

STEEL SPECIFICATIONS



	AMARR CARRIAGE COURT CC4000	AMARR CLASSICA CL1000	AMARR CLASSICA CL2000	AMARR CLASSICA CL3000	AMARR OAK SUMMIT OS1000	AMARR OAK SUMMIT OS2000	AMARR HILLCREST HI1000	AMARR HILLCREST HI2000	AMARR HILLCREST HI3138	AMARR HILLCREST HI3000	AMARR DESIGNER'S CHOICE DC3138	AMARR DESIGNER'S CHOICE DC3200	AMARR HERITAGE HR1000	AMARR HERITAGE HR2000	AMARR HERITAGE HR3000	AMARR STRATFORD ST1000	AMARR STRATFORD ST2000	AMARR LINCOLN LI1000	AMARR LINCOLN LI2000	AMARR LINCOLN LI3138	AMARR LINCOLN LI3000	AMARR OLYMPUS OL3138	AMARR OLYMPUS OL3200	
PANEL DESIGNS (Safe Guard)		✓	✓	✓	✓	✓							✓	✓	✓	✓	✓							
Short													•	•	•	•	•	•	•	•	•	•	•	•
Long													•	•	•	•	•	•	•	•	•	•	•	•
Flush															• ⁶	• ⁶	• ⁶	• ⁶	• ⁶	•	•	•	•	•
Ribbed															•					•	•	•	•	•
Carriage House	18 Designs	7 Designs	7 Designs	7 Designs	4 Designs	4 Designs	4 Designs	4 Designs	4 Designs	4 Designs	1 Design	4 Designs	4 Designs	4 Designs	4 Designs									
CONSTRUCTION LAYERS	4	1	2	3	1	2	1	2	3	3	3	3	1	2	3	1	2	1	2	3	3	3	3	3
Steel		•			•		•						•			•		•						
Steel + Insulation			•			•		•						•			•		•					
Steel + Insulation + Steel				•					•	•	•	•			•									•
Overlay + Steel + Insulation + Steel	•																							
DOOR THICKNESS	2" (5.1cm)	2" (5.1cm)	2" (5.1cm)	2" (5.1cm)	2" (5.1cm)	2" (5.1cm)	2" (5.1cm)	2" (5.1cm)	1-3/8" (3.5cm)	2" (5.1cm)	1-3/8" (3.5cm)	2" (5.1cm)	2" (5.1cm)	2" (5.1cm)	2" (5.1cm)	2" (5.1cm)	2" (5.1cm)	2" (5.1cm)	2" (5.1cm)	1-3/8" (3.5cm)	2" (5.1cm)	1-3/8" (3.5cm)	2" (5.1cm)	2" (5.1cm)
INSULATION	Polystyrene ¹		Polystyrene ¹	Polyurethane		Polystyrene ¹		Polystyrene ¹	Polystyrene ¹	Polystyrene ¹	Polyurethane	Polyurethane		Polystyrene ¹	Polystyrene ¹		Polystyrene ¹		Polystyrene ¹	Polystyrene ¹	Polystyrene ¹	Polyurethane	Polyurethane	
R-VALUE²	6.48		6.64	13.35		6.64		6.64	6.48	9.05	14.46	19.40 ¹ /13.35 [†]		6.64	9.05		6.64		6.64	6.48	9.05	14.46	19.40 ¹ /13.35 [†]	
STEEL THICKNESS																								
Gauge (ga)	27/27 ga	24 ga	24 ga	25/27 ga	25 ga	25 ga	25 ga	25 ga	27/27 ga	27/27 ga	27/27 ga	27/27 ga	24 ga	24 ga	24/27 ga	25 ga	25 ga	25 ga	25 ga	27/27 ga	27/27 ga	27/27 ga	27/27 ga	27/27 ga
Gauge (mm)	0.42/0.42mm	0.61mm	0.61mm	0.53/0.42mm	0.53mm	0.53mm	0.53mm	0.53mm	0.42/0.42mm	0.42/0.42mm	0.42/0.42mm	0.42/0.42mm	0.61mm	0.61mm	0.61/0.42mm	0.53mm	0.53mm	0.53mm	0.53mm	0.42/0.42mm	0.42/0.42mm	0.42/0.42mm	0.42/0.42mm	0.42/0.42mm
WOODGRAIN EXTERIOR TEXTURE	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
GALVANIZED END STILES		•	•		•	•	•	•								•	•	•	•					
PAINTED END STILES	•			•					•	•	•	•	•	•	•	•	•	•	•			•	•	•
THERMAL SEAL											•	•			•							•	•	•
BOTTOM WEATHER SEAL																								
Steel Retainer		•	•	•	•	•	•	•			•	•				•	•	•	•					•
Aluminum Retainer	•																							•
Extruded Vinyl									•	•	•	•												•
Coextruded Retainer/Seal									•															•
DECORATIVE WINDOW OPTIONS	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
WINDOW GLASS OPTIONS																								
3/32" (0.24cm) Single Strength					3/32"	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
1/8" (0.32cm) Tempered 2X Strength	•	•	•	•																				
Insulated (Clear, Frost & Dark Tint)	Clear only			•					•	•	•	•										•	•	•
Obscure	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Frost	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Dark Tint				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
DECORATIVE HARDWARE OPTIONS	•	•	•	•	•	•	•	•	•	•	•	•	• ⁷	• ⁷	• ⁷									
EXTERIOR COLOR OPTIONS																								
True White (TW)	• ³	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Almond (AL)	• ³	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Wicker Tan (WK)	• ³	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Sandtone (ST)	• ³	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Terratone (TT)		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Dark Brown (DN)		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Hunter Green (HG)									•															•
Gray (GY)									•															•
Charcoal Gray (EF)		•	•	•			•	•	•	•	•	•							•	•	•	•	•	•
Black (BL)		•	•	•			• ⁶	• ⁶	• ⁶	• ⁶	•	•							• ⁶	• ⁶	• ⁶	• ⁶	• ⁶	•
Golden Oak (OK)		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Walnut (NT)		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Mahogany (MY)		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
WIND LOAD⁴ AVAILABLE	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
PAINT FINISH WARRANTY⁵	Lifetime	Lifetime	Lifetime	Lifetime	15 Years	25 Years	15 Years	25 Years	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	15 Years	25 Years	15 Years	25 Years	Lifetime	Lifetime	Lifetime	Lifetime
WORKMANSHIP/HARDWARE WTY⁵	5 Years	3 Years	5 Years	Lifetime	1 Year	2 Years	1 Year	2 Years	3 Years	3 Years	5 Years	Lifetime	3 Years	5 Years	Lifetime	1 Year	2 Years	1 Year	2 Years	3 Years	3 Years	5 Years	Lifetime	Lifetime



¹ Insulation on Amarr brand doors has passed self-ignition, flamespread, and smoke developed index fire testing.

² Calculated door section R-value is in accordance with DASMA TDS-163.

³ True White Bead Board only. Based on independent laboratory test results.

⁴ All panels and colors except True White Bead Board.

⁵ True White Short and Flush panel designs only. Based on independent laboratory test results.

⁶ All panels and colors except True White Short and Flush panel designs.

⁷ With White Overlay.

⁸ It is your responsibility to make sure your garage door meets local building codes.

⁹ For complete warranty details, visit amarr.com or contact your local Amarr dealer.

¹⁰ Flush Panel design has Stucco texture.

¹¹ Available for Carriage House designs only.

¹² Available Fall 2019

NOTE: Optional door locks and various heights and widths are available thru your local garage door dealer.

WOOD SPECIFICATIONS

	AMARR® BY DESIGN AD4000
PANEL DESIGNS	
Carriage House	Unlimited Designs
CONSTRUCTION*	
Wood + Insulation + Wood	•
DOOR THICKNESS	3" (7.6cm)
WOOD BASEPLY OPTIONS	
5/8" MDO Plywood (paint grade only)	•
1/2" Marine Grade Plywood	•
5/8" Incense Cedar	•
5/8" Clear Vertical Grain Cedar	•
5/8" Red Grandis	•
5/8" Mahogany	•
Other materials available upon request	•
TRIM OVERLAY OPTIONS	
5/8" Moisture-and Rot-resistant	•
Extrira Exterior Panel (paint grade only)	•
5/8" Incense Cedar	•
5/8" Clear Vertical Grain Cedar	•
5/8" Red Grandis	•
5/8" Mahogany	•
Other materials available upon request	•
OPTIONAL WOOD DISTRESSING	
	•
SECTION HEIGHT OPTIONS	18", 21", 28" or 32"
POLYSTYRENE INSULATION (1-3/8" thick)	•
R-VALUE	9.0
BOTTOM WEATHERSEAL	•
DECORATIVE WINDOW OPTIONS	
1/8" (0.32cm) Double Strength	•
Insulated	•
OPTIONAL DECORATIVE HARDWARE	
	•
WIND LOAD¹ AVAILABLE*	•
FIRE RATED DOORS AVAILABLE²	•
SECTION WARRANTY³	1 Year

¹ It is your responsibility to make sure your garage door meets local building codes. ² Optional: Special-designed doors meet guidelines for CA Building Codes for use in Wildlife Urban Interface (WUI). Fire-rated doors with insulated and tempered glass windows available. ³ For complete warranty details, visit amarr.com or contact your local Amarr dealer.

* Optional: Wood-on-steel section construction is available. Some wind load pressures may require wood-on-steel section construction. Doors are shipped natural. Priming is available for paint grade doors. All doors require finishing on all six (6) sides of each section within two days of receipt of door(s) and prior to installation. Visit amarr.com for finishing recommendations.

HARDWARE SPECIFICATIONS

TRACK: 2" industrial grade galvanized .083 horizontal and vertical track. Standard lift 25C-15" radius or 2LC-6" low headroom clearance. For doors over 650 lbs, 3" track.

HINGES: Up to 12': Single-end 11ga graduated galvanized. 12' and over: Double-end 11ga graduated galvanized.

ROLLERS: 2" nylon 10-ball bearing commercial rollers (short stem for up to 12'; long stem for 12' and over).

STRUTS: 3" galvanized struts

COUNTER BALANCE: 10,000 cycle torsion springs, cast aluminum cable drums, 1" diameter 11ga torsion tube. For doors over 650 lbs, solid core steel shaft and coupler if exceeding 151" in length.

FASTENERS: Cadmium plated fasteners (standard) for on-door hardware and securing tracks to jambs. All hinge fasteners are factory installed with concealed bolt heads (under the trim overlay).

OPERATION: Manual push-up. No lock assembly is supplied. Electric openers with 3/4 hp recommended for best possible operation.

Doors available in various heights and widths.

Hardware specifications are consistent with doors not exceeding 18' wide and 10' high.

Requirements escalate with door size and weight and have limitations.

Contact your local Amarr dealer for specific details.

SPECIALTY SPECIFICATIONS

ALUMINUM	AMARR VISTA V11000
FRAME CONSTRUCTION	2" thick aluminum
SECTION HEIGHTS	21" and 24"; 18" for odd height doors
CLEARVIEW STRUT SYSTEM	Only required for doors ≥16'
GLASS OPTIONS	
Transparent	Clear, Obscure, ThermoPro Low-E
Tint	Gray, Greylite, Bronze, Green
Opaque	Frost, Snow, Whiteout, Black Ice
PANEL OPTIONS	Full View, Aluminum, Insulated Aluminum, Louvered, Perforated
FINISH OPTIONS	
Anodize	Clear, Champagne, Copper, Medium Bronze, Dark Bronze, Black
Paint ³	26 standard PVDF colors, 21 standard Powder Coat colors, RAL and custom colors in both PVDF and Powder Coat
Mill	Perforated panel only
WIND LOAD¹ AVAILABLE	•
FINISH WARRANTY²	5 Years
WORKMANSHIP/HARDWARE WARRANTY²	5 Years

¹ It is your responsibility to make sure your garage door meets local building codes. ² For complete warranty details, visit amarr.com or contact your local Amarr dealer. ³ For complete color availability visit amarr.com

ALUMINUM	AMARR HORIZON H01000
FRAME CONSTRUCTION	2" thick aluminum
SECTION HEIGHTS	Varies by door height
CLEARVIEW STRUT SYSTEM	Only required for doors ≥16'
GLASS OPTIONS	
Transparent	Clear, Obscure, ThermoPro Low-E
Tint	Gray, Greylite, Bronze, Green
Opaque	Frost, Snow, Whiteout
FINISH OPTIONS	
Anodize	Clear, Champagne, Copper, Medium Bronze, Dark Bronze, Black
Paint ³	26 standard PVDF colors, 21 standard Powder Coat colors, RAL and custom colors in both PVDF and Powder Coat
WIND LOAD¹ AVAILABLE	NA
FINISH WARRANTY²	5 Years
WORKMANSHIP/HARDWARE WARRANTY²	5 Years

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