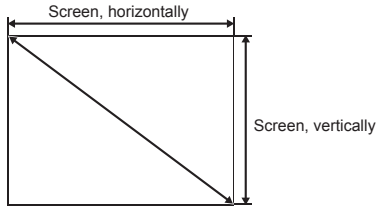
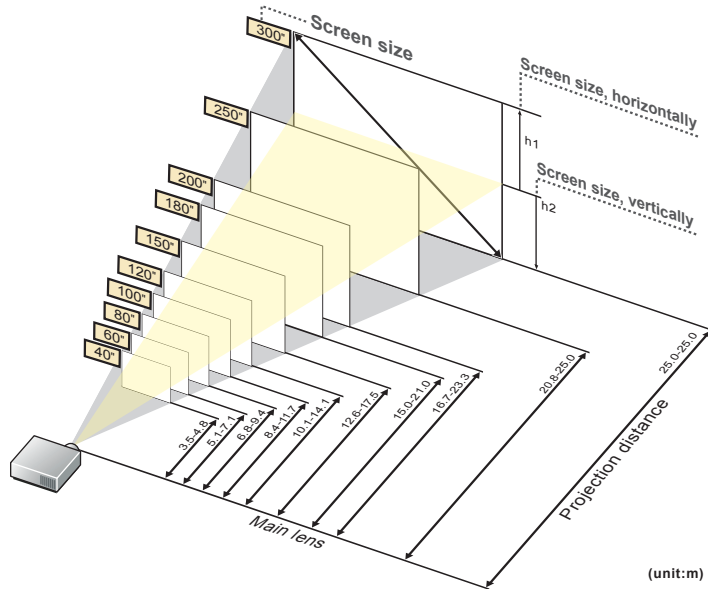


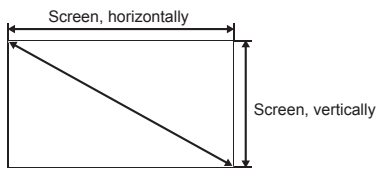
This is the throw distance ratio when the screen size is 100. Since design values are used, there will be some disparity.



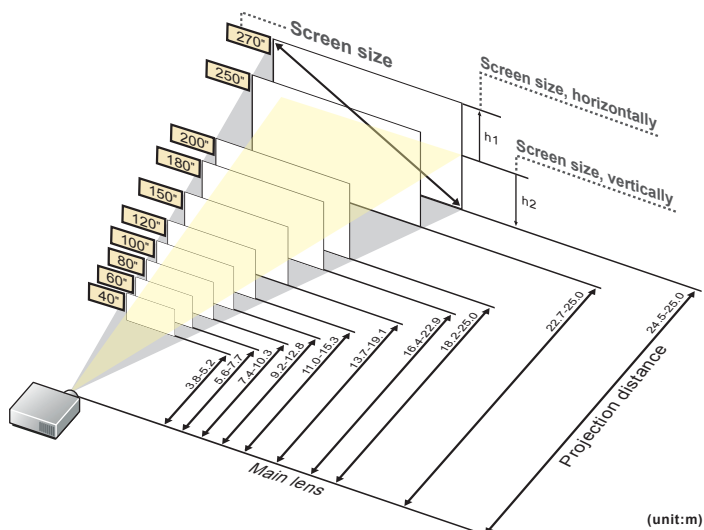
[For the 4:3 ratio]



| 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 | | | | |