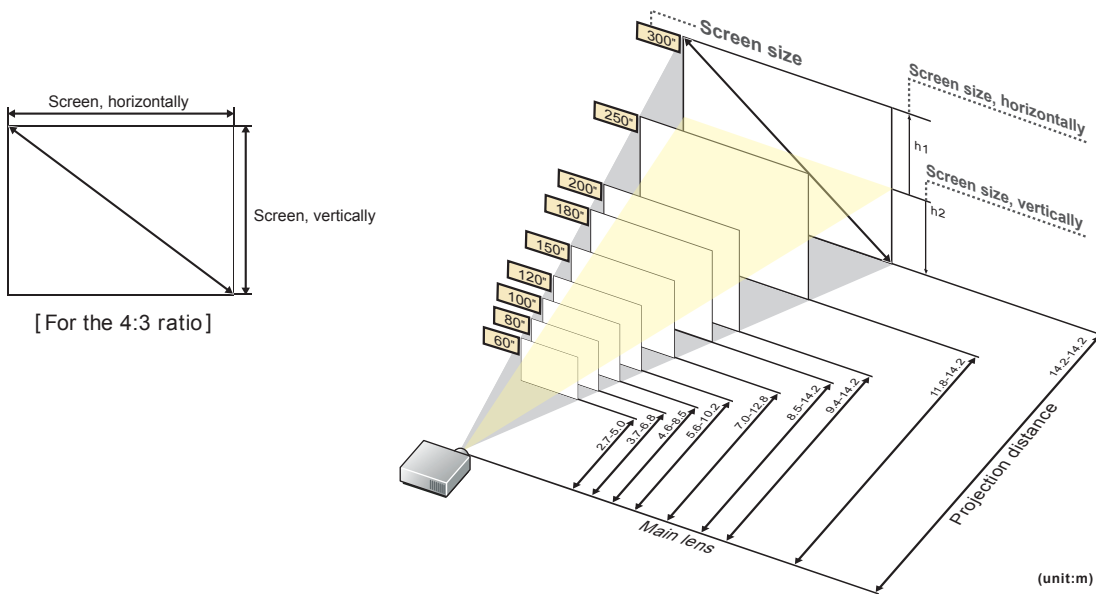
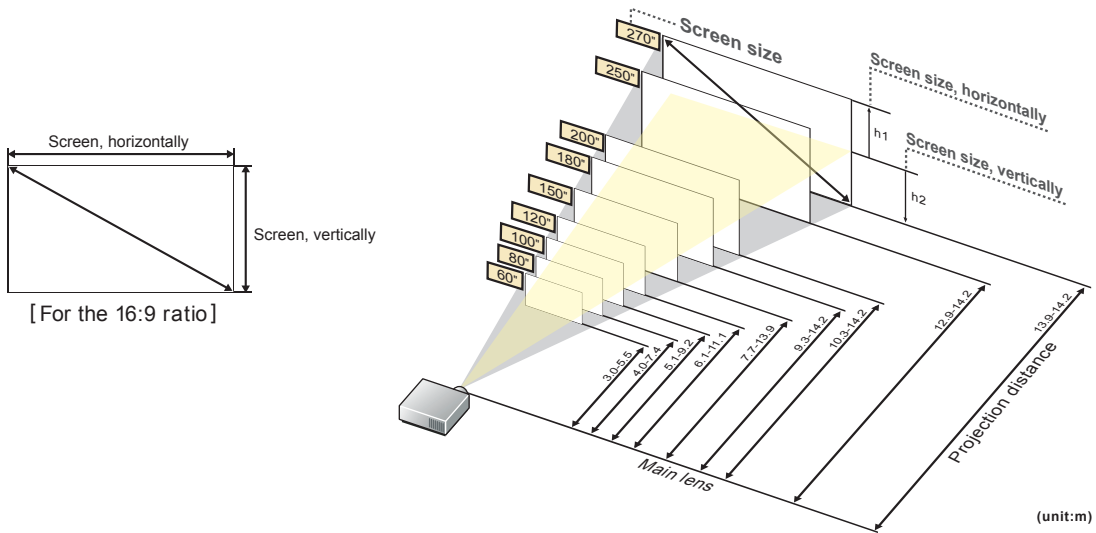


This is the throw distance ratio when the screen size is 100. Since design values are used, there will be some disparity.



4:3												
Screen size	inch							60"	70"	80"	90"	100"
Screen size, horizontally	m							1.2	1.4	1.6	1.8	2.0
Screen size, vertically	m							0.9	1.1	1.2	1.4	1.5
Projection distance (Shortest to longest)	m							2.7-5.0	3.2-5.9	3.7-6.8	4.2-7.6	4.6-8.5
h1=h2	cm							46	53	61	69	76
Screen size	inch	110"	120"	130"	140"	150"	160"	170"	180"	190"	200"	210"
Screen size, horizontally	m	2.2	2.4	2.6	2.8	3.0	3.3	3.5	3.7	3.9	4.1	4.3
Screen size, vertically	m	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.9	3.0	3.1
Projection distance (Shortest to longest)	m	5.1-9.3	5.6-10.2	6.1-11.1	6.6-11.9	7.0-12.8	7.5-13.6	8.0-14.2	8.5-14.2	9.0-14.2	9.4-14.2	9.9-14.2
h1=h2	cm	84	91	99	107	114	122	130	137	145	152	160
Screen size	inch	210"	220"	230"	240"	250"	260"	270"	280"	290"	300"	310"
Screen size, horizontally	m	4.3	4.5	4.7	4.9	5.1	5.3	5.5	5.7	5.9	6.1	6.3
Screen size, vertically	m	3.2	3.4	3.5	3.7	3.8	4.0	4.1	4.3	4.4	4.6	4.7
Projection distance (Shortest to longest)	m	9.9-14.2	10.4-14.2	10.9-14.2	11.4-14.2	11.8-14.2	12.3-14.2	12.8-14.2	13.3-14.2	13.7-14.2	14.2-14.2	14.7-14.2
h1=h2	cm	160	168	175	183	191	198	206	213	221	229	237



16:9												
Screen size	inch							60"	70"	80"	90"	100"
Screen size, horizontally	m							1.3	1.5	1.8	2.0	2.2
Screen size, vertically	m							0.7	0.9	1.0	1.1	1.2
Projection distance (Shortest to longest)	m							3.0-5.5	3.5-6.4	4.0-7.4	4.6-8.3	5.1-9.2
h1=h2	cm							37	44	50	56	62
Screen size	inch	110"	120"	130"	140"	150"	160"	170"	180"	190"	200"	210"
Screen size, horizontally	m	2.4	2.7	2.9	3.1	3.3	3.5	3.8	4.0	4.2	4.4	4.6
Screen size, vertically	m	1.4	1.5	1.6	1.7	1.9	2.0	2.1	2.2	2.4	2.5	2.6
Projection distance (Shortest to longest)	m	5.6-10.2	6.1-11.1	6.6-12.1	7.2-13.0	7.7-13.9	8.2-14.2	8.7-14.2	9.3-14.2	9.8-14.2	10.3-14.2	10.8-14.2
h1=h2	cm	68	75	81	87	93	100	106	112	118	125	131
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	10.8-14.2	11.3-14.2	11.9-14.2	12.4-14.2	12.9-14.2	13.4-14.2	13.9-14.2				
h1=h2	cm	131	137	143	149	156	162	168				