FIREMAGIC®

Doors with Tank Tray

Model #s: 53930SC-12T, 53820SC-TL, 53820SC-TR, 33930S-12T, 33820-TSL, 33820-TSR, 23920-1T-S

INSTALLER: Leave these instructions with consumer.
CONSUMER: Retain for future reference.



33820-TSL shown

This document is for general installation. For all other important information including servicing and cleaning, refer to the included DOOR, DRAWER, & PANTRY INSTALL SPECIFICATIONS instructions.

- When installing this unit directly below another unit, only install with Fire Magic built-in products.
- It is recommended that silicon caulking (not supplied) is applied around the back of the door cabinet trim before sliding the cabinet assembly into the opening.
- **This unit must be installed per this instruction.**

CAUTION: Make sure the enclosure is properly vented. See the GRILL ENCLOSURE / VENTILATION REQUIREMENTS, VENTILATION section of your grill owner's manual, and consult your local codes.

CAUTION: FOLLOW ALL THE SAFETY WARNINGS AND INFORMATION FOUND IN THIS INSTRUCTION, ON YOUR PROPANE CYLINDER, AND IN YOUR GRILL OWNER'S MANUAL ABOUT SAFETY, STORAGE, MAINTENANCE, AND PROPER USE OF PROPANE GAS.

1. Remove the protective coating from the door.
2. Create the appropriate cutout in your island enclosure as specified for your model number. See Table 1 and Fig. 1-1.
3. Insert the door with tank tray housing <u>completely</u> into the opening. See Table 1 for cutout dimensions. Ensure it is flush against the exterior wall. See Fig. 1-1.
4. Install the bracket hardware kit (BK-1) as applicable to your island enclosure. See Fig. 1-2. This kit can be installed using two methods. Find your preferred method on the next page. See the DOOR, DRAWER, & PANTRY INSTALL SPECIFICATIONS instructions for more details on this bracket hardware kit.

Important: When installing in a <u>Fire Magic GFRC Island</u>, this kit is included and is required to be used with installation.

Model #	Height	Width	Depth
53930SC-12T	21"	30 1/2"	20 1/2"
33930S-12T	21"	30 1/2"	20 1/2"
53820SC-T(L,R)	21"	14 1/2"	20 1/2"
33820-TS(L,R)	21"	14 1/2"	20 1/2"
23920-1T-S	20 1/2"	14 1/2"	20 1/2"

Table 1 Cutout dimensions table

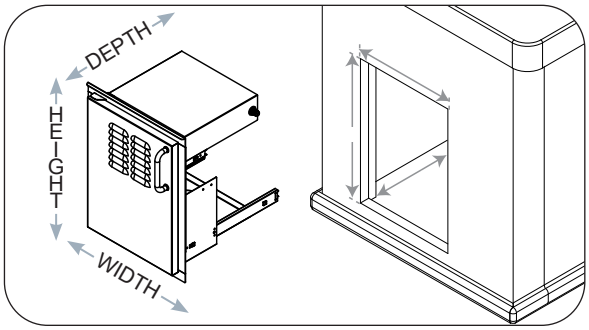


Fig. 1-1 Orientation

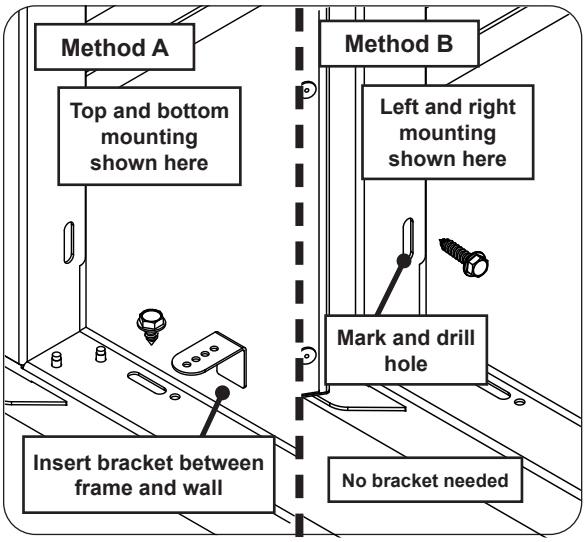


Fig. 1-2 Installation methods

Continue to the next page to install using your selected method.

Method A: Hook Brackets

Note: This method requires access to the interior of the island. If the countertop cannot be removed to install the hook brackets, an access door must be available to reach the interior. Installation steps may vary depending on the specific accessory.

- Use the oblong cutouts (or round holes) on opposite sides of the frame (either top and bottom or left and right). Reach from within the island and insert a bracket where a cutout exists, **between the wall and door frame**. See Fig. 2-1, step 1.

Note: Installation may require a second person to hold the bracket against the wall from within the island enclosure.

Note: **Ensure the bracket flange is positioned away from the frame and rests against the island wall.**

- While holding the rear of the bracket and the front of the frame **firmly** against the concrete wall, align a bracket hole to the frame's hole cutout and insert a supplied short hex screw. Tighten the hex screw with a power drill and 5/16" hex driver (see Fig. 2-3,step 2). DO NOT OVERTIGHTEN.
- Repeat this process for the remaining brackets.

Method B: Long Screws

Note: This method does not require the use of the hook brackets.

- Use the oblong cutouts (or round holes) on opposite sides of the frame (either top and bottom or left and right). Mark the holes as needed.
- Drill pilot holes for each screw. See Fig. 2-2, step 1. It is recommended to use a #21 drill bit (0.159") to drill pilot holes.

Note: The pilot hole depth must accommodate the length of the long screw.

- Insert your door frame into the cutout and position to the pilot holes.
- Insert a long hex screw and tighten with the power drill and 5/16" hex driver (see Fig. 2-2, step 2). DO NOT OVERTIGHTEN.
- Repeat this process for the remaining screws.

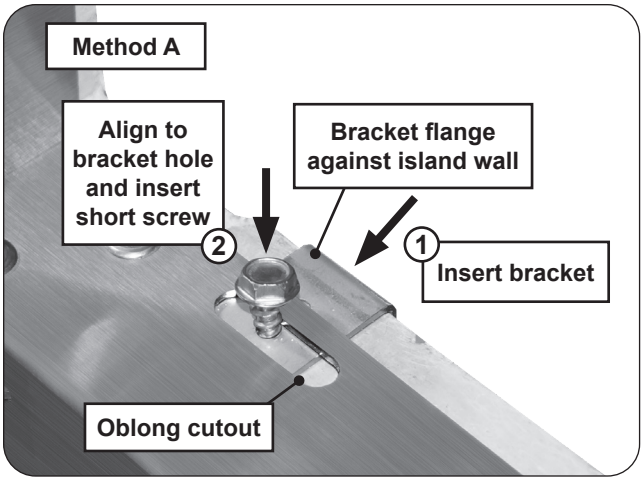


Fig. 2-2 Method A install detail

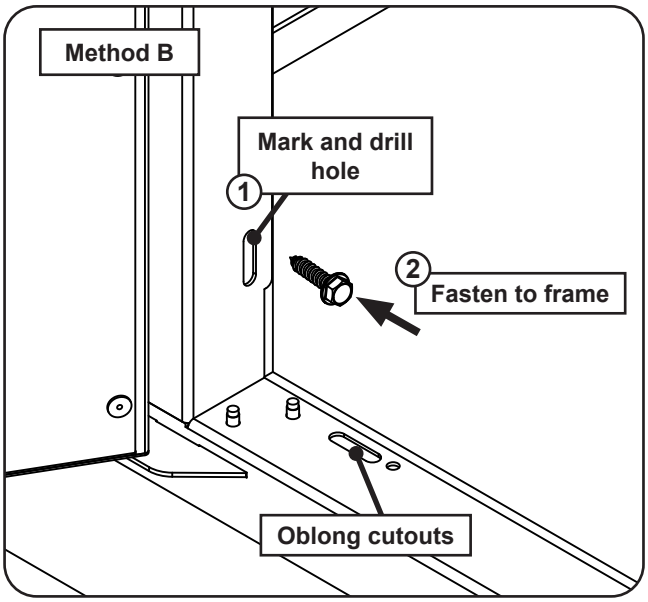


Fig. 2-3 Method B install detail

5. Connect the flex connector (coming from the already installed Fire Magic grill) to the adapter found on the exterior of the door assembly. See Fig. 3-1.
6. Place your propane tank in the door's tank tray and properly connect a regulator hose assembly to it. Then attach the hose to the adapter found on the interior of the door assembly. See Fig. 3-2.

   Refer to the SAFE USE & MAINTENANCE OF PROPANE GAS CYLINDERS section for details on propane cylinder connection and important information.
7. Hook the round end of the pull-latch-screw over the bracket (found on collar of tray).Then snap the pull-latch-handle closed. Ensure the collar is securely holding the cylinder in place. (If needed the pull-latch-screw can be adjusted to tighten or loosen the collar.) See Fig. 3-3.
8. Fasten the door securely into the island enclosure using the appropriate hardware for your enclosure (not supplied) through the installation screw slots in the top and bottom of the unit.

Note: The tank tray may be removed from its slides by pressing the black levers up/down and pulling outward.

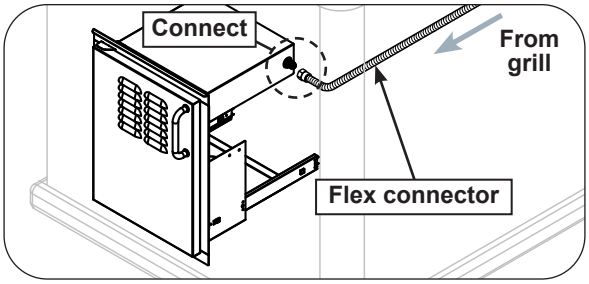


Fig. 3-1 Connect grill flex connector to unit

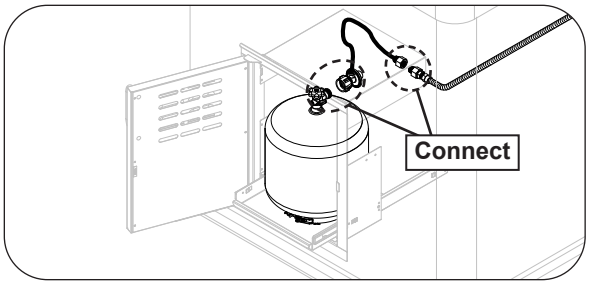
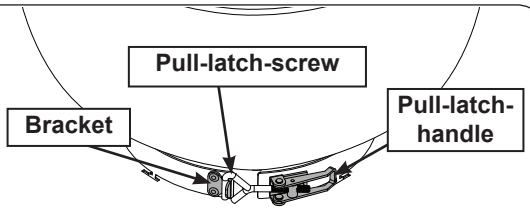


Fig. 3-2 Install tank and connect to unit



Position pull-latch-screw hook over bracket. Snap pull-latch-handle closed. Ensure collar is holding cylinder securely. (The pull-latch-screw can be adjusted to loosen or tighten tension.)

Fig. 3-3 Secure L.P. cylinder

SAFE USE & MAINTENANCE OF PROPANE GAS CYLINDERS

IMPORTANT FOR YOUR SAFETY
READ AND FOLLOW ALL WARNINGS PROVIDED WITH THE PROPANE-GAS CYLINDER.
When operating this appliance with a propane-gas cylinder, these instructions and warnings **MUST** be observed.
FAILURE TO DO SO MAY RESULT IN A SERIOUS FIRE OR EXPLOSION.

For requirements related to ventilation, L.P. Cylinders, and the enclosure, see owner's manual provided with your grill.

CYLINDER/CONNECTOR REQUIREMENTS

a. Propane-gas cylinders, valves, and hoses must be maintained in good condition and inspected before each use of appliance. They must be replaced if there is any visible damage. If hose is cut or shows excessive abrasion or wear, it must be replaced before using appliance (see **e**.).

b. This unit, when used with a cylinder, should be connected to a standard 5-gallon (20 lb.) propane-gas cylinder equipped with a listed overfilling prevention device. The device has been required on all cylinders sold since October 1,1998, to prevent overfilling.

c. Cylinder dimensions should be approximately 12" (30.5 cm) in diameter and 18" (45.7 cm) high. Cylinders must be constructed and marked in accordance with the U.S. Department of Transportation (D.O.T.) *Specifications for LP-Gas Cylinders,* or the Standard for *Cylinders, Spheres, and Tubes for Transportation of Dangerous Goods and Commission,* CAN/CSA-B339, as applicable.

d. The cylinder used must include a collar to protect the cylinder valve. The cylinder supply system must be arranged for vapour withdrawal. See Fig. 4-1.

e. When used with a cylinder, the gas supply system must be used with a pressure regulator. The pressure regulator and hose assembly **(not supplied)** used must match the specification for Type I by ANSI Z 21.58/CGA 1.6 and must comply with UL 144 as a part of the self-contained LP gas supply system (see Fig. 4-1).

f. The propane-gas cylinder valve must be equipped with a cylinder connection device, described as Type I in the standard defined in paragraph **e**. above. This device is commonly described as an Acme thread coupler.

g. If the cylinder comes with a dust plug, place it on the cylinder valve outlet whenever the cylinder is not in use. Only install the type of dust cap on the cylinder valve outlet that is provided with the cylinder valve. Other types of caps or plugs may result in leakage of propane.

COUPLER OPERATION

To connect the regulator/hose assembly to the propane-gas cylinder valve fitting: Press the hand nut on the regulator over the Acme thread fitting on the cylinder valve. Turn the hand nut clockwise to engage the threads and tighten until snug. The use of pliers or a wrench should not be necessary. Only cylinders marked “propane” may be used.

To disconnect: Turn the hand nut counterclockwise until detached (Fig. 4-1).

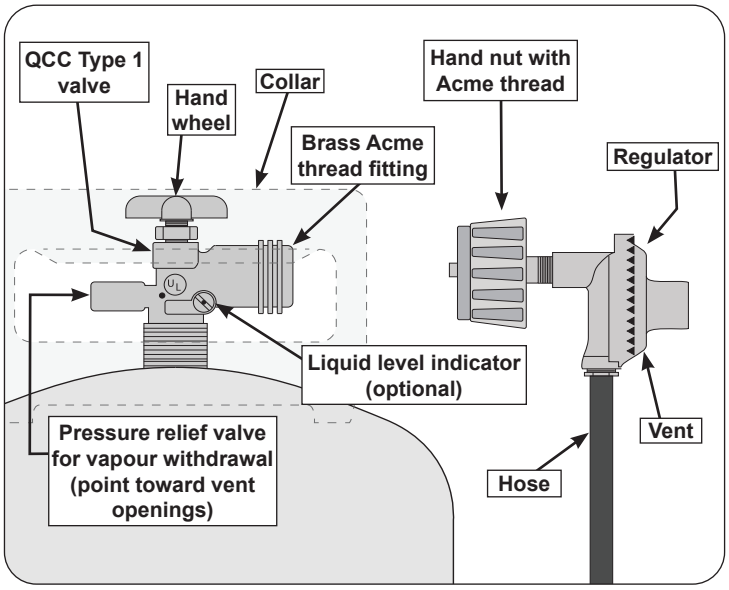


Fig. 4-1 Type I Acme thread coupler

SAFE USE & MAINTENANCE OF PROPANE GAS CYLINDERS (cont.)

Important: Before using the unit, and after each time the cylinder is removed and reattached, check the hose for wear (see **a**.) and check all connections for leaks. Turn off the unit valves and open the main cylinder valve, then check connections with soapy water. **NEVER USE A FLAME TO CHECK FOR LEAKS.** Repair any leaks before lighting the unit.

CAUTION: Always turn the propane cylinder main valve off after each use, and before moving the unit and cylinder or disconnecting the coupling. This valve must remain closed and the cylinder disconnected while the appliance is not in use, even though the gas flow is stopped by a safety feature when the coupler is disconnected.

Carefully inspect the hose assembly each time before the gas is turned on. A cracked or frayed hose must be replaced immediately.

If the appliance is stored indoors, the cylinder must be disconnected and removed. Disconnected cylinders must be stored outdoors, out of the reach of children, with threaded valve plugs tightly installed, and must not be stored in a building, garage, or any other enclosed area.

FOR YOUR SAFETY

A. DO NOT store a spare propane-gas cylinder under or near this appliance.

B. NEVER fill the cylinder beyond 80-percent full.

C. IF THE INFORMATION IN **a.** AND **b.** IS NOT FOLLOWED EXACTLY, A FIRE CAUSING DEATH OR SERIOUS INJURY MAY OCCUR.

D. **CGA 791 connections on LP gas cylinders:** The cylinder face elastomeric face seal element (rubber seal) on these devices could, over time, show marked and visible damage or deterioration that might cause a leak even with the connection tightened. A visual inspection for the seal must be carried out every time a LP gas cylinder is replaced or refilled. Any LP gas cylinder showing signs of damage or deterioration as illustrated in Fig. 5-1, including visible cracks and pitting, must be replaced.

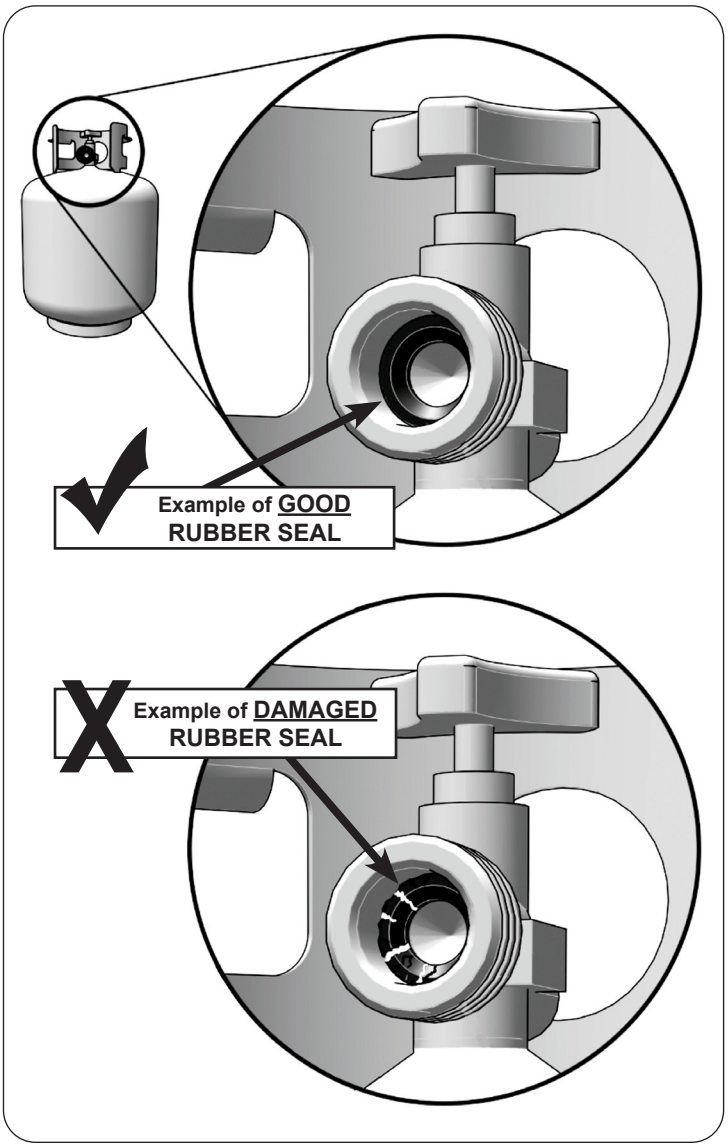


Fig. 5-1 Inspect rubber seal

WARRANTY

PETERSON FIRE MAGIC DOOR, DRAWER, & PANTRY
LIMITED WARRANTY

THREE-YEAR WARRANTY - Fire Magic® Premium Flush and Echelon Black (5 Series) doors, drawers, and pantries are warranted for **THREE (3) YEARS** from the date of purchase.

TWO-YEAR WARRANTY - Fire Magic® Select (3 Series) doors and drawers are warranted for **TWO (2) YEARS** from the date of purchase.

ONE-YEAR WARRANTY - Fire Magic® Legacy (2 Series) doors and drawers are warranted for **ONE (1) YEAR** from the date of purchase.

A COPY OF YOUR SALES SLIP FOR PROOF OF PURCHASE IS REQUIRED

This warranty applies to the original purchaser for products which are installed in the United States or Canada and which are operated and maintained as intended for single family residential usage (if the unit is installed in a commercial / multi-user setting, a separate Commercial / Multi-User Limited Warranty applies and is available from RHP). This warranty is valid only with proof of purchase, commences on the date of purchase, and terminates (both as to original and any replacement products) on the anniversary date of the original purchase of the product per the above schedules.

This warranty **does not** cover parts which become defective as a result of negligence, misuse, or use not in compliance with the Installation and Owner's Manual, accidental damage, improper handling, improper storage, improper installation, **lack of required routine maintenance** (as specified in the Installation and Owner's Manual), or electrical damage. Product must be installed as specified in the Installation and Owner's Manual by a **qualified professional installer**. This warranty **does not** apply to normal occurrences that may be expected with any outdoor product such as rust, corrosion, oxidation, or discoloration unless the affected part becomes inoperable. RHP products including valves, pilots and controls are designed and certified to be used as a system. Modifications to products which are not specifically authorized will void this warranty and could render the product to be unsafe. Burners, valves, parts, remotes, accessories, etc. used with this product must be RHP products or this warranty is void.

Warrantied items will be repaired or replaced at RHP's sole discretion. This warranty **does not** cover labor or labor related charges, except as provided by separate specific written programs from RHP. All repair work must be performed by a qualified professional service person and requires prior approval of RHP.

RHP may require the defective product or part to be returned to the factory to determine the cause of failure. RHP will pay freight charges if the product or part is determined to be defective. This warranty does not cover breakage in shipment from our independent distributor to its customer if the damage is determined to have occurred during that shipment.

This warranty specifically excludes liability for **indirect**, **incidental**, or consequential damages. Some states and provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion may not apply to you. This warranty gives you specified legal rights, and you may have other rights that vary from state to state or province.

For additional information regarding this warranty, or to place a warranty claim, contact the RHP dealer where the product was purchased.

When contacting your RHP dealer or the R.H. Peterson Co., please provide the following information:

- Your name, address, telephone number, e-mail
- Sales receipt showing where purchased and date purchased
- Model number, serial number of product, date code
- Relevant information: installer, additions, repairs, when defect was first noted

TO REGISTER YOUR PRODUCT ONLINE GO TO: WWW.RHPETERSON.COM, AND CLICK ON PRODUCT REGISTRATION. THANK YOU FOR YOUR PURCHASE.