

4715.2500 SELECTING SIZE OF VENT PIPING.

Subpart 1. **Size determined.** Vent pipe sizes shall be determined from part 4715.2520, subparts 5 and 6, on the basis of length and drainage load computed from part 4715.2300, subparts 2 and 3.

Subp. 2. **Minimum diameter of vent piping.** No vent pipe shall be less than 1-1/4 inches in diameter.

Subp. 3. **Individual vents.** The diameter of the individual vents shall be determined from part 4715.2520, subpart 6, but shall in no case be less than one-half the diameter of the fixture drain served.

Subp. 4. **Relief and yoke vents.** The diameter of relief and yoke vents shall be at least one-half the diameter of the soil and waste branch or stack served, nor less than the size of the vent to which they are connected.

Subp. 5. **Circuit or loop vents.** The diameter of circuit or loop vents shall be at least one-half the diameter of the horizontal soil or waste branch to which they connect. Maximum developed length as shown for fixture units in part 4715.2520, subpart 6. See part 4715.2600.

Subp. 6. **Branch vents.** The diameter of branch vents connecting more than one individual vent to a vent stack or stack vent shall be in accordance with part 4715.2520, subpart 6. The branch vent size shall be based upon the number of fixture units connected thereto, and the developed length of the branch vent measured from its vent stack (or stack vent) connection to the farthest fixture drain connection served by the branch vent.

Subp. 7. **Vent headers.** The diameter of vent headers shall be in accordance with part 4715.2520, subpart 6. The vent header size shall be based upon the sum of the fixture unit loads at the stacks vented through such section of the header, and the developed length shall be that of the vent stack having the longest developed length to the open air.

Subp. 8. **Vent stacks.** The diameter of the vent stacks shall be determined from part 4715.2520, subpart 5, based upon the size of the soil or waste stacks served thereby, the number of fixture units connected to the soil or waste stack, and the developed length of the vent stack. Such developed length shall be measured from the lowest connection of the vent stack with the soil or waste stack to the open air.

Statutory Authority: *MS s 326.37 to 326.45; 326B.43 to 326B.49*

History: *L 2007 c 140 art 6 s 15; art 13 s 4*

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