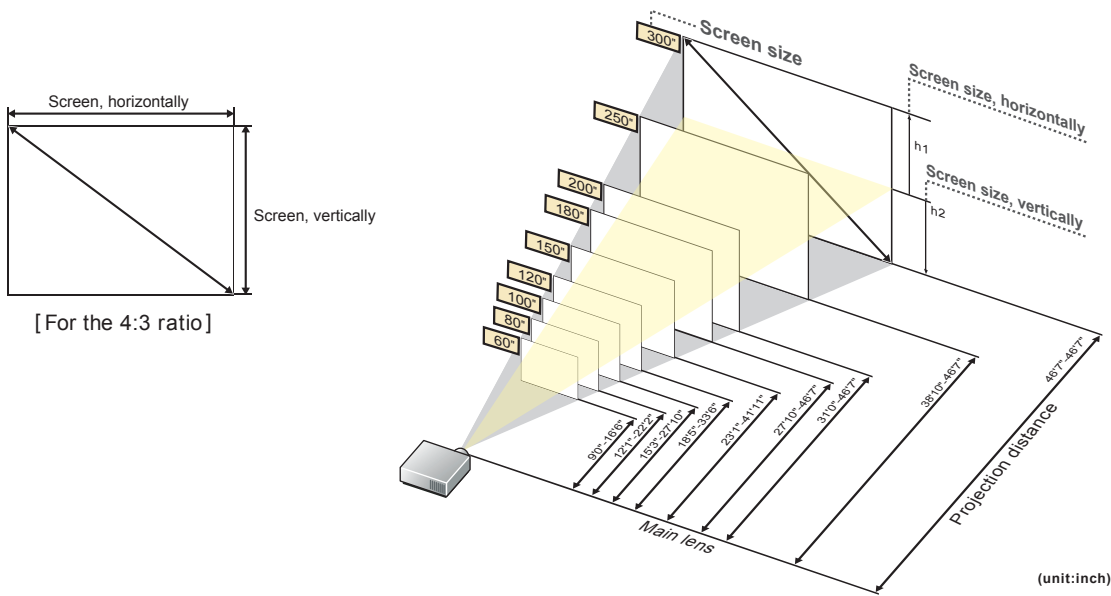
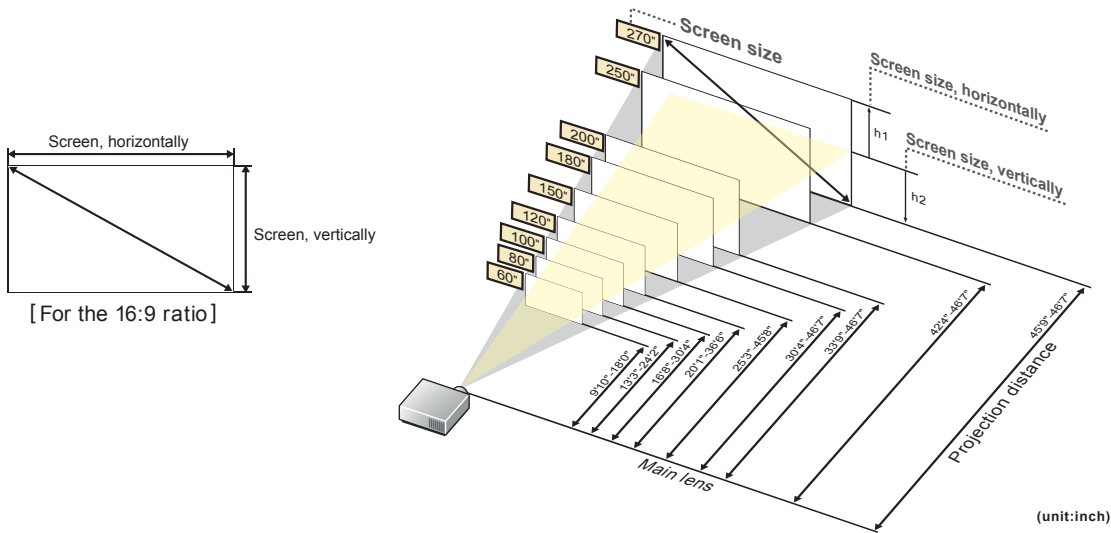


This is the throw distance ratio when the screen size is 100. Since design values are used, there will be some disparity.



4:3

Screen size	inch							60"	70"	80"	90"	100"
Screen size, horizontally	inch							4'0"	4'8"	5'4"	6'0"	6'8"
Screen size, vertically	inch							3'0"	3'6"	4'0"	4'6"	5'0"
Projection distance (Shortest to longest)	inch							9'0"-16'6"	10'6"-19'4"	12'1"-22'2"	13'8"-25'0"	15'3"-27'10"
h1=h2	inch							16'0"	1'9'0"	2'0'0"	2'3'0"	2'6'0"
Screen size	inch	110"	120"	130"	140"	150"	160"	160"	170"	180"	190"	200"
Screen size, horizontally	inch	7'4"	8'0"	8'8"	9'4"	10'0"	10'8"	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"	8'0"	8'6"	9'0"	9'6"	10'0"
Projection distance (Shortest to longest)	inch	16'10"-30'8"	18'5"-33'6"	20'0"-36'3"	21'6"-39'1"	23'1"-41'11"	24'8"-44'9"	26'3"-46'7"	27'10"-46'7"	29'5"-46'7"	29'5"-46'7"	31'0"-46'7"
h1=h2	inch	2'9'0"	3'0'0"	3'3'0"	3'6'0"	3'9'0"	4'0'0"	4'3'0"	4'6'0"	4'9'0"	4'9'0"	5'0'0"
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"	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	32'6"-46'7"	34'1"-46'7"	35'8"-46'7"	37'3"-46'7"	38'10"-46'7"	40'5"-46'7"	42'0"-46'7"	43'6"-46'7"	45'1"-46'7"	45'1"-46'7"	46'7"-46'7"
h1=h2	inch	5'3'0"	5'6'0"	5'9'0"	6'0'0"	6'3'0"	6'6'0"	6'9'0"	7'0'0"	7'3'0"	7'3'0"	7'6'0"



16:9

Screen size	inch							60"	70"	80"	90"	100"
Screen size, horizontally	inch							4'4"	5'1"	5'10"	6'6"	7'3"
Screen size, vertically	inch							2'5"	2'10"	3'3"	3'8"	4'1"
Projection distance (Shortest to longest)	inch							9'10"-18'0"	11'6"-21'1"	13'3"-24'2"	14'11"-27'3"	16'8"-30'4"
h1=h2	inch							12'7"	1'5'2"	1'7'6"	1'10'1"	2'0'5"
Screen size	inch	110"	120"	130"	140"	150"	160"	160"	170"	180"	190"	200"
Screen size, horizontally	inch	8'0"	8'9"	9'5"	10'2"	10'11"	11'8"	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"	6'6"	6'11"	7'4"	7'9"	8'2"
Projection distance (Shortest to longest)	inch	18'4"-33'5"	20'1"-36'6"	21'9"-39'7"	23'6"-42'8"	25'3"-45'9"	26'11"-46'7"	28'8"-46'7"	30'4"-46'7"	32'1"-46'7"	32'1"-46'7"	33'9"-46'7"
h1=h2	inch	2'3'0"	2'5'4"	2'7'9"	2'10'3"	3'0'8"	3'3'2"	3'5'7"	3'8'1"	3'10'6"	3'10'6"	4'1'0"
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	35'6"-46'7"	37'2"-46'7"	38'11"-46'7"	40'7"-46'7"	42'4"-46'7"	44'1"-46'7"	45'9"-46'7"				
h1=h2	inch	4'3'5"	4'5'9"	4'8'4"	4'10'8"	5'1'3"	5'3'7"	5'6'2"				