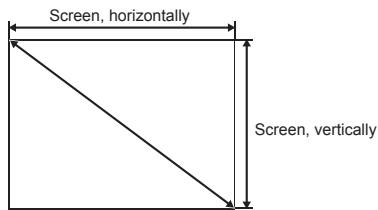
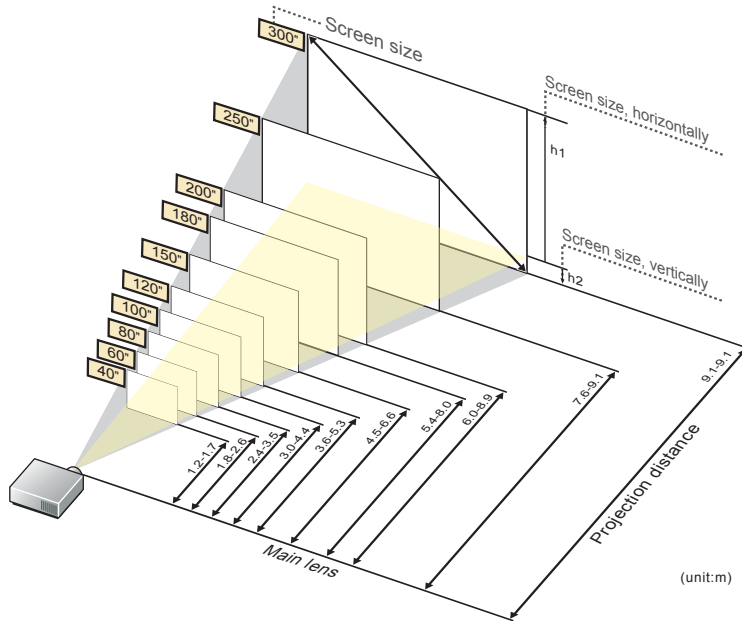


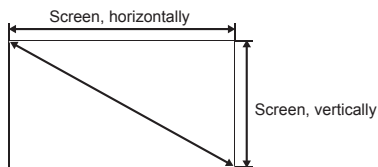
This is the throw distance ratio when the screen size is 100. Since design values are used, there will be some disparity.



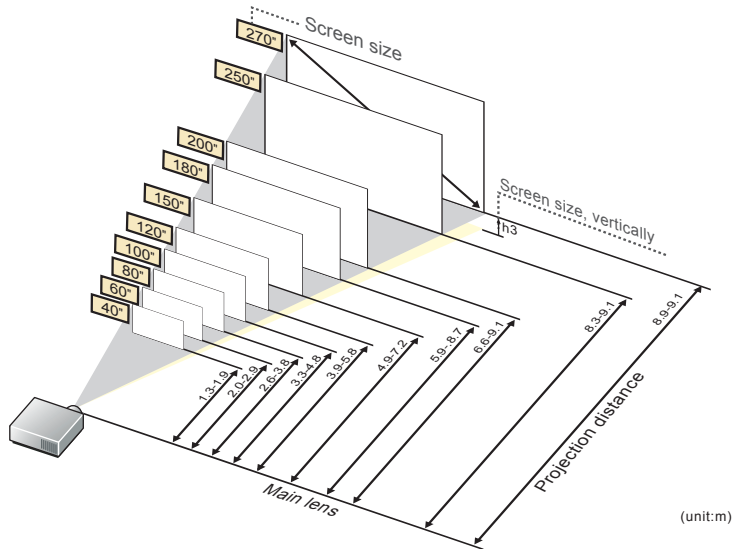
[For the 4:3 ratio]



4:3												
Screen size	inch					40"	50"	60"	70"	80"	90"	100"
Screen size, horizontally	m					0.8	1.0	1.2	1.4	1.6	1.8	2.0
Screen size, vertically	m					0.6	0.8	0.9	1.1	1.2	1.4	1.5
Projection distance (Shortest to longest)	m					1.2-1.7	1.5-2.2	1.8-2.6	2.1-3.1	2.4-3.5	2.7-4.0	3.0-4.4
h1	cm					61	76	91	107	122	137	152
h2	cm					0	0	0	0	0	0	0
Screen size	inch	110"	120"	130"	140"	150"	160"	170"	180"	190"	200"	
Screen size, horizontally	m	2.2	2.4	2.6	2.8	3.0	3.3	3.5	3.7	3.9	4.1	
Screen size, vertically	m	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.9	3.0	
Projection distance (Shortest to longest)	m	3.3-4.9	3.6-5.3	3.9-5.8	4.2-6.2	4.5-6.6	4.8-7.1	5.1-7.5	5.4-8.0	5.7-8.4	6.0-8.9	
h1	cm	168	183	198	213	229	244	259	274	290	305	
h2	cm	0	0	0	0	0	0	0	0	0	0	
Screen size	inch	210"	220"	230"	240"	250"	260"	270"	280"	290"	300"	
Screen size, horizontally	m	4.3	4.5	4.7	4.9	5.1	5.3	5.5	5.7	5.9	6.1	
Screen size, vertically	m	3.2	3.4	3.5	3.7	3.8	4.0	4.1	4.3	4.4	4.6	
Projection distance (Shortest to longest)	m	6.4-9.1	6.7-9.1	7.0-9.1	7.3-9.1	7.6-9.1	7.9-9.1	8.2-9.1	8.5-9.1	8.8-9.1	9.1-9.1	
h1	cm	320	335	351	366	381	396	411	427	442	457	
h2	cm	0	0	0	0	0	0	0	0	0	0	



[For the 16:9 ratio]



16:9												
Screen size	inch					40"	50"	60"	70"	80"	90"	100"
Screen size, horizontally	m					0.9	1.1	1.3	1.5	1.8	2.0	2.2
Screen size, vertically	m					0.5	0.6	0.7	0.9	1.0	1.1	1.2
Projection distance (Shortest to longest)	m					1.3-1.9	1.6-2.4	2.0-2.9	2.3-3.4	2.6-3.8	2.9-4.3	3.3-4.8
h3	cm					8	10	12	15	17	19	21
Screen size	inch	110"	120"	130"	140"	150"	160"	170"	180"	190"	200"	
Screen size, horizontally	m	2.4	2.7	2.9	3.1	3.3	3.5	3.8	4.0	4.2	4.4	
Screen size, vertically	m	1.4	1.5	1.6	1.7	1.9	2.0	2.1	2.2	2.4	2.5	
Projection distance (Shortest to longest)	m	3.6-5.3	3.9-5.8	4.3-6.3	4.6-6.8	4.9-7.2	5.3-7.7	5.6-8.2	5.9-8.7	6.3-9.1	6.6-9.1	
h3	cm	23	25	27	29	31	33	35	37	39	42	
Screen size	inch	210"	220"	230"	240"	250"	260"	270"				
Screen size, horizontally	m	4.6	4.9	5.1	5.3	5.5	5.8	6.0				
Screen size, vertically	m	2.6	2.7	2.9	3.0	3.1	3.2	3.4				
Projection distance (Shortest to longest)	m	6.9-9.1	7.3-9.1	7.6-9.1	7.9-9.1	8.3-9.1	8.6-9.1	8.9-9.1				
h3	cm	44	46	48	50	52	54	56				