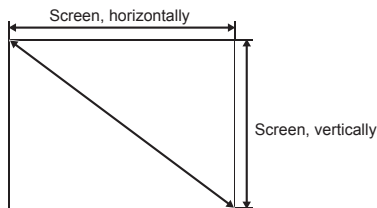
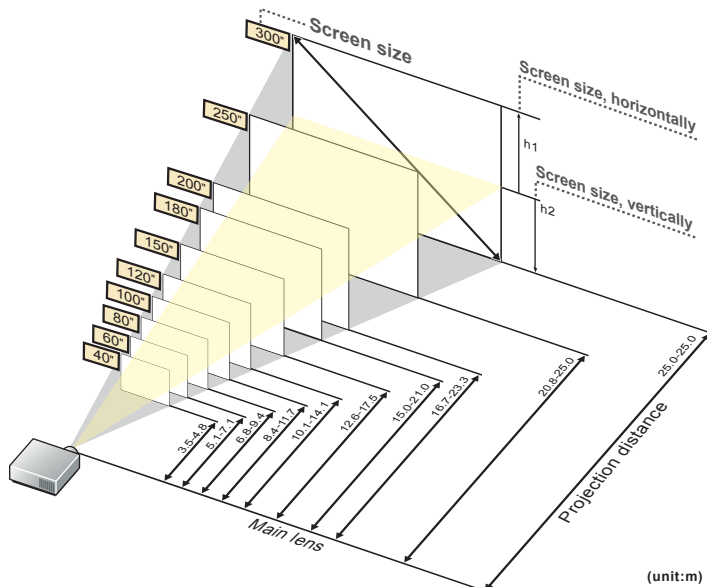


This is the throw distance ratio when the screen size is 100. Since design values are used, there will be some disparity.

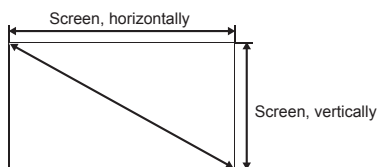


[For the 4:3 ratio]

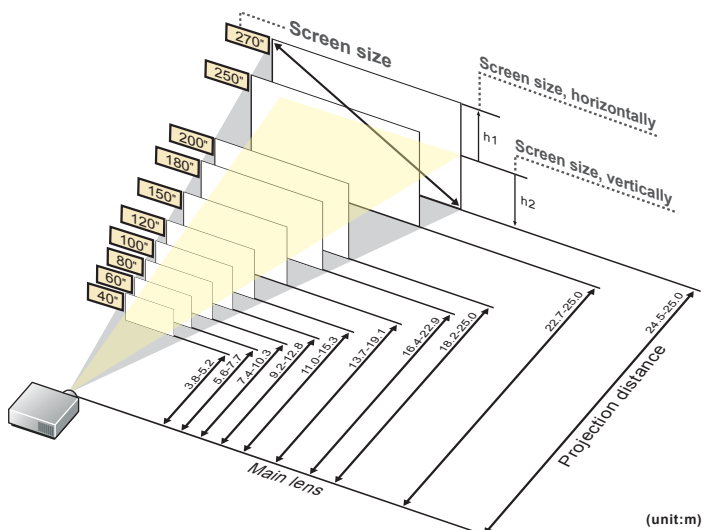


**4:3**

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				3.5-4.8	4.3-5.9	5.1-7.1	6.0-8.3	6.8-9.4	7.6-10.6	8.4-11.7
h1=h2	cm				30	38	46	53	61	69	76
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	9.3-12.9	10.1-14.1	10.9-15.2	11.7-16.4	12.6-17.5	13.4-18.7	14.2-19.9	15.0-21.0	15.9-22.2	16.7-23.3
h1=h2	cm	84	91	99	107	114	122	130	137	145	152
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	17.5-24.5	18.4-25.0	19.2-25.0	20.0-25.0	20.8-25.0	21.7-25.0	22.5-25.0	23.3-25.0	24.1-25.0	25.0-25.0
h1=h2	cm	160	168	175	183	191	198	206	213	221	229



[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				3.8-5.2	4.7-6.5	5.6-7.7	6.5-9.0	7.4-10.3	8.3-11.5	9.2-12.8
h1=h2	cm				25	31	37	44	50	56	62
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	10.1-14.0	11.0-15.3	11.9-16.6	12.8-17.8	13.7-19.1	14.6-20.4	15.5-21.6	16.4-22.9	17.3-24.1	18.2-25.0
h1=h2	cm	68	75	81	87	93	100	106	112	118	125
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	19.1-25.0	20.0-25.0	20.9-25.0	21.8-25.0	22.7-25.0	23.6-25.0	24.5-25.0			
h1=h2	cm	131	137	143	149	156	162	168			