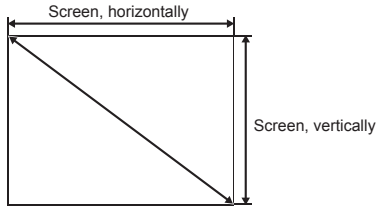
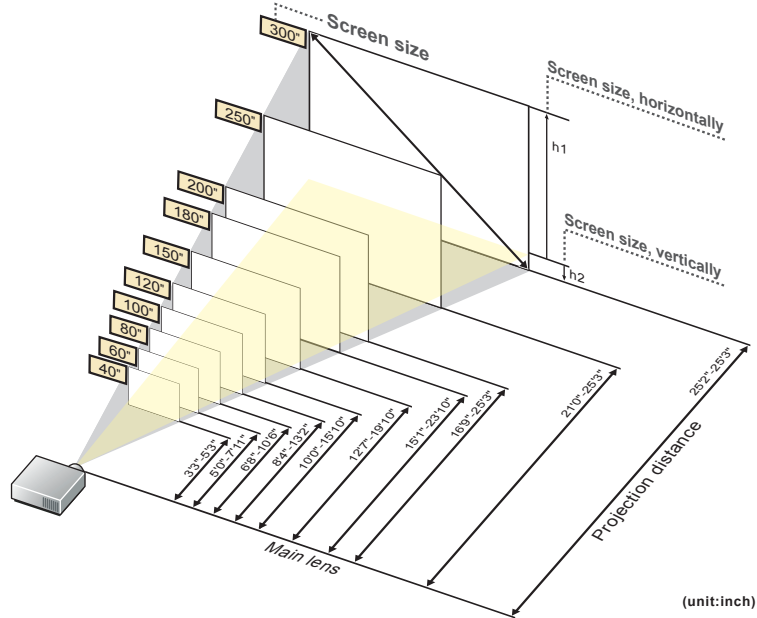


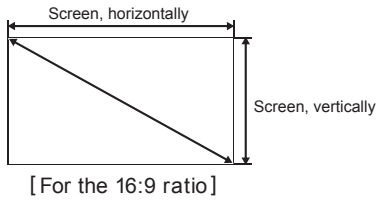
This is the throw distance ratio when the screen size is 100. Since design values are used, there will be some disparity.



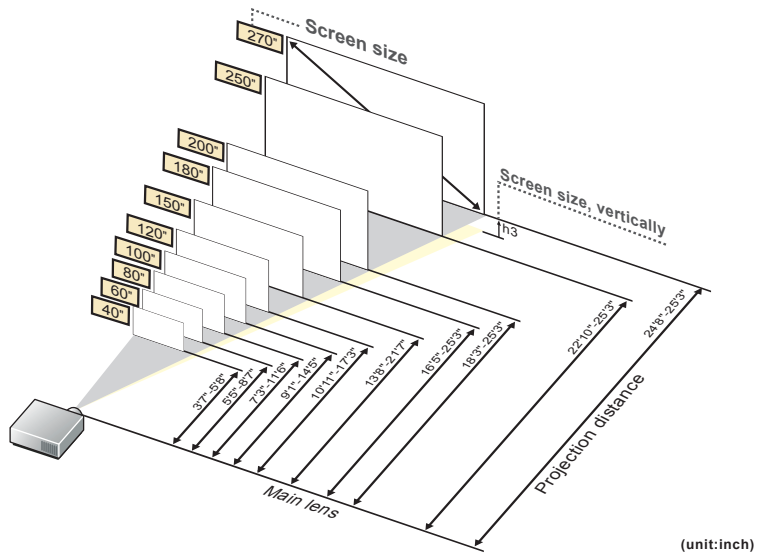
[For the 4:3 ratio]



4:3												
Screen size	inch					40"	50"	60"	70"	80"	90"	100"
Screen size, horizontally	inch					2'8"	3'4"	4'0"	4'8"	5'4"	6'0"	6'8"
Screen size, vertically	inch					2'0"	2'6"	3'0"	3'6"	4'0"	4'6"	5'0"
Projection distance (Shortest to longest)	inch					3'3"-5'3"	4'1"-6'7"	5'0"-7'11"	5'10"-9'2"	6'8"-10'6"	7'6"-11'10"	8'4"-13'2"
h1	inch					1'9.6"	2'3.0"	2'8.4"	3'1.8"	3'7.2"	4'0.6"	4'6.0"
h2	inch					2.4"	3.0"	3.6"	4.2"	4.8"	5.4"	6.0"
Screen size	inch	110"	120"	130"	140"	150"	160"	170"	180"	190"	200"	
Screen size, horizontally	inch	7'4"	8'0"	8'8"	9'4"	10'0"	10'8"	11'4"	12'0"	12'8"	13'4"	
Screen size, vertically	inch	5'6"	6'0"	6'6"	7'0"	7'6"	8'0"	8'6"	9'0"	9'6"	10'0"	
Projection distance (Shortest to longest)	inch	9'2"-14'6"	10'0"-15'10"	10'10"-17'2"	11'9"-18'6"	12'7"-19'10"	13'5"-21'2"	14'3"-22'6"	15'1"-23'10"	15'11"-25'2"	16'9"-25'3"	
h1	inch	4'11.4"	5'4.8"	5'10.2"	6'3.6"	6'9.0"	7'2.4"	7'7.8"	8'1.2"	8'6.6"	9'0.0"	
h2	inch	6.6"	7.2"	7.8"	8.4"	9.0"	9.6"	10.2"	10.8"	11.4"	12.0"	
Screen size	inch	210"	220"	230"	240"	250"	260"	270"	280"	290"	300"	
Screen size, horizontally	inch	14'0"	14'8"	15'4"	16'0"	16'8"	17'4"	18'0"	18'8"	19'4"	20'0"	
Screen size, vertically	inch	10'6"	11'0"	11'6"	12'0"	12'6"	13'0"	13'6"	14'0"	14'6"	15'0"	
Projection distance (Shortest to longest)	inch	17'7"-25'3"	18'5"-25'3"	19'4"-25'3"	20'2"-25'3"	21'0"-25'3"	21'10"-25'3"	22'8"-25'3"	23'6"-25'3"	24'4"-25'3"	25'2"-25'3"	
h1	inch	9'5.4"	9'10.8"	10'4.2"	10'9.6"	11'3.0"	11'8.4"	12'1.8"	12'7.2"	13'0.6"	13'6.0"	
h2	inch	10.6"	11.2"	11.8"	12.4"	13.0"	13.6"	14.2"	14.8"	15.4"	16.0"	



[For the 16:9 ratio]



16:9												
Screen size	inch					40"	50"	60"	70"	80"	90"	100"
Screen size, horizontally	inch					2'11"	3'8"	4'4"	5'1"	5'10"	6'6"	7'3"
Screen size, vertically	inch					1'8"	2'1"	2'5"	2'10"	3'3"	3'8"	4'1"
Projection distance (Shortest to longest)	inch					3'7"-5'8"	4'6"-7'2"	5'5"-8'7"	6'4"-10'0"	7'3"-11'6"	8'2"-12'11"	9'1"-14'5"
h3	inch					0.7"	0.8"	1.0"	1.1"	1.3"	1.5"	1.6"
Screen size	inch	110"	120"	130"	140"	150"	160"	170"	180"	190"	200"	
Screen size, horizontally	inch	8'0"	8'9"	9'5"	10'2"	10'11"	11'8"	12'4"	13'1"	13'10"	14'6"	
Screen size, vertically	inch	4'6"	4'11"	5'4"	5'9"	6'2"	6'6"	7'1"	7'4"	7'9"	8'2"	
Projection distance (Shortest to longest)	inch	10'0"-15'10"	10'11"-17'3"	11'10"-18'9"	12'9"-20'2"	13'8"-21'7"	14'7"-23'1"	15'6"-24'6"	16'5"-25'3"	17'4"-25'3"	18'3"-25'3"	
h3	inch	1.8"	2.0"	2.1"	2.3"	2.5"	2.6"	2.8"	2.9"	3.1"	3.3"	
Screen size	inch	210"	220"	230"	240"	250"	260"	270"				
Screen size, horizontally	inch	15'3"	16'0"	16'9"	17'5"	18'2"	18'11"	19'7"				
Screen size, vertically	inch	8'7"	9'0"	9'5"	9'10"	10'3"	10'8"	11'0"				
Projection distance (Shortest to longest)	inch	19'2"-25'3"	20'1"-25'3"	21'0"-25'3"	21'11"-25'3"	22'10"-25'3"	23'9"-25'3"	24'8"-25'3"				
h3	inch	3.4"	3.6"	3.8"	3.9"	4.1"	4.2"	4.4"				