-}$ $\frac{X}{-}$ 2106-96			221
	3-Rail	3-1/2'	40-1/4"	2 $\frac{*}{-}$ $\frac{X}{-}$ 3106-42			124
		4'	49-1/2"	2 $\frac{*}{-}$ $\frac{X}{-}$ 3106-48			148
		5'	59"	2 $\frac{*}{-}$ $\frac{X}{-}$ 3106-60			171
		6'	68-1/2"	2 $\frac{*}{-}$ $\frac{X}{-}$ 3106-72			194
		7'	78"	2 $\frac{*}{-}$ $\frac{X}{-}$ 3106-84			220
		8'	96-3/4"	2 $\frac{*}{-}$ $\frac{X}{-}$ 3106-96			243
	3-Rail (With Rings)	3-1/2'	40-1/4"	2 $\frac{*}{-}$ $\frac{X}{-}$ 3106-42R			128
		4'	49-1/2"	2 $\frac{*}{-}$ $\frac{X}{-}$ 3106-48R			154
		5'	59"	2 $\frac{*}{-}$ $\frac{X}{-}$ 3106-60R			178
		6'	68-1/2"	2 $\frac{*}{-}$ $\frac{X}{-}$ 3106-72R			202
		7'	78"	2 $\frac{*}{-}$ $\frac{X}{-}$ 3106-84R			230
		8'	96-3/4"	2 $\frac{*}{-}$ $\frac{X}{-}$ 3106-96R			254
10' Tall	2-Rail	3-1/2'	40-1/4"	2 $\frac{*}{-}$ $\frac{X}{-}$ 2118-42			124
		4'	49-1/2"	2 $\frac{*}{-}$ $\frac{X}{-}$ 2118-48			147
		5'	59"	2 $\frac{*}{-}$ $\frac{X}{-}$ 2118-60			170
		6'	68-1/2"	2 $\frac{*}{-}$ $\frac{X}{-}$ 2118-72			192
		7'	78"	2 $\frac{*}{-}$ $\frac{X}{-}$ 2118-84			217
		8'	96-3/4"	2 $\frac{*}{-}$ $\frac{X}{-}$ 2118-96			240
	3-Rail	3-1/2'	40-1/4"	2 $\frac{*}{-}$ $\frac{X}{-}$ 3118-42			134
		4'	49-1/2"	2 $\frac{*}{-}$ $\frac{X}{-}$ 3118-48			160
		5'	59"	2 $\frac{*}{-}$ $\frac{X}{-}$ 3118-60			185
		6'	68-1/2"	2 $\frac{*}{-}$ $\frac{X}{-}$ 3118-72			210
		7'	78"	2 $\frac{*}{-}$ $\frac{X}{-}$ 3118-84			237
		8'	96-3/4"	2 $\frac{*}{-}$ $\frac{X}{-}$ 3118-96			262
	3-Rail (With Rings)	3-1/2'	40-1/4"	2 $\frac{*}{-}$ $\frac{X}{-}$ 3118-42R			138
		4'	49-1/2"	2 $\frac{*}{-}$ $\frac{X}{-}$ 3118-48R			166
		5'	59"	2 $\frac{*}{-}$ $\frac{X}{-}$ 3118-60R			192
		6'	68-1/2"	2 $\frac{*}{-}$ $\frac{X}{-}$ 3118-72R			218
		7'	78"	2 $\frac{*}{-}$ $\frac{X}{-}$ 3118-84R			247
		8'	96-3/4"	2 $\frac{*}{-}$ $\frac{X}{-}$ 3118-96R			273

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NOTE: Excludes Gate Hardware

Effective: 04/16/13

AEGIS II®



AMERISTAR®
FENCE PRODUCTS

STEEL WELDED INVINCIBLE GATES

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Curved Picket Style Choices (Aegis II® Gate Leaves):

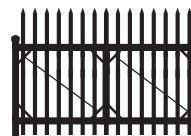
INVINCIBLE™



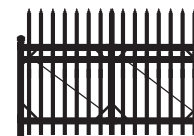
2-RAIL



3-RAIL



2-RAIL



3-RAIL

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.

X = Color Selection

B = Black

W = White

N = Bronze

S = Sand

GATE HEIGHT	RAIL QTY.	NOMINAL GATE OPENING	ACTUAL GATE LEAF WIDTH	ITEM NUMBER	CATALOG PRICE (BLACK)	CATALOG PRICE (COLOR)	GATE WEIGHT
7' Tall	2-Rail	3-1/2'	40"	2I <u>X</u> 2082-42			99
		4'	44-3/4"	2I <u>X</u> 2082-48			117
		5'	58-7/8"	2I <u>X</u> 2082-60			137
		6'	68-1/4"	2I <u>X</u> 2082-72			155
		7'	82-3/8"	2I <u>X</u> 2082-84			175
		8'	91-7/8"	2I <u>X</u> 2082-96			195
		9'	106"	2I <u>X</u> 2082-108			226
		10'	115-3/8"	2I <u>X</u> 2082-120			246
		11'	129-1/2"	2I <u>X</u> 2082-132			264
		12'	139"	2I <u>X</u> 2082-144			288
		13'	153-1/8"	2I <u>X</u> 2082-156			302
		14'	167-1/4"	2I <u>X</u> 2082-168			334
		15'	176-3/4"	2I <u>X</u> 2082-180			355
		16'	190-7/8"	2I <u>X</u> 2082-192			368
	3-Rail	3-1/2'	40"	2I <u>X</u> 3082-42			110
		4'	44-3/4"	2I <u>X</u> 3082-48			137
		5'	58-7/8"	2I <u>X</u> 3082-60			160
		6'	68-1/4"	2I <u>X</u> 3082-72			181
		7'	82-3/8"	2I <u>X</u> 3082-84			197
		8'	91-7/8"	2I <u>X</u> 3082-96			221
		9'	106"	2I <u>X</u> 3082-108			261
		10'	115-3/8"	2I <u>X</u> 3082-120			285
		11'	129-1/2"	2I <u>X</u> 3082-132			305
		12'	139"	2I <u>X</u> 3082-144			320
		13'	153-1/8"	2I <u>X</u> 3082-156			349
		14'	167-1/4"	2I <u>X</u> 3082-168			390
		15'	176-3/4"	2I <u>X</u> 3082-180			401
		16'	190-7/8"	2I <u>X</u> 3082-192			414

Note: Gate Hardware is not included. Available Gate Hardware Kits are located in the Ornamental Gate Hardware Section.

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Effective: 04/16/13

AEGIS II®


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STEEL WELDED INVINCIBLE GATES

X = Color Selection B = Black W = White N = Bronze S = Sand							
GATE HEIGHT	RAIL QTY.	NOMINAL GATE OPENING	ACTUAL GATE LEAF WIDTH	ITEM NUMBER	CATALOG PRICE (BLACK)	CATALOG PRICE (COLOR)	GATE WEIGHT
8' Tall	2-Rail	3-1/2'	40"	2I <u>X</u> 2094-42			111
		4'	44-3/4"	2I <u>X</u> 2094-48			138
		5'	58-7/8"	2I <u>X</u> 2094-60			153
		6'	68-1/4"	2I <u>X</u> 2094-72			173
		7'	82-3/8"	2I <u>X</u> 2094-84			195
		8'	91-7/8"	2I <u>X</u> 2094-96			225
		9'	106"	2I <u>X</u> 2094-108			262
		10'	115-3/8"	2I <u>X</u> 2094-120			289
		11'	129-1/2"	2I <u>X</u> 2094-132			295
		12'	139"	2I <u>X</u> 2094-144			315
		13'	153-1/8"	2I <u>X</u> 2094-156			338
		14'	167-1/4"	2I <u>X</u> 2094-168			374
		15'	176-3/4"	2I <u>X</u> 2094-180			396
		16'	190-7/8"	2I <u>X</u> 2094-192			412
	3-Rail	3-1/2'	40"	2I <u>X</u> 3094-42			129
		4'	44-3/4"	2I <u>X</u> 3094-48			151
		5'	58-7/8"	2I <u>X</u> 3094-60			177
		6'	68-1/4"	2I <u>X</u> 3094-72			200
		7'	82-3/8"	2I <u>X</u> 3094-84			217
		8'	91-7/8"	2I <u>X</u> 3094-96			250
		9'	106"	2I <u>X</u> 3094-108			281
		10'	115-3/8"	2I <u>X</u> 3094-120			315
		11'	129-1/2"	2I <u>X</u> 3094-132			329
		12'	139"	2I <u>X</u> 3094-144			353
		13'	153-1/8"	2I <u>X</u> 3094-156			386
		14'	167-1/4"	2I <u>X</u> 3094-168			416
		15'	176-3/4"	2I <u>X</u> 3094-180			442
		16'	190-7/8"	2I <u>X</u> 3094-192			466

Note: Gate Hardware is not included. Available Gate Hardware Kits are located in the Ornamental Gate Hardware Section.

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Effective: 04/16/13

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STEEL WELDED INVINCIBLE GATES

X = Color Selection**B** = Black**W** = White**N** = Bronze**S** = Sand

GATE HEIGHT	RAIL QTY.	NOMINAL GATE OPENING	ACTUAL GATE LEAF WIDTH	ITEM NUMBER	CATALOG PRICE (BLACK)	CATALOG PRICE (COLOR)	GATE WEIGHT
9' Tall	2-Rail	3-1/2'	40"	21 <u>X</u> 2106-42			119
		4'	44-3/4"	21 <u>X</u> 2106-48			141
		5'	58-7/8"	21 <u>X</u> 2106-60			165
		6'	68-1/4"	21 <u>X</u> 2106-72			186
		7'	82-3/8"	21 <u>X</u> 2106-84			210
		8'	91-7/8"	21 <u>X</u> 2106-96			234
	3-Rail	3-1/2'	40"	21 <u>X</u> 3106-42			139
		4'	44-3/4"	21 <u>X</u> 3106-48			154
		5'	58-7/8"	21 <u>X</u> 3106-60			182
		6'	68-1/4"	21 <u>X</u> 3106-72			206
		7'	82-3/8"	21 <u>X</u> 3106-84			232
		8'	91-7/8"	21 <u>X</u> 3106-96			259
10' Tall	2-Rail	3-1/2'	40"	21 <u>X</u> 2118-42			130
		4'	44-3/4"	21 <u>X</u> 2118-48			162
		5'	58-7/8"	21 <u>X</u> 2118-60			179
		6'	68-1/4"	21 <u>X</u> 2118-72			202
		7'	82-3/8"	21 <u>X</u> 2118-84			227
		8'	91-7/8"	21 <u>X</u> 2118-96			262
	3-Rail	3-1/2'	40"	21 <u>X</u> 3118-42			141
		4'	44-3/4"	21 <u>X</u> 3118-48			175
		5'	58-7/8"	21 <u>X</u> 3118-60			205
		6'	68-1/4"	21 <u>X</u> 3118-72			222
		7'	82-3/8"	21 <u>X</u> 3118-84			249
		8'	91-7/8"	21 <u>X</u> 3118-96			279

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