

## Electrical Receptacle Wiring For Kitchens

1. A minimum of 2-20Amp circuits are required to serve the kitchen counter top receptacles.
2. **Kitchen Counter Receptacles:** A receptacle shall be installed at each wall counter space 12" or wider. Receptacles outlets shall be installed so that no point along the wall line is more than 24", measured horizontally from a receptacle outlet in that space.
3. **Island Counter Spaces:** At least one receptacle outlet shall be installed at each island counter space with a long dimension of 24" or greater and a short dimension of 12" or greater.
4. **Peninsular Counter Spaces:** At least one receptacle outlet shall be installed at each peninsular counter space with a long dimension of 24" or greater and a short dimension of 12" or greater. A peninsular countertop is measured from the connecting edge.
5. **Separate Spaces:** Countertop spaces separated by range tops, refrigerators or sinks shall be considered as separate spaces.
6. **Receptacle Outlet Location:** Receptacle outlets shall be located not more than 18" above the countertop. Receptacle outlets shall not be installed in a face-up position in the work surfaces or countertops.  
Receptacle outlets shall be permitted to be mounted not more than 12" below the countertop in construction designed for the physically impaired and for island and peninsular countertops where the countertop is flat across its entire surface and there are no means to mount a receptacle within 18" above the countertop, such as in an overhead cabinet. Receptacles mounted below the countertop shall not be located where the countertop extends more than 6" beyond its support base.
7. **Kitchen Receptacles:** All 125-volt, single-phase, 15 and 20-amp receptacles that serve countertop surfaces shall have ground-fault circuit-interrupter protection for personnel.
8. **Bar Sink Receptacles:** All 125-volt, single-phase, 15 and 20-amp receptacles that serve a countertop surface, and are located within 6 feet of the outside edge of a wet bar sink shall have ground-fault circuit-interrupter protection for personnel. Receptacle outlets shall not be installed in a face-up position in the work surfaces or countertops.