



A Comparison of Pergola Styles

Pergola Kit	Big Kahuna	Big Kahuna Solar Ready	Sombrero	Melbourne	Peak Timber Frame Pergola	Fedora	Brim	Visor
Description	Classic pergola design, built for maximum sun coverage and engineered for extreme weather conditions	Our Big Kahuna design, engineered for solar panel mounting	Our Big Kahuna design, built for medium sun coverage	Based on our Big Kahuna & Sombrero, built with open top design	Built using heavy hand-cut timbers and traditional woodworking techniques including mortised joinery and wood pegs	Classic pergola style, with a more open design, taller/un-notched roofing system	Wooden trellis like design, perfect as a patio or walkway border, for hanging plants or lighting	Wooden awning, enhances and provides shade above a window or door opening
Sizes (Measured Rafter x Beam length); Rafter=overall projection, Beam=overall width of pergola	8'x8' to 20'x20' & custom sizes; standard 18" overhang beyond posts on all sides	8'x8' to 20'x20' & custom sizes; standard 18" overhang beyond posts on all sides	8'x8' to 20'x20' & custom sizes; standard 18" overhang beyond posts on all sides	8'x8' to 20'x20' & custom sizes; standard 18" overhang beyond posts on all sides	12'x12' to 30'x30' & custom sizes; joists (rafters) and beams extend 1'8" outside posts	8'x8' to 20'x20' & custom sizes; standard 18" overhang beyond posts on all sides	Standard Lengths of 8', 10', 12', 14', 16', 18', 20' & custom sizes; standard 18" overhang beyond posts on all sides	Standard Lengths of 6', 8', 10', 12', 14', 16', 18', 20' & custom sizes
Freestanding or Attached to a Wall (Concrete or wood frame attachment)	Freestanding & attached options; attached versions provided with ledger board & hardware	Freestanding & attached options; attached versions provided with ledger board & hardware	Freestanding & attached options; attached versions provided with ledger board & hardware	Freestanding & attached options; attached versions provided with ledger board & hardware	Freestanding; attached quoted upon request	Freestanding & attached options; attached versions provided with ledger board & hardware	Freestanding only	Attached only, provided with attachment hardware

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Wood Type	Rough sawn Western Red Cedar, and Pressure Treated #1 grade Southern Yellow Pine (treated with CA-C for ground contact)	Rough sawn Western Red Cedar, and Pressure Treated #1 grade Southern Yellow Pine (treated with CA-C for ground contact)	Rough sawn Western Red Cedar, and Pressure Treated #1 grade Southern Yellow Pine (treated with CA-C for ground contact)	Rough sawn Western Red Cedar, and Pressure Treated #1 grade Southern Yellow Pine (treated with CA-C for ground contact)	Western Red Cedar (S4S); Alaskan Yellow Cedar (smooth); Southern Yellow Pine (kiln dried after pressure treatment to ground contact). Choose from 3 standard finish options + custom.	Rough sawn Western Red Cedar, and Pressure Treated #1 grade Southern Yellow Pine (treated with CA-C for ground contact)	Rough sawn Western Red Cedar, and Pressure Treated #1 grade Southern Yellow Pine (treated with CA-C for ground contact)	Rough sawn Western Red Cedar, and Pressure Treated #1 grade Southern Yellow Pine (treated with CA-C for ground contact)
Posts	Standard 6'x6' posts in 8', 10' and 12' lengths and custom sizes; notched and pre-drilled for beam attachment	Standard 6'x6' posts in 8', 10' and 12' lengths and custom sizes; notched and pre-drilled for beam attachment; reinforced at base with 2"x6" on two sides	Standard 6'x6' posts in 8', 10' and 12' lengths and custom sizes; notched and pre-drilled for beam attachment	Standard 6'x6' posts in 8', 10' and 12' lengths and custom sizes; notched and pre-drilled for beam attachment	Standard 8'x8'; post length 9' to bottom of beam; all timbers are dressed down by 1/2"	Standard 6'x6' posts in 10' and 12' lengths and custom sizes; notched and pre-drilled for beam attachment	Standard 6'x6' posts in 10' and 12' lengths and custom sizes; notched and pre-drilled for beam attachment	N/A – Visor is attached to the wall
Post Mounting Method	Buried in or mounted on top of concrete slab or footer; galvanized steel post mounting hardware and anchor bolts, provided when mounting on concrete slab or footer	Buried in or mounted on top of concrete footer; galvanized steel post mounting hardware and anchor bolts, provided when mounting on concrete footer	Buried in or mounted on top of concrete slab or footer; galvanized steel post mounting hardware and anchor bolts, provided when mounting on concrete slab or footer	Buried in or mounted on top of concrete slab or footer; galvanized steel post mounting hardware and anchor bolts, provided when mounting on concrete slab or footer	Mounted using Simpson or custom bases	Buried in or mounted on top of concrete slab or footer; galvanized steel post mounting hardware and anchor bolts, provided when mounting on concrete slab or footer	Buried in concrete footer	N/A

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Beams	Standard double 2"x8" beam assembly (four beams for freestanding and two for attached), up to 20' lengths for each span, cut and pre-drilled; available 2"x10"	Standard double 2"x10" beam assembly (four beams for freestanding and two for attached), up to 20' lengths for each span; cut and pre-drilled	Standard double 2"x8" beam assembly (four beams for freestanding and two for attached), up to 20' lengths for each span, cut and pre-drilled; available 2"x10"	Standard double 2"x8" beam assembly (four beams for freestanding and two for attached), up to 20' lengths for each span, cut and pre-drilled; available 2"x10"	Standard single 8"x8" beam assembly up to 21' lengths for each span; all timbers are dressed down by 1/2"	Standard double 2"x8" beam assembly (four beams for freestanding and two for attached), up to 20' lengths for each span, cut and pre-drilled; available 2"x10"	Standard double 2"x8" beam assembly, up to 20' lengths for each span, cut and pre-drilled	Standard double 2"x8" beams extend perpendicular to the wall; cut and pre-drilled
Rafters (Joists)	Standard 2"x8" rafters, notched for attachment to beams (and ledger board for attached versions), up to 20' lengths for each span, cut and pre-drilled; spaced 12" apart between posts	Standard 2"x8" rafters, notched for attachment to beams (and ledger board for attached versions), up to 20' lengths for each span, cut and pre-drilled; spaced 12" apart between posts	Standard 2"x8" rafters, notched for attachment to beams (and ledger board for attached versions), up to 20' lengths for each span, cut and pre-drilled; spaced 24" apart between posts	Standard 2"x8" rafters, notched for attachment to beams (and ledger board for attached versions), up to 20' lengths for each span, cut and pre-drilled	Standard 6"x6" rafters, notched for attachment to beams, up to 21' lengths for each span, placed min 18" on center; all timbers are dressed down by 1/2"	Standard un-notched 2"x8" rafters, up to 20' lengths for each span, cut and pre-drilled; 3-4 sets of two depending on size; outer sets mounted to posts, inner sets toe-nail screwed to beams	Standard 2"x6" notched for attachment over beams, cut and pre-drilled	Standard 2"x6" running parallel to wall; cut and pre-drilled
Top Slats (Purlins)	Standard 2"x2" top slats, running perpendicular to rafters, length measures 3' less than beam (even with outside of posts), spaced 6" apart between rafters	Standard 2"x2" top slats, running perpendicular to rafters, length measures 3' less than beam (even with outside of posts), spaced 6" apart between rafters. (2) 2"x8" solar panel bearing boards replace two or more top slats for solar panel mounting	Standard 2"x2" top slats, running perpendicular to rafters, length measures 3' less than beam (even with outside of posts), spaced 12" apart between rafters	N/A	Standard 3"x3" purlins (top slats) dressed down 1/2", running perpendicular to rafters, placed 10" on center	Standard 2"x2" top slats, running perpendicular to rafters, length measures 3' less than beam (even with outside of posts), 8 or 10 slats (depending upon size) spaced in sets of 2 or as desired	N/A	Standard 2"x2" top slats, running perpendicular to wall

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Angle Braces (Knee Braces)	Standard 2"x6"x3' with decorative cut; two per post	Standard 2"x6"x3' with decorative cut; two per post	Standard 2"x6"x3' with decorative cut; two per post	Standard 2"x6"x3' with decorative cut; two per post	Standard 4"x6"; 4 per post; all timbers are dressed down by 1/2"	Standard 2"x6"x3' with decorative cut; two per post	N/A	Standard 2"x6"x3' with decorative cut
Hardware	Stainless steel bolts, nuts and washers for beam to post attachment; stainless steel screws 6" for rafter to beam (and ledger for attached version) and 3" for top slat and angle brace attachment; stainless steel ledger bolts or lag screws (wood frame) for ledger attachment; rebar for concrete footer reinforcement; star head bits for screws	Stainless steel bolts, nuts and washers for beam to post attachment; stainless steel screws 6" for rafter to beam (and ledger for attached version) and 3" for top slat and angle brace attachment; stainless steel ledger bolts or lag screws (wood frame) for ledger attachment; rebar for concrete footer reinforcement; lag screws for bearing board attachment; star head bits for screws	Stainless steel bolts, nuts and washers for beam to post attachment; stainless steel screws 6" for rafter to beam (and ledger for attached version) and 3" for top slat and angle brace attachment; stainless steel ledger bolts or lag screws (wood frame) for ledger attachment; rebar for concrete footer reinforcement; star head bits for screws	Stainless steel bolts, nuts and washers for beam to post attachment; stainless steel screws 6" for rafter to beam (and ledger for attached version) and 3" for angle brace attachment; stainless steel ledger bolts or lag screws (wood frame) for ledger attachment; rebar for concrete footer reinforcement; star head bits for screws	Wood pegs + stainless steel hardware as needed based on order	Stainless steel bolts, nuts and washers for beam to post attachment; 3" stainless steel screws for rafter to beam (and ledger for attached version) and for top slat and angle brace attachment; stainless steel ledger bolts or lag screws (wood frame) for ledger attachment; rebar for concrete footer reinforcement; star drive bit for screws	Stainless steel bolts, nuts and washers for beam to post attachment; 3" stainless steel screws for rafter to beam attachment; star drive bit for screws	Stainless steel bolts, nuts and washers; stainless steel 3" screws; star drive bit for screws
End Cuts	Choice of 5 different standard end shape cuts for ends of beams and rafters; top slats standard with diagonal end cut	Choice of 5 different standard end shape cuts for ends of beams and rafters; top slats standard with diagonal end cut	Choice of 5 different standard end shape cuts for ends of beams and rafters; top slats standard with diagonal end cut	Choice of 5 different standard end shape cuts for ends of beams and rafters	Choice of 5 different standard end shape cuts for ends of beams and rafters	Choice of 5 different standard end shape cuts for ends of beams and rafters; top slats standard with diagonal end cut	Choice of 5 different standard end shape cuts for ends of beams; rafters standard with diagonal end cut	Choice of 5 different standard end shape cuts for ends of beams and rafters; top slats standard with diagonal end cut