**Section 890.APPENDIX A**  **Plumbing Materials, Equipment, Use Restrictions and Applicable Standards**

**Section 890.TABLE K**  **Size and Length of Vents**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Size of Soil or Waste Stack | Fixture Units Connected | Diameter of Vent Required (Inches) | | | | | | | | |
| 1¼ | 1½ | 2 | 2½ | 3 | 4 | 5 | 6 | 8 |
| Maximum Length of Vent (Feet) | | | | | | | | |
| 1¼ | 2 | 30 |  |  |  |  |  |  |  |  |
| 1½ | 8 | 50 | 150 |  |  |  |  |  |  |  |
| 1½ | 10 | 30 | 100 |  |  |  |  |  |  |  |
| 2 | 12 | 30 | 75 | 200 |  |  |  |  |  |  |
| 2 | 20 | 26 | 50 | 150 |  |  |  |  |  |  |
| 2½ | 42 |  | 30 | 100 | 300 |  |  |  |  |  |
| 3 | 10 |  | 30 | 100 | 200 | 600 |  |  |  |  |
| 3 | 30 |  |  | 60 | 200 | 500 |  |  |  |  |
| 3 | 60 |  |  | 50 | 60 | 400 |  |  |  |  |
| 4 | 100 |  |  | 35 | 100 | 260 | 1,000 |  |  |  |
| 4 | 200 |  |  | 30 | 90 | 250 | 900 |  |  |  |
| 4 | 500 |  |  | 20 | 70 | 180 | 700 |  |  |  |
| 5 | 200 |  |  |  | 35 | 80 | 350 | 1,000 |  |  |
| 5 | 500 |  |  |  | 30 | 70 | 300 | 900 |  |  |
| 5 | 1,100 |  |  |  | 20 | 50 | 200 | 700 |  |  |
| 6 | 350 |  |  |  | 25 | 50 | 200 | 400 | 1,300 |  |
| 6 | 620 |  |  |  | 15 | 30 | 125 | 300 | 1,100 |  |
| 6 | 960 |  |  |  |  | 24 | 100 | 250 | 1,000 |  |
| 6 | 1,900 |  |  |  |  | 20 | 70 | 200 | 700 |  |
| 8 | 600 |  |  |  |  |  | 50 | 150 | 500 | 1,300 |
| 8 | 1,400 |  |  |  |  |  | 40 | 100 | 400 | 1,200 |
| 8 | 2,200 |  |  |  |  |  | 30 | 80 | 350 | 1,100 |
| 9 | 3,600 |  |  |  |  |  | 25 | 60 | 250 | 800 |
| 10 | 1,000 |  |  |  |  |  |  | 75 | 125 | 1,000 |
| 10 | 2,500 |  |  |  |  |  |  | 50 | 100 | 500 |
| 10 | 3,800 |  |  |  |  |  |  | 30 | 80 | 350 |
| 10 | 5,600 |  |  |  |  |  |  | 25 | 60 | 250 |

Agency Note: Per Section 890.1580(e), no more than 20 percent of the maximum developed length may be installed in the horizontal position. Vent piping serving floor drains shall be installed in such a manner as to minimize horizontal vent distances.