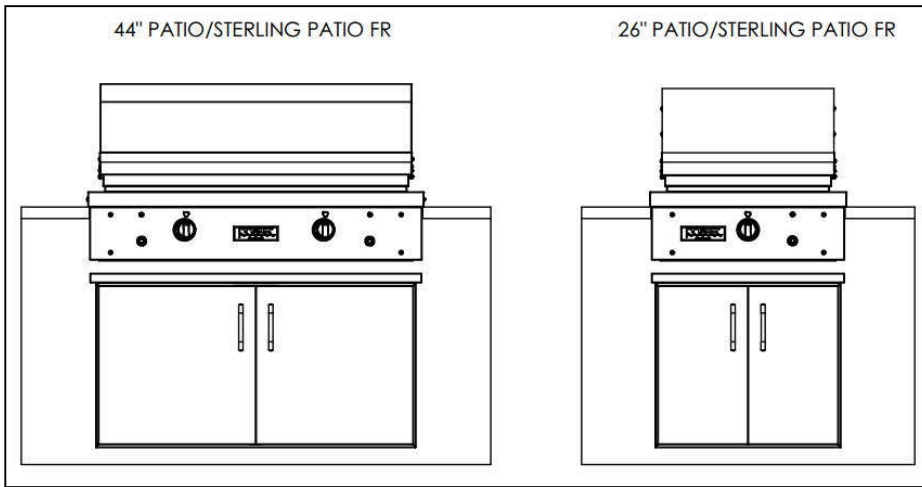


PATIO / STERLING PATIO BUILT-IN SPECIFICATIONS

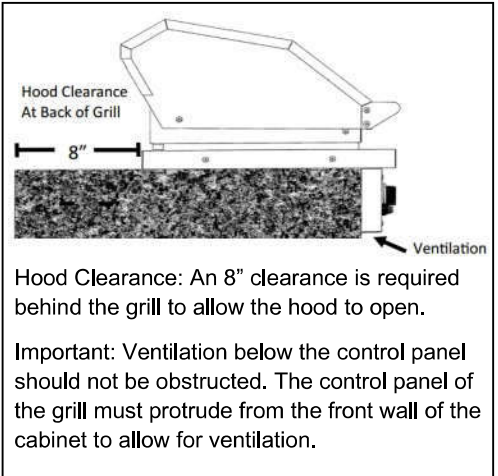
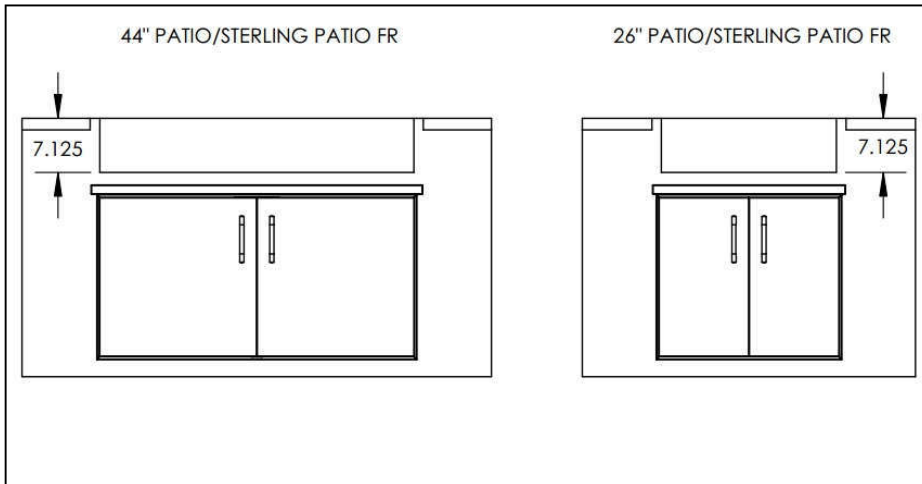
TEC's Built-In Grill is designed for easy installation. The grill drops into the cut out opening shown below and hangs from its countertop trim, no fasteners required. An insulation sleeve is built into every grill. For built-in enclosures when using an LP gas cylinder, special ventilation is required.



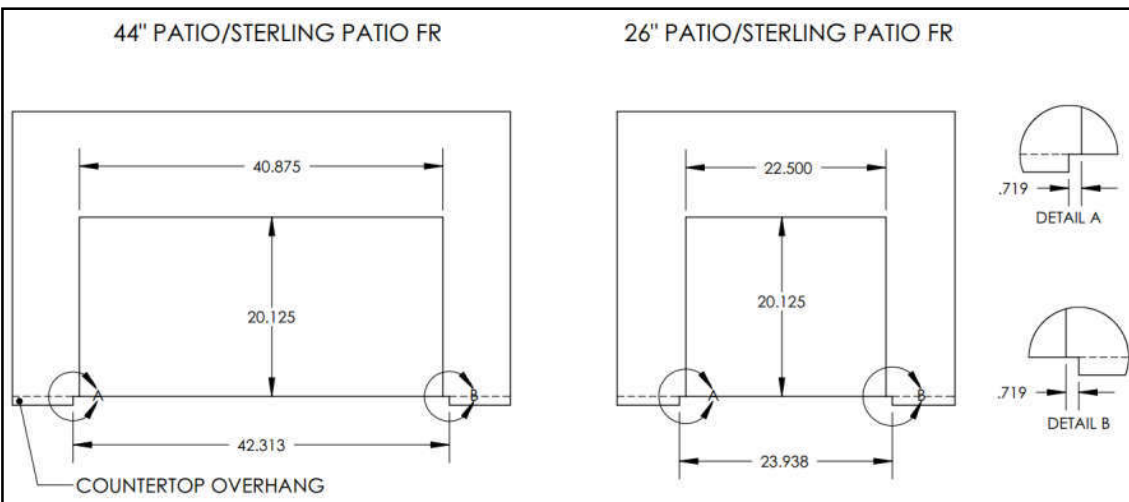
Clearance to Combustibles: Above the countertop, there should be no less than 12" from the left and right sides of the grill and no less than 24" from the back of the grill to combustible materials. If the cabinet enclosure is constructed of combustible materials, the floor must be at least 25.5" below the bottom of the grill. Only cabinet enclosures for LP cylinders must be vented (see Enclosures for Self-Contained LP Gas Cylinders).

CONTROL PANEL CUT OUT DIMENSIONS

HOOD CLEARANCE AND VENTILATION FOR 26" AND 44" GRILLS



COUNTERTOP CUT OUT DIMENSIONS



Countertop Overhang Notch: The countertop overhang must be horizontally notched out .719" on either side of the cut out opening for the grill to accommodate the control panel (See Detail A&B).

Countertop Construction: The countertop must be made of a noncombustible material.

BUILT-IN GRILL INSTALLATION

Important Considerations

Location: Special care should be taken when locating your grill to insure that the prevailing wind does not blow into the rear of the grill. Winds hitting the back of the grill may cause the burner flame to be extinguished. Built-in grills located in areas with prevailing winds should be protected by a wind barrier. TEC offers a stainless steel wind guard that can easily be attached to the back of the grill hood.

Level Surface: Proper leveling of your grill during installation is critical. A grill that is not level can cause erratic burner combustion.

Gas Supply Line: Keep the gas supply line as short as possible to reduce pressure drop.

Proper Air Flow: Proper air flow must be maintained for your grill to perform as your grill was designed. If air flow is blocked, overheating and poor combustion will result. Do not block the front air inlet along the bottom of the control panel.

Clearance to Combustibles: Minimum clearances to combustibles must be observed (See Page 5).

Countertop Overhang: The control panel of your grill is longer than the width of the cut opening of the countertop. It is designed to sit flush against the front wall of the grill enclosure (Cabinet / Island). If the countertop of the enclosure extends beyond the front wall creating a countertop overhang, the overhang must be notched out on both sides of the cutout opening to accommodate the full length of the control panel (See Countertop Cutout Dimensions on page 5).

Clearances For Grill Enclosures Built With Combustible Materials

An insulation jacket is installed on all Patio and Sterling Patio Built-In Grills at the factory prior to shipping. However, when a cabinet or island for a built-in Patio or Sterling Patio grill is constructed of combustible materials, the floor of the enclosure must be at least 25.5" below the bottom of the grill.

Enclosures for Self-Contained LP Gas Cylinders

When an LP gas cylinder is installed inside the enclosure, the following guidelines for the cylinder enclosure must be followed:

Location: The access opening into the cylinder enclosure within your cabinet or island must be located directly below the grill. This will allow you to remove the cylinder from the enclosure (if necessary) without disconnecting the gas hose. The access opening for the cylinder should be on the center line of the grill. Inside the enclosure, the cylinder can be mounted at the center of the grill, or the center line of the cylinder can be adjusted 14" to the right or left of center. The countertop surface onto which the grill will be mounted should be at least 35" high so that the gas hose will not touch the floor or ground when it is not connected to the LP cylinder. Otherwise, your gas hose will not be long enough to allow you to remove the cylinder while it is still connected to your grill.

Dimensions: The enclosure must be a minimum of 20" wide and 20" deep and should be at least 35" high in order to accommodate a 20 lb. LP cylinder and allow access to the cylinder valve.

Floor Height: There must be a minimum clearance of 2" and a maximum of 5" between the floor of the cylinder enclosure and the ground.

Door Opening: The door opening of the enclosure must be a minimum of 15" wide and 20" tall to accommodate a 20 lb. LP cylinder. If a door is installed, it must be ventilating and capable of being opened without the use of tools.

Ventilation: For your safety: All enclosures for LP gas cylinders must have ventilation holes to prevent gas build-up in the event of a leak. To properly ventilate a built-in enclosure for an LP cylinder:

1. Leave one side of the cylinder enclosure completely open. The side left open must be directly exposed to the outside air (or)
2. Provide at least two unobstructed ventilation openings (upper and lower) in an exterior side of the cylinder enclosure to achieve direct ventilation to the outside air. Important: Openings cannot vent into other enclosed areas within the island or cabinet. The upper vent openings must be located within 5 inches of the top of the enclosure and shall have a total free area of not less than 1 in²/lb. of stored fuel capacity. The lowest vent opening(s) must be located within 1 inch of the floor of the cylinder enclosure but can extend no higher than 5 inches above the floor. This opening must have a total free area of not less than 1/2 in²/lb. of stored fuel capacity. It can be concealed by cutting the vent opening into the floor on the inside of the enclosure just behind the cabinet doors. This will allow the grill to vent directly to the outside of the cabinet above the toe kick. Every opening shall have a minimum dimension so as to permit the entrance of a 1/8" (3.2mm) rod. It should be noted that the above minimum ventilation is for the purpose of not allowing excessive propane gas to accumulate in the event of a leak.

GAS SUPPLY REQUIREMENTS

Fuel	Max. Inlet Pressure	Min. Inlet Pressure	Burner Operating Pressure
Natural Gas	13.5 IN. WC	5.0 IN. WC	4.0 IN. WC
LP (20 lb tank)	125 psi	12 IN.WC	10.0 IN. WC
LP (Bulk tank)	13.5 IN. WC	12 IN.WC	10.0 IN. WC