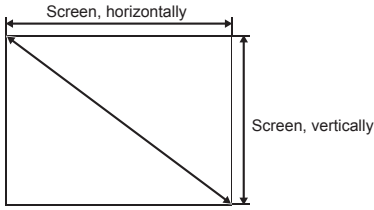
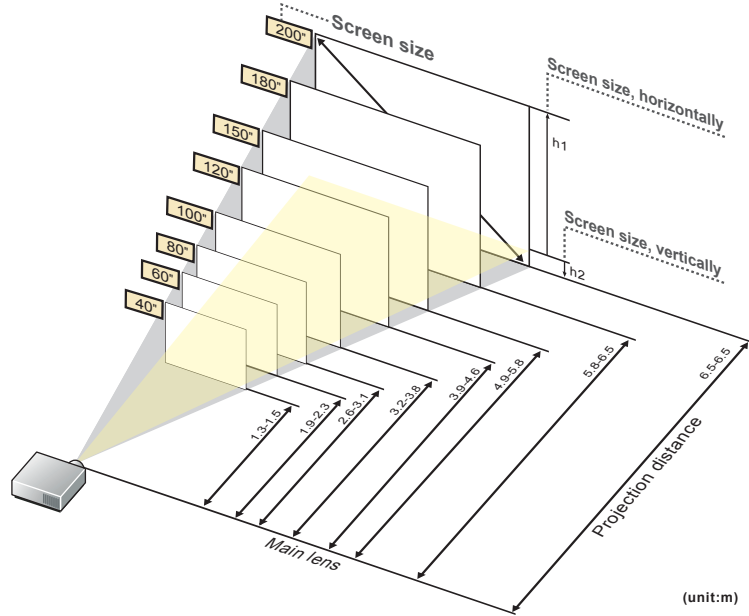


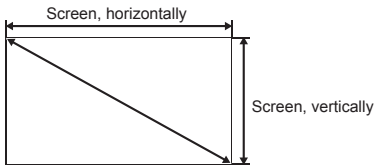
This is the throw distance ratio when the screen size is 100. Since design values are used, there will be some disparity.



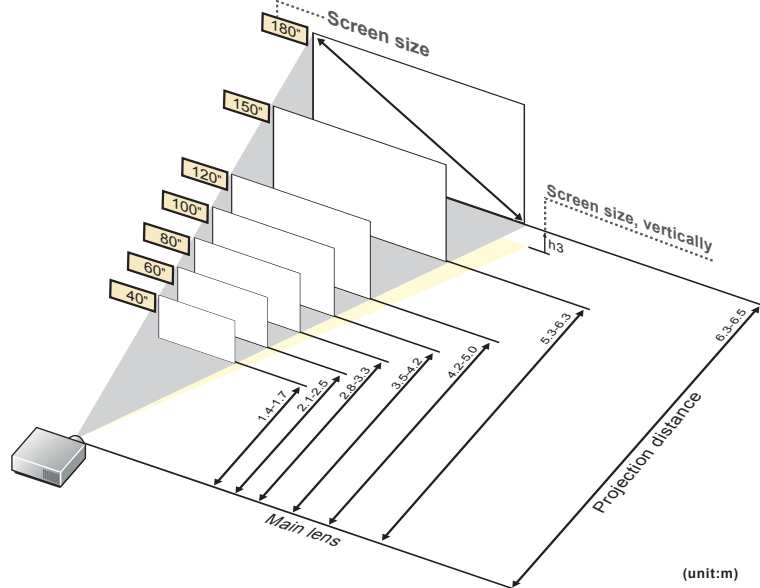
[For the 4:3 ratio]



4:3												
Screen size	inch				34"	40"	50"	60"	70"	80"	90"	100"
Screen size, horizontally	m				0.7	0.8	1.0	1.2	1.4	1.6	1.8	2.0
Screen size, vertically	m				0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5
Projection distance (Shortest to longest)	m				1.3-1.3	1.3-1.5	1.6-1.9	1.9-2.3	2.3-2.7	2.6-3.1	2.9-3.5	3.2-3.8
h1	cm				47	55	69	82	96	110	123	137
h2	cm				5	6	8	9	11	12	14	15
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	3.6-4.2	3.9-4.6	4.2-5.0	4.5-5.4	4.9-5.8	5.2-6.2	5.5-6.5	5.8-6.5	6.2-6.5	6.5-6.5	
h1	cm	151	165	178	192	206	219	233	247	261	274	
h2	cm	17	18	20	21	23	24	26	27	29	30	



[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					1.4-1.7	1.7-2.1	2.1-2.5	2.5-2.9	2.8-3.3	3.2-3.8	3.5-4.2
h3	cm					2	2	2	3	3	4	4
Screen size	inch	110"	120"	130"	140"	150"	160"	170"	180"			
Screen size, horizontally	m	2.4	2.7	2.9	3.1	3.3	3.5	3.8	4.0			
Screen size, vertically	m	1.4	1.5	1.6	1.7	1.9	2.0	2.1	2.2			
Projection distance (Shortest to longest)	m	3.9-4.6	4.2-5.0	4.6-5.5	4.9-5.9	5.3-6.3	5.6-6.5	6.0-6.5	6.3-6.5			
h3	cm	5	5	5	6	6	7	7	7			