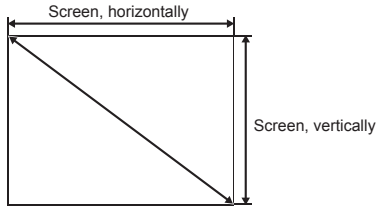
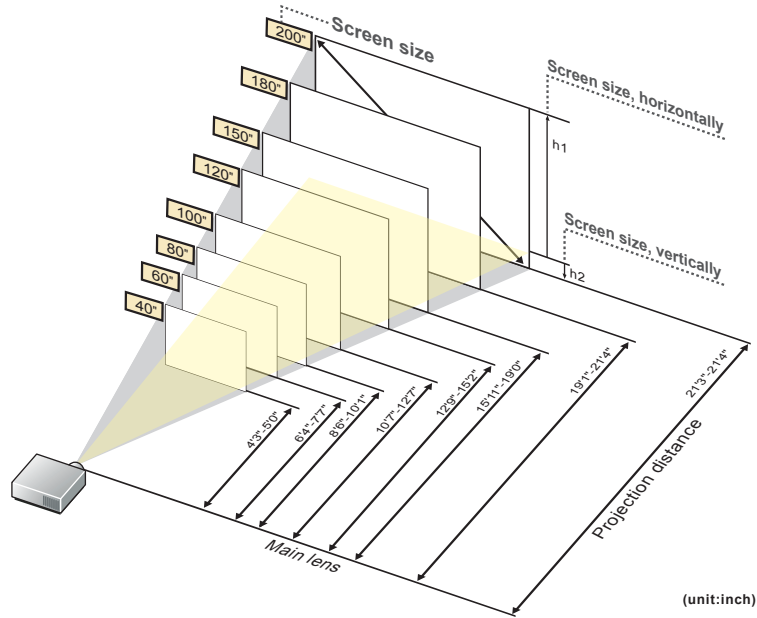


This is the throw distance ratio when the screen size is 100. Since design values are used, there will be some disparity.

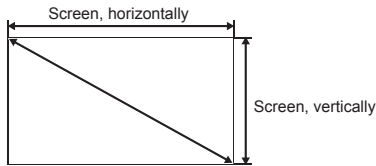


[For the 4:3 ratio]

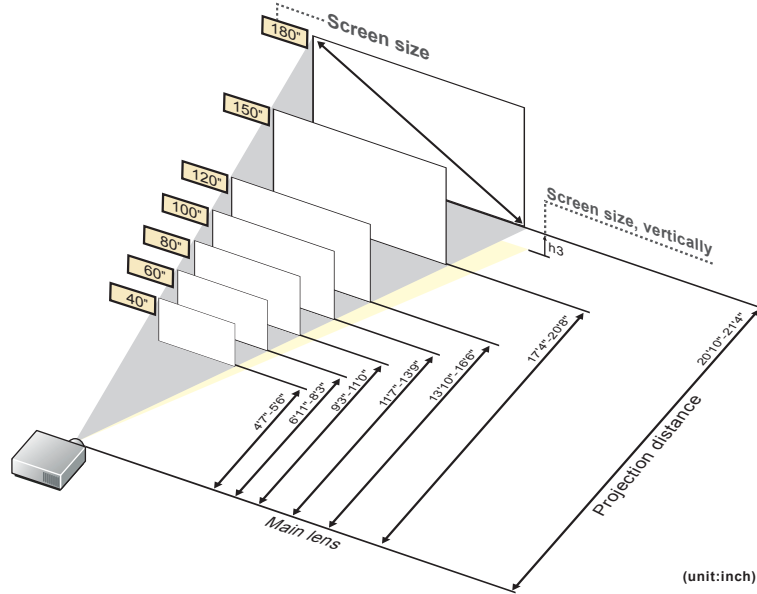


(unit:inch)

4:3											
Screen size	inch			34"	40"	50"	60"	70"	80"	90"	100"
Screen size, horizontally	inch			2'3"	2'8"	3'4"	4'0"	4'8"	5'4"	6'0"	6'8"
Screen size, vertically	inch			1'8"	2'0"	2'6"	3'0"	3'6"	4'0"	4'6"	5'0"
Projection distance (Shortest to longest)	inch			4'3"-4'3"	4'3"-5'0"	5'3"-6'3"	6'4"-7'7"	7'5"-8'10"	8'6"-10'1"	9'6"-11'4"	10'7"-12'7"
h1	inch			1'6.4"	1'9.6"	2'3.0"	2'8.4"	3'1.8"	3'7.2"	4'0.6"	4'6.0"
h2	inch			2.0"	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	11'8"-13'11"	12'9"-15'2"	13'9"-16'5"	14'10"-17'8"	15'11"-19'0"	17'0"-20'3"	18'1"-21'4"	19'1"-21'4"	20'2"-21'4"	21'3"-21'4"
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"	1'0.0"



[For the 16:9 ratio]



(unit:inch)

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				4'7"-5'6"	5'9"-6'10"	6'11"-8'3"	8'1"-9'7"	9'3"-11'0"	10'5"-12'4"	11'7"-13'9"
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"		
Screen size, horizontally	inch	8'0"	8'9"	9'5"	10'2"	10'11"	11'8"	12'4"	13'1"		
Screen size, vertically	inch	4'6"	4'11"	5'4"	5'9"	6'2"	6'6"	6'11"	7'4"		
Projection distance (Shortest to longest)	inch	12'8"-15'2"	13'10"-16'6"	15'0"-17'11"	16'2"-19'3"	17'4"-20'8"	18'6"-21'4"	19'8"-21'4"	20'10"-21'4"		
h3	inch	1.8"	2.0"	2.1"	2.3"	2.5"	2.6"	2.8"	2.9"		