V3 Baluster Guardrail — 36" vs 42" at a glance

Both heights use the same posts, rails, balusters, spacing and finish. The 42" version is simply taller: longer posts and longer balusters. Baluster count and spacing do not change.

	36" height	42" height
Overall height (incl. base plate)	**36"** (915mm)	**42"** (1067mm)
Top of rail to bottom of rail	32 1/2" (825mm)	38 7/16" (977mm)
Gap under bottom rail	**3 9/16"** (90mm)	**3 9/16"** (90mm)
Open height between rails	29 5/8" (753mm)	35 5/8" (905mm)
Baluster length	32 3/8" (823mm)	38 3/8" (975mm)
Post cut length (all posts)	35 7/8" (911mm)	41 7/8" (1063mm)
SECTION WIDTHS (SAME FOR BOTH HEIGHTS)		
4.5' section	Post spacing **56 1/8"** (1425mm) center-to-center · clear opening 54 1/2" (1385mm) · **11 balusters**	
6' section	Post spacing **74 1/2"** (1893mm) center-to-center · clear opening 72 15/16" (1853mm) · **15 balusters**	
Baluster spacing	**3 7/8"** (98mm) clear gap · 4 5/8" (117mm) on center	
COMMON TO BOTH		
Material	Carbon steel · 40×40mm posts & top rail, 18GA (1.2mm) wall · 32×32mm bottom rail and 19×19mm balusters, 0.8mm wall	
Finish / Color	5 Stage Powder Coat · Matte Black (10% Glossy)	
Item codes	v3GR36-4 · v3GR36-6 · v3GR36e2 · v3GR36c2	v3GR42-4 · v3GR42-6 · v3GR42e2 · v3GR42c2

How a run goes together

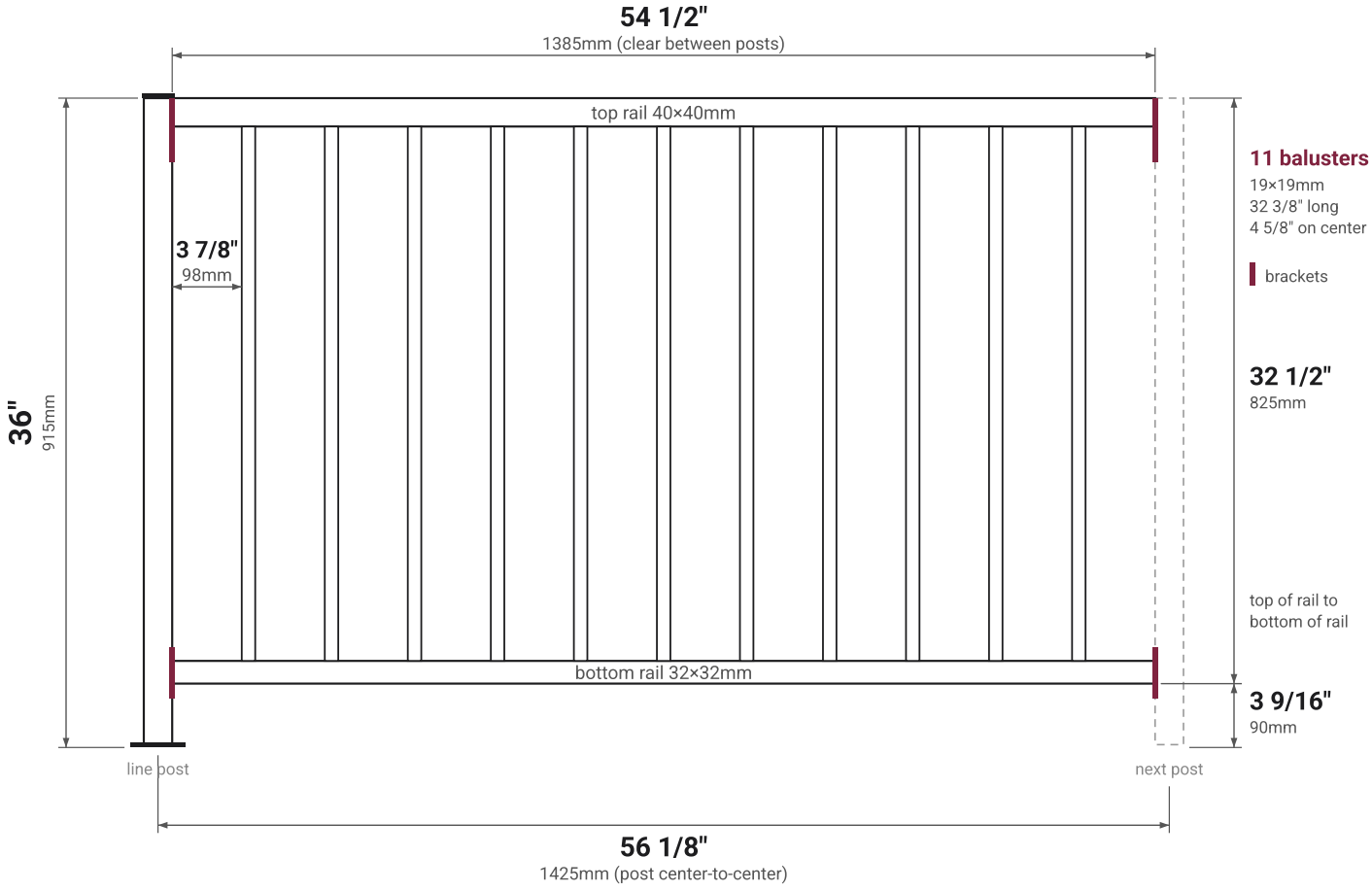
End post → kit → kit → … → end post. Each kit brings its own line post on one side; finish the open side of the last kit with an end post. Use a corner post wherever the run turns 90°.

4.5'W × 36"H Baluster Guardrail Kit Specification

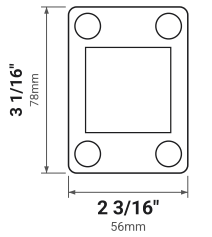
Material	Carbon Steel
Line post	40×40mm, 18GA (1.2mm) wall, 35 7/8" (911mm) cut
Top rail	40×40mm, 18GA (1.2mm) wall, 54 5/16" (1379mm) cut
Bottom rail	32×32mm, 0.8mm wall, 54 1/2" (1385mm) long
Balusters	19×19mm, 0.8mm wall, 32 3/8" (823mm) long
Finish / Color	5 Stage Powder Coat · Matte Black (10% Glossy)

KEY DIMENSIONS

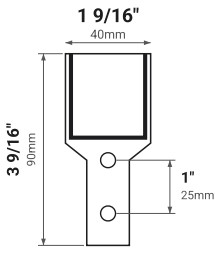
Height	36" (915mm) incl. base plate
Post spacing	56 1/8" (1425mm) center-to-center
Balusters	11 × 19×19mm, 4 5/8" (117mm) on center
Gap between balusters	3 7/8" (98mm) clear, incl. at both posts
Under bottom rail	3 9/16" (90mm) to ground



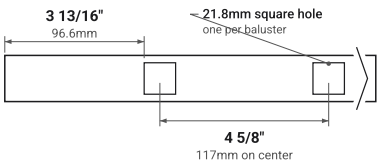
DETAIL — CONNECTIONS



POST BASE PLATE
thickness 3/16" (4mm)
4 × Ø1/2" (12mm) anchor holes



TOP RAIL BRACKET
fits 40×40mm top rail
2 bolt holes, 1" (25mm) apart



BOTTOM RAIL (TOP VIEW)
32×32mm · balusters drop into the holes
same pattern from both ends

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v3GR36-4
TECHNICAL SHEET

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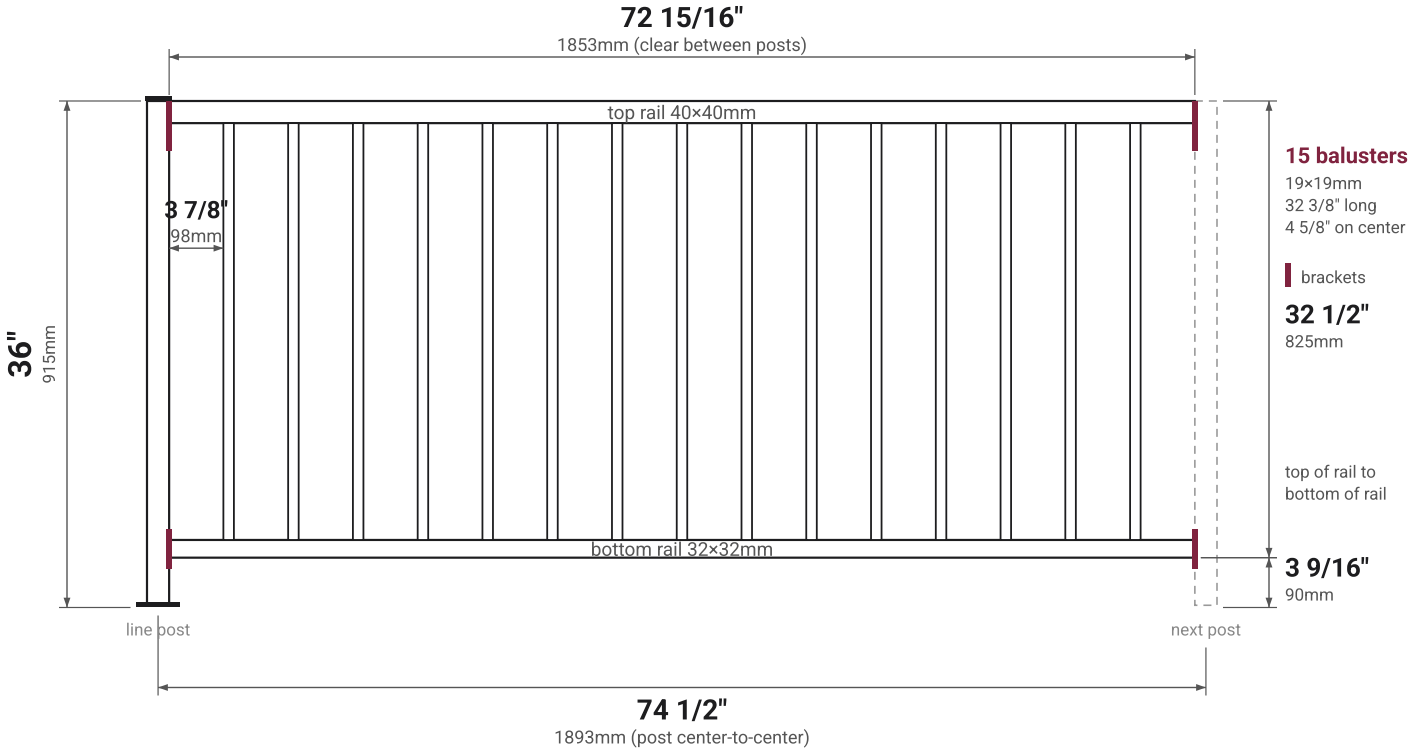
Call or Text (with Photos)
(800) 420-0432

6'W × 36"H Baluster Guardrail Kit Specification

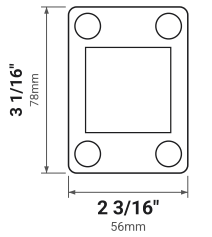
Material	Carbon Steel
Line post	40×40mm, 18GA (1.2mm) wall, 35 7/8" (911mm) cut
Top rail	40×40mm, 18GA (1.2mm) wall, 72 11/16" (1847mm) cut
Bottom rail	32×32mm, 0.8mm wall, 72 15/16" (1853mm) long
Balusters	19×19mm, 0.8mm wall, 32 3/8" (823mm) long
Finish / Color	5 Stage Powder Coat · Matte Black (10% Glossy)

KEY DIMENSIONS

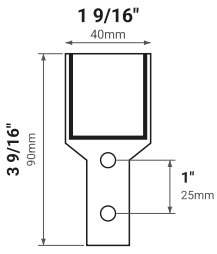
Height	36" (915mm) incl. base plate
Post spacing	74 1/2" (1893mm) center-to-center
Balusters	15 × 19×19mm, 4 5/8" (117mm) on center
Gap between balusters	3 7/8" (98mm) clear, incl. at both posts
Under bottom rail	3 9/16" (90mm) to ground



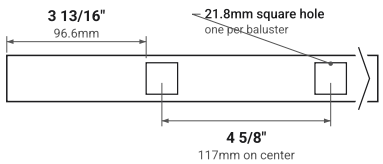
DETAIL — CONNECTIONS



POST BASE PLATE
thickness 3/16" (4mm)
4 × Ø1/2" (12mm) anchor holes



TOP RAIL BRACKET
fits 40×40mm top rail
2 bolt holes, 1" (25mm) apart



BOTTOM RAIL (TOP VIEW)
32×32mm · balusters drop into the holes
same pattern from both ends

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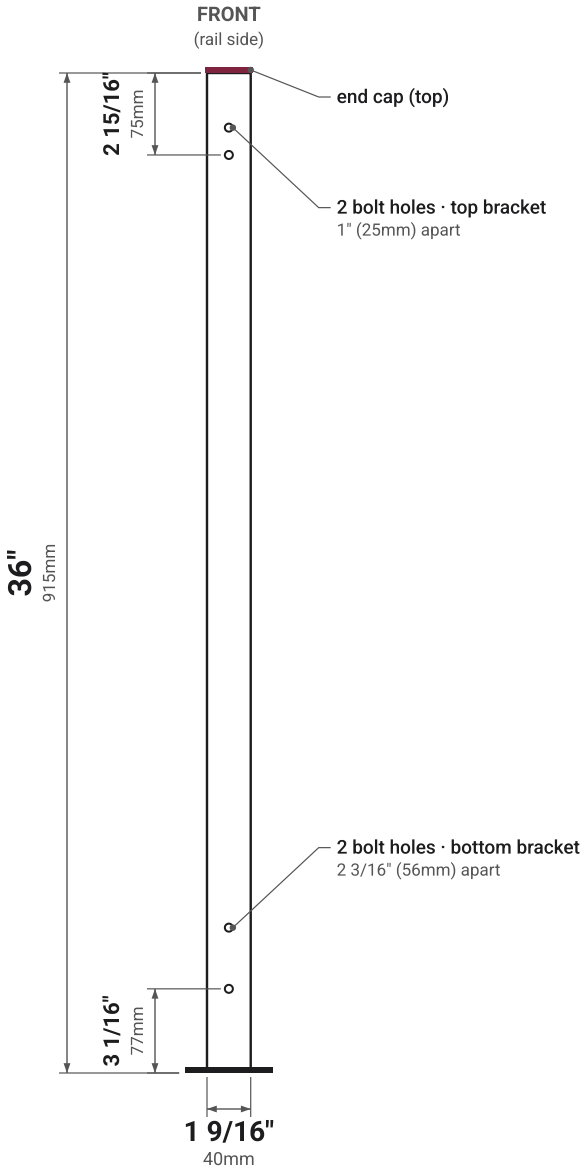
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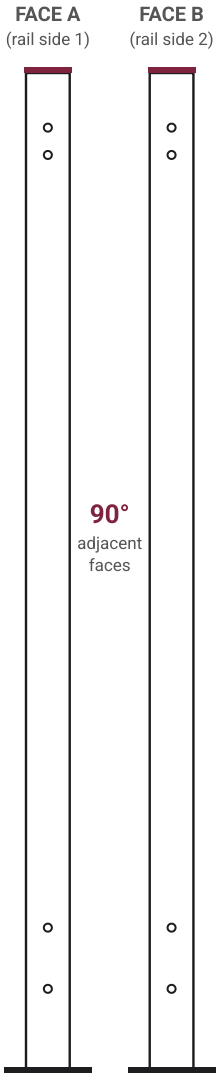
36"H Baluster Guardrail End & Corner Posts Specification

Material	Carbon Steel
Post	40×40mm, 18GA (1.2mm) wall, 35 7/8" (911mm) cut
Height	36" (915mm) incl. base plate
End post	4 bolt holes on **one** face — starts or ends a run
Corner post	4 bolt holes on **each of two adjacent** faces — turns a run 90°
Top	End cap
Finish / Color	5 Stage Powder Coat · Matte Black (10% Glossy)

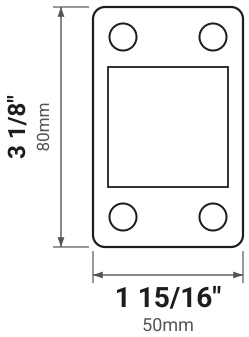
END POST



CORNER POST



same hole positions as the end post
4 holes on each of 2 faces (8 total)



BASE PLATE

end & corner posts
thickness 3/16" (4mm)
4 × Ø3/8" (9mm) anchor holes

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v3GR36e2 · v3GR36c2
TECHNICAL SHEET

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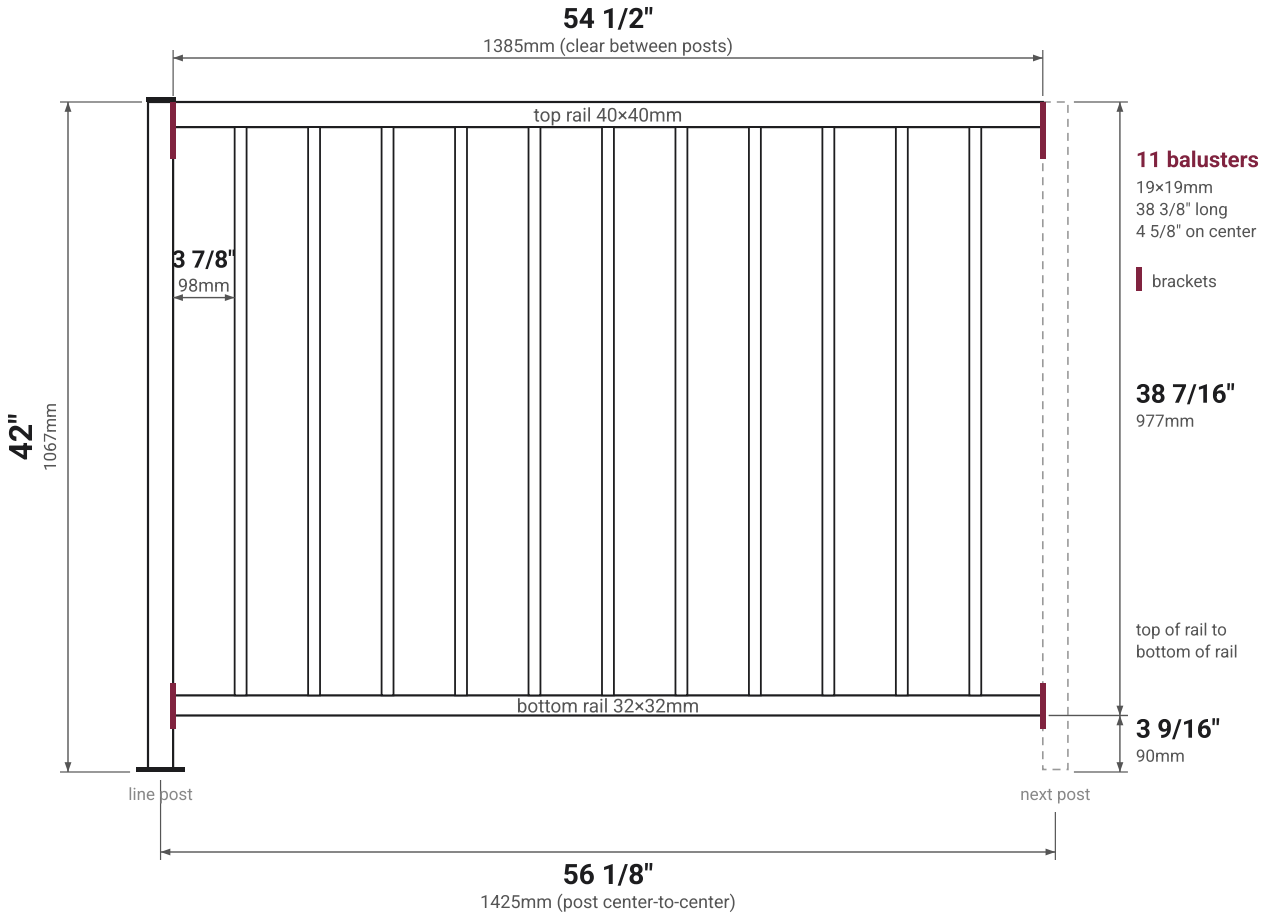
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4.5'W × 42"H Baluster Guardrail Kit Specification

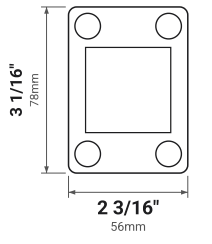
Material	Carbon Steel
Line post	40×40mm, 18GA (1.2mm) wall, 41 7/8" (1063mm) cut
Top rail	40×40mm, 18GA (1.2mm) wall, 54 5/16" (1379mm) cut
Bottom rail	32×32mm, 0.8mm wall, 54 1/2" (1385mm) long
Balusters	19×19mm, 0.8mm wall, 38 3/8" (975mm) long
Finish / Color	5 Stage Powder Coat · Matte Black (10% Glossy)

KEY DIMENSIONS

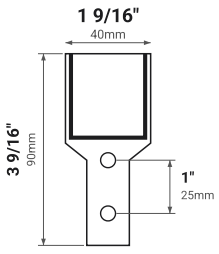
Height	42" (1067mm) incl. base plate
Post spacing	56 1/8" (1425mm) center-to-center
Balusters	11 × 19×19mm, 4 5/8" (117mm) on center
Gap between balusters	3 7/8" (98mm) clear, incl. at both posts
Under bottom rail	3 9/16" (90mm) to ground



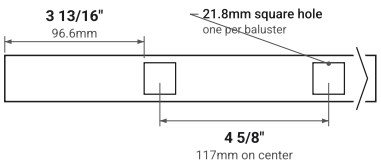
DETAIL — CONNECTIONS



POST BASE PLATE
thickness 3/16" (4mm)
4 × Ø1/2" (12mm) anchor holes



TOP RAIL BRACKET
fits 40×40mm top rail
2 bolt holes, 1" (25mm) apart



BOTTOM RAIL (TOP VIEW)
32×32mm · balusters drop into the holes
same pattern from both ends

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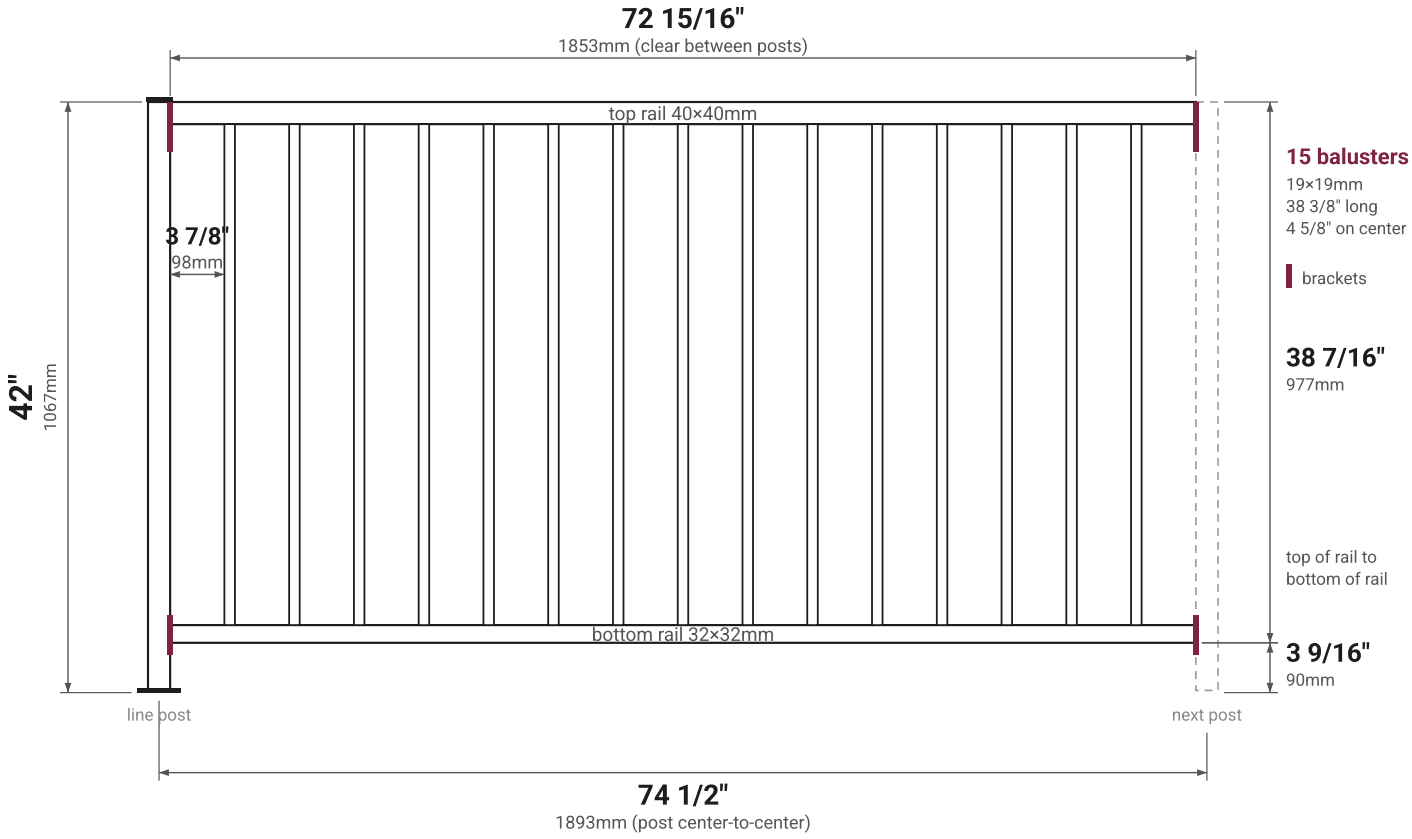
Call or Text (with Photos)
(800) 420-0432

6'W × 42"H Baluster Guardrail Kit Specification

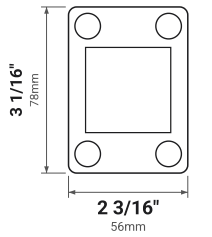
Material	Carbon Steel
Line post	40×40mm, 18GA (1.2mm) wall, 41 7/8" (1063mm) cut
Top rail	40×40mm, 18GA (1.2mm) wall, 72 11/16" (1847mm) cut
Bottom rail	32×32mm, 0.8mm wall, 72 15/16" (1853mm) long
Balusters	19×19mm, 0.8mm wall, 38 3/8" (975mm) long
Finish / Color	5 Stage Powder Coat · Matte Black (10% Glossy)

KEY DIMENSIONS

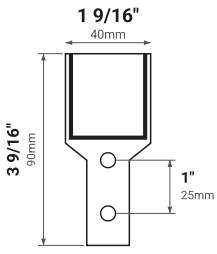
Height	42" (1067mm) incl. base plate
Post spacing	74 1/2" (1893mm) center-to-center
Balusters	15 × 19×19mm, 4 5/8" (117mm) on center
Gap between balusters	3 7/8" (98mm) clear, incl. at both posts
Under bottom rail	3 9/16" (90mm) to ground



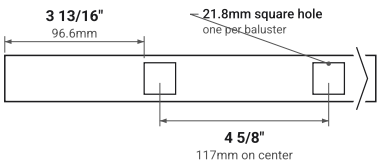
DETAIL — CONNECTIONS



POST BASE PLATE
thickness 3/16" (4mm)
4 × Ø1/2" (12mm) anchor holes



TOP RAIL BRACKET
fits 40×40mm top rail
2 bolt holes, 1" (25mm) apart



BOTTOM RAIL (TOP VIEW)
32×32mm · balusters drop into the holes
same pattern from both ends

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v3GR42-6
TECHNICAL SHEET

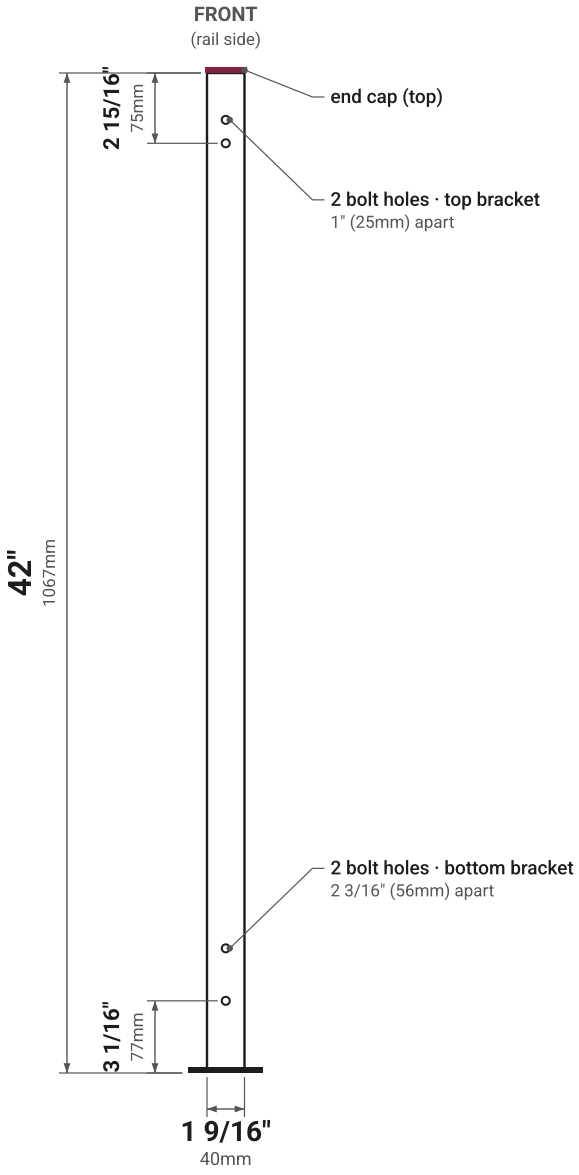
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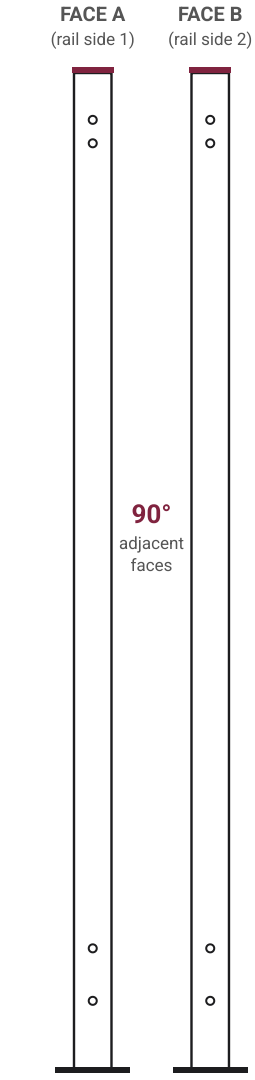
42"H Baluster Guardrail End & Corner Posts Specification

Material	Carbon Steel
Post	40×40mm, 18GA (1.2mm) wall, 41 7/8" (1063mm) cut
Height	42" (1067mm) incl. base plate
End post	4 bolt holes on **one** face — starts or ends a run
Corner post	4 bolt holes on **each of two adjacent** faces — turns a run 90°
Top	End cap
Finish / Color	5 Stage Powder Coat · Matte Black (10% Glossy)

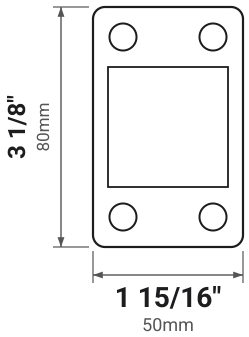
END POST



CORNER POST



same hole positions as the end post
4 holes on each of 2 faces (8 total)



BASE PLATE

end & corner posts
thickness 3/16" (4mm)
4 × Ø3/8" (9mm) anchor holes

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v3GR42e2 · v3GR42c2
TECHNICAL SHEET

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