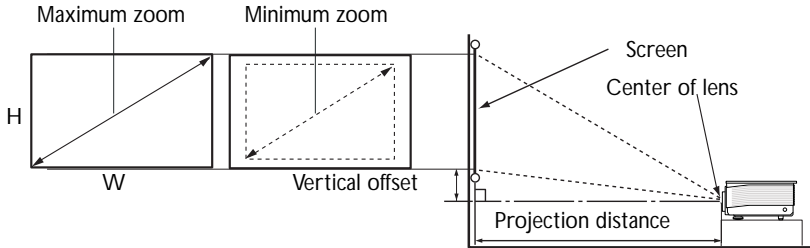


# Obtaining a preferred projected image size

The projected image size is determined by the distance from the projector lens to the screen, the zoom setting, and the video format.

## Projection dimensions

Refer to "Dimensions" on page 65 for the center of lens dimensions of this projector before calculating the appropriate position.




The screen aspect ratio is 16:9 and the projected picture is 16:9.

Screen Size						Wide Zoom				Standard			
Diagonal		Width		Height		Distance				Distance			
						Wide		Tele		Wide		Tele	
Inch	m	Inch	m	Inch	m	Inch	m	Inch	m	Inch	m	Inch	m
80	2.03	70	1.77	39	1.00	77	1.95	91	2.30	107	2.73	135	3.42
100	2.54	87	2.21	49	1.25	96	2.44	113	2.88	134	3.41	168	4.27
120	3.05	105	2.66	59	1.49	115	2.92	136	3.45	161	4.09	202	5.13
150	3.81	131	3.32	74	1.87	144	3.65	170	4.32	201	5.11	252	6.41
200	5.08	174	4.43	98	2.49	192	4.87	227	5.76	268	6.82	336	8.55
300	7.62	261	6.64	147	3.74	288	7.31	340	8.63	-	-	-	-
400	10.16	349	8.86	196	4.98	-	-	-	-	-	-	-	-
500	12.70	436	11.07	246	6.23	-	-	-	-	-	-	-	-

Screen Size						Semi Long				Long Zoom			
Diagonal		Width		Height		Distance				Distance			
						Wide		Tele		Wide		Tele	
Inch	m	Inch	m	Inch	m	Inch	m	Inch	m	Inch	m	Inch	m
80	2.03	70	1.77	39	1.00	135	3.42	202	5.14	209	5.31	349	8.86
100	2.54	87	2.21	49	1.25	168	4.27	253	6.42	261	6.64	436	11.07
120	3.05	105	2.66	59	1.49	202	5.13	303	7.70	314	7.97	523	13.28
150	3.81	131	3.32	74	1.87	252	6.41	379	9.63	392	9.96	654	16.60

Screen Size						Semi Long				Long Zoom			
Diagonal		Width		Height		Distance				Distance			
						Wide		Tele		Wide		Tele	
Inch	m	Inch	m	Inch	m	Inch	m	Inch	m	Inch	m	Inch	m
200	5.08	174	4.43	98	2.49	336	8.55	506	12.84	523	13.28	872	22.14
300	7.62	261	6.64	147	3.74	505	12.82	758	19.26	784	19.92	1307	33.21
400	10.16	349	8.86	196	4.98	673	17.09	1011	25.68	-	-	-	-
500	12.70	436	11.07	246	6.23	-	-	-	-	-	-	-	-

Screen Size						Wide Fix	
Diagonal		Width		Height		Distance	
						NA	
Inch	m	Inch	m	Inch	m	Inch	m
80	2.03	70	1.77	39	1.00	54	1.38
100	2.54	87	2.21	49	1.25	68	1.72
120	3.05	105	2.66	59	1.49	81	2.07
150	3.81	131	3.32	74	1.87	102	2.58
200	5.08	174	4.43	98	2.49	136	3.44
300	7.62	261	6.64	147	3.74	-	-
400	10.16	349	8.86	196	4.98	-	-
500	12.70	436	11.07	246	6.23	-	-

 There is 5% tolerance among these numbers due to optical component variations. BenQ recommends that if you intend to permanently install the projector, you should physically test the projection size and distance using the actual projector before you permanently install it, so as to make allowance for this projector's optical characteristics. This will help you determine the exact mounting position so that it best suits your installation location.