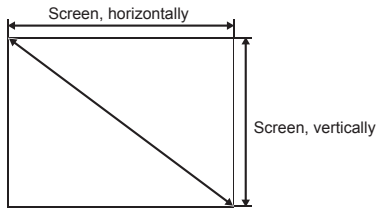
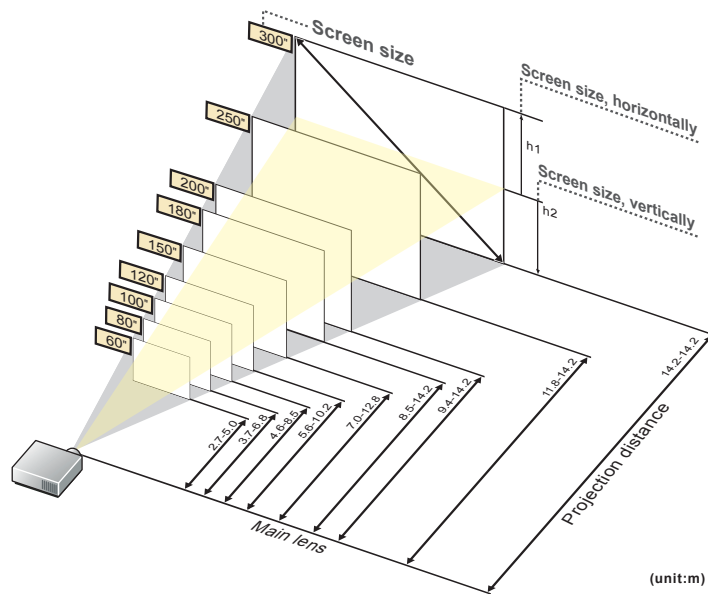


This is the throw distance ratio when the screen size is 100. Since design values are used, there will be some disparity.

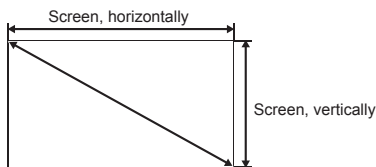


[For the 4:3 ratio]

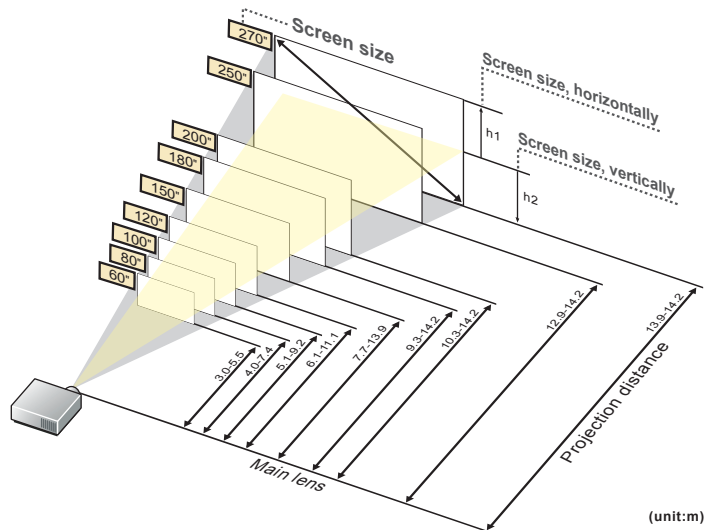


4:3

| | | | | | | | | | | | | |
|---|------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Screen size | inch | | | | | | | 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" | 220" |
| Screen size, horizontally | m | 2.2 | 2.4 | 2.6 | 2.8 | 3.0 | 3.3 | 3.5 | 3.7 | 3.9 | 4.1 | 4.4 |
| Screen size, vertically | m | 1.7 | 1.8 | 2.0 | 2.1 | 2.3 | 2.4 | 2.6 | 2.7 | 2.9 | 3.0 | 3.3 |
| 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 | 10.0-14.2 |
| 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" | 330" |
| Screen size, horizontally | m | 4.3 | 4.5 | 4.7 | 4.9 | 5.1 | 5.3 | 5.5 | 5.7 | 5.9 | 6.1 | 6.6 |
| Screen size, vertically | m | 3.2 | 3.4 | 3.5 | 3.7 | 3.8 | 4.0 | 4.1 | 4.3 | 4.4 | 4.6 | 4.9 |
| 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 |



[For the 16:9 ratio]



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" | 220" |
| Screen size, horizontally | m | 2.4 | 2.7 | 2.9 | 3.1 | 3.3 | 3.5 | 3.8 | 4.0 | 4.2 | 4.4 | 4.9 |
| Screen size, vertically | m | 1.4 | 1.5 | 1.6 | 1.7 | 1.9 | 2.0 | 2.1 | 2.2 | 2.4 | 2.5 | 2.8 |
| 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 | 10.9-14.2 |
| 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 | | | | |