

## Product: Combination Oven/Steamer

**Variations:** Many sizes are available from table top units that hold 7 half size bun pans to units that hold up to 18 full size 18" x 26" pans. Some models have manual dial controls and others have digital controls.

**General:** The benefit of combos is that they may be used as convection steamers, or as convection ovens, or as a combination of the two, adding the speed of steaming to the browning and crusting available with high temperature air. Convection steamers cook very rapidly but do not brown the product. This is especially important with roasting meats. Ovens do a great job of colorizing the product but may dry them out, requiring basting, and take significantly longer to cook than a steamer. A combo might be used first in the morning to do baked products, like breads or deserts. After the baking is complete, the unit might be used as a combo unit to do the meat roasting. Finally, as serving time approaches, the unit might be used as a convection steamer to do ala carte steamed products, like vegetables.

**Differences:** There are numerous manufacturers of combo oven/steamers. The major differences are in overall size and capacity of the units and the control packages. Some have digital controls while others find manual controls easier to use and train on. Some manufacturers units are MUCH easier to descale. Some units have glass or solid stainless steel doors, condensate controls, cool down modes, interior lights, and meat probes. Probes allow the user to cook meats to a desired internal temperature, automatically. Some models of some manufacturers are stackable for increased versatility.

**Required Information:** Available voltage and phase on electrical units, gas type on gas units, availability of water and drains is critical. You should have a good idea of the menu that will be cooked in these units so that you can specify the right size unit or combination of units. Floor drains should be located within 6 feet of unit.

**Concerns:** Be careful with these specs. Some people believe that this unit can replace your existing ovens and steamers. Others believe these units to be a great third piece, to augment the ovens and steamers and to back up either piece and add additional volume capability. You would not want to eliminate the other pieces. You may want to be using the ovens for pizza while you are using the steamer or combo for steaming. You cannot use the combo to steam and bake simultaneously. If you purchase two combos you will have that versatility, but the purchase price may be too high. Combos can NOT be used to provide steam to adjacent direct steam kettles. This requires a pressure boiler, as is available with floor mounted steamers. Combos use atmospheric boilers, which cannot power anything else. Don't forget, as with all steam equipment, water conditions are vitally important. Be sure to use a product that has a water treatment device available.



**Product: Combination Oven/Steamers**    **Quantity:** \_\_\_\_\_  
**Manufacturer:** \_\_\_\_\_    **Model #:** \_\_\_\_\_

**Size:**

- Capacity for 7 half size, 13" x 18" pans
- Two compartment unit, capacity for 7 full size, 13" x 18" pans per compartment
- Capacity for 9 full size, 18" x 26" pans
- Two compartment unit, capacity for 9 full size, 18" x 26" pans per compartment

**Power Source:**

- Electric                      *specify voltage:* \_\_\_\_\_    *specify phase:* \_\_\_\_\_
- Gas, Natural or Propane    *specify:* \_\_\_\_\_

**Timer Type:**

- Manual controls
- Digital controls

**Options:**

- Stainless steel stand (Some units are floor mounted, no stand required)
- Extra wire shelves                      *specify quantity:* \_\_\_\_\_
- 12 x 20 x 2 ½" deep solid pans    *specify quantity:* \_\_\_\_\_
- 12 x 20 x 2 ½" deep perforated pans *specify quantity:* \_\_\_\_\_
- Other pans                                  *specify quantity:* \_\_\_\_\_ *specify size:* \_\_\_\_\_
- Water filter matching the water use for the listed model

**Spec:** Other pertinent information should accompany the above to provide a spec that looks something like this:

One combination oven steamer, capacity for 9 full size 18" x 26" pans, to be electric, 208 volt, 3 phase, with glass door and manual operation controls. Unit to include stainless steel stand with pan racks. Unit to include meat core temperature control for automatic roasting. Unit to include Pure Steem water treatment system.

