

Special Venting for Island Sinks

2019 California Plumbing Code Section 909.0

Traps for island sinks and similar equipment shall be roughed in above the floor and may be vented by extending the vent as high as possible, but not less than drain board height. The vent is then returned downward and connected to the horizontal sink drain immediately downstream from the vertical fixture drain. The drawing below illustrates the construction of the completed island venting system.

The returned vent shall be connected to the horizontal drain through a wye branch fitting and shall, in addition, be provided with a foot vent taken off the vertical fixture vent by means of a wye branch fitting immediately below the floor. This foot vent extends to the nearest partition and then through the roof to the open air, or may be connected to other vents at a point not less than (6) inches (152.4mm) above the flood level rim of the fixtures served.

Drainage fittings shall be used on all parts of the vent below the floor level. The foot vent shall maintain a minimum slope of one-quarter inch per foot back to the drain. The return bend used under the drain board shall be a one piece fitting or an assembly of a 45 degree (0.79 radius), a 90 degree (1.6 radius), and a 45 degree (0.79 radius) elbow in the order named. Pipe sizing shall be as elsewhere required in the Code. The figure below shows the minimum pipe sizes required.

