

MAKE THE MOST OF YOUR



SIDE BURNER ACCESSORY CARE & USE/INSTALLATION

GAS & ELECTRIC CONNECTIONS

GAS PLUMBING



WARNING

Never connect a gas line directly to the accessory. A pressure regulator must be installed on all gas equipment. All local codes require it and Lynx supplies the correct regulator with your accessory. Removing or failing to install the pressure regulator can result in fire and serious personal injury and will void the warranty.

The accessory is factory set to use either propane (LP) or natural gas (NAT). It is critical that the gas you use matches that which the accessory was set up for. You can verify that by checking the **rating plate**.



The rating plate is located on the heat shield behind the front panel.

Ensure that the gas supplied meets with the minimum pressure requirements.

Do not operate the accessory on any gas other than that for which the accessory has been set.

Fuel	WC Max Inlet	WC Min Under Full Load
Nat Gas	7 in	4 in
LP	14 in	10 in

Water Column Requirements

Both the regulator and the manifold orifices have been tuned for the type of gas specified on the rating plate.

Converting to a different type of gas requires a conversion kit which is included with your side burner accessory and must be installed by a qualified technician.

All installation and all installation parts must conform to local codes with the National Electrical Code, ANSI/NFPA 70-1990 and the National Fuel Gas Code, ANSI Z223.1/NFPA 54 in the U.S. and CGA-B149.1/.2 in Canada.

Canadian installations must conform to CGA-B149.1/.2 natural gas/propane installation code. (Canada)

NATURAL GAS

Lynx recommends that only qualified professionals perform the required plumbing on this product.

The gas supply line must be sized to accommodate the total BTU requirements of all the gas-fired equipment that will be connected to that line.

In no case should pipe less than 3/4" inside diameter or 1" outside diameter be used.

- Calculate the total BTU output of all equipment and refer to "INDEX: Gas Supply Line Runs" for allowable run distances. Failure to meet these minimum requirements may reduce performance of the accessory and any other appliances running on that supply line.
- Always keep supply line runs as short as possible. (See INDEX: "Gas Supply line runs")
- A gas shut-off valve must be installed in an easily accessible location by a qualified plumber.
- Keep any threading compound off of the first two pipe threads to avoid having any small pieces of compound break loose and clog a burner valve or orifice. Do not put sealant on any male end of flare fittings.

Keep last two threads clean



For built-in installations, it is recommended that any flexible pipe used be kept as short as possible. (See INDEX: "Gas Connections" for typical permanent hook up.)

GAS & ELECTRIC CONNECTIONS ...continued

LP GAS

Accessories set up for LP gas come equipped with an LP hose/ regulator assembly for connection to a standard 20 lb. LP cylinder. (Type 1).

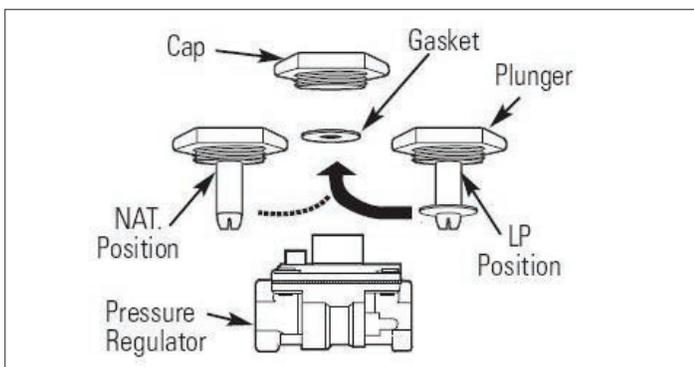
All fittings necessary to attach the assembly to the accessory are included.



LP cylinder with type 1 valve connection

Permanently plumbed LP connections, such as those in line with a bulk cylinder, require a 4/11 regulator. (Lynx P/N 30781)

When using the 4/11 regulator you must ensure that it is set for the proper fuel type. This is done by removing the regulator cap and gasket and looking at the bottom of the plunger to see what fuel type is visible. This is the regulator fuel setting. NAT is for natural gas and LP is for propane gas. The LP setting can be further identified by the large diameter disk on the bottom of the plunger. To change from one gas to the other simply push the plunger to the side to snap it out of the cap, turn the plunger so it reads the desired gas type on the bottom, and push the plunger until it snaps back into place in the cap then replace the cap into the regulator.



Never connect an unregulated gas line to the grill.

When exchanging your cylinder for a refill, exchange only for a Type 1 20lb cylinder with an over-fill protection device.

Never use a cylinder with a damaged valve.

A dented or rusty LP cylinder may be hazardous and should be avoided. If in doubt, have it checked by your LP supplier.

Always check for leaks after every LP cylinder change. (See INDEX: "Leak Testing" for further details.)

Always shut off the LP-gas supply at the cylinder when the accessory is not in use.

Cylinders must be stored outdoors in a well-ventilated area out of the reach of children. If your accessory is stored indoors, the LP cylinder must be stored outside.

LP CONNECTIONS

Make sure the LP cylinder valve is fully closed. It is possible for the valve to be open without releasing gas but, as soon as you start connecting the regulator, gas will leak from the connection.

Insert the regulator inlet into the cylinder valve and turn the black coupler clockwise until the coupler is hand tight. Do not over-tighten this connection.

To disconnect the coupler, first make sure the main cylinder valve is turned off. Grasp the coupler and turn counter clockwise. Always leak-test the connection after refilling or exchanging LP cylinders. (See INDEX: "Leak Testing" for further details.)

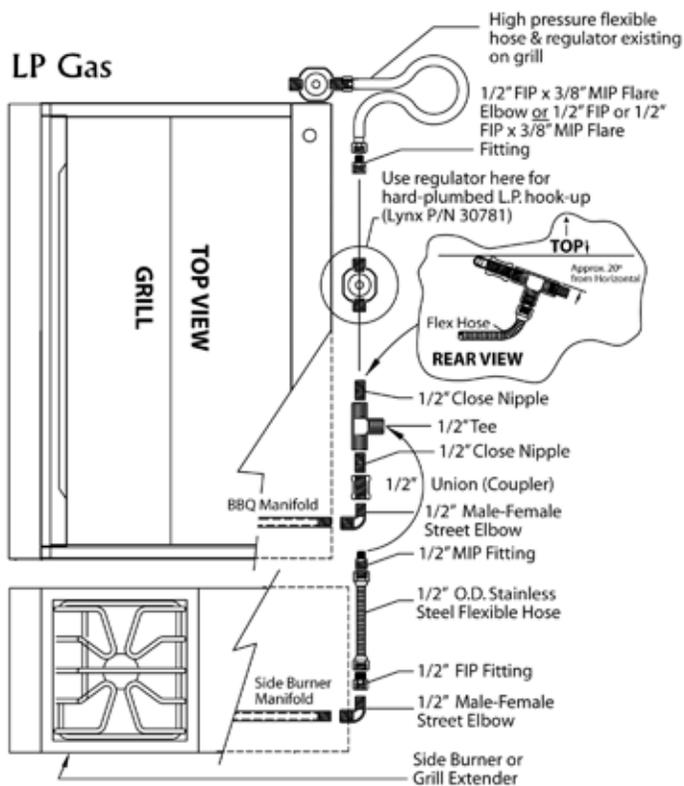
GAS CONVERSION KITS

Gas conversion kits are available from Lynx Grills to allow the grill to operate on either Natural Gas or LPG. These kits should be installed by a qualified technician.

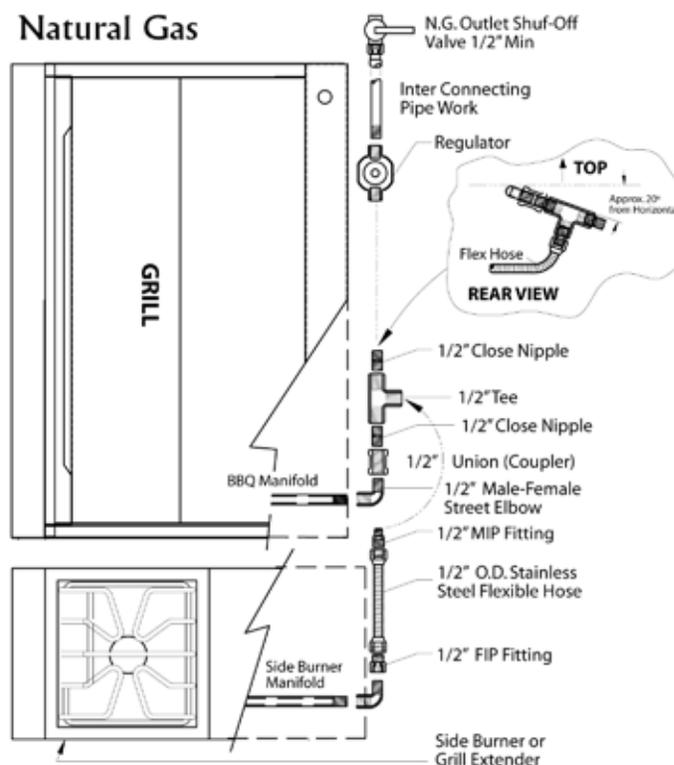
These kits come with complete installation instructions. These instructions should be read completely and fully understood before installing the conversion kit.

GAS & ELECTRIC CONNECTIONS ...continued

PROPANE HOOK UP



NATURAL GAS HOOK UP



WARNING

COLD WEATHER WARNING: PROPANE

Extremely cold temperatures may cause your burner to light *inside* the burner instead of *outside*. Once lit, if you hear a 'whooshing' sound, immediately turn the burner knob off to extinguish the flame and then immediately re-light the burner.

MAXIMUM RUNS FOR ALL APPLIANCES ON SUPPLY LINE

Run Length 3/4" Pipe (in feet)	Max BTU for all Appliances on line
10	360,000
20	245,000
30	198,000
40	169,000
50	150,000
60	135,000
70	123,000
80	115,000

ELECTRICAL CONNECTIONS

OPTIONAL ELECTRICAL KITS

Each accessory includes 6 feet of wiring (coiled inside the back of the accessory) to connect the accessory to a Lynx grill. Additionally, Lynx manufactures 2 specialized electrical kits that you may purchase for your accessory, depending upon how it will be installed. Each electrical kit ships with an instructional sheet for assembly. Assembly instructions and schematics/drawings can also be found on our website at www.lynxgrills.com.

- **LASK Lynx Accessory Switch Kit** This switch and transformer kit allows independent control of a Lynx accessory burner without connection to a grill. The kit contains a transformer and mounting bracket as well as a switch assembly with a mounting plate. The kit also contains a wiring harness to adapt an L series accessory to an M series switch and transformer.
- **LPEK Lynx Power Extension Kit** The Lynx Power Extension Kit provides 12 feet of additional wire between your Lynx Grill and accessory burner.

Installation requires an outdoor 120VAC 15A GFI (Ground Fault Interrupter) electrical outlet adjacent to the accessory.

The GFI outlet features an internal breaker that reduces shock hazard. This type of outlet should be installed by a qualified electrician either inside the island enclosure for built-in units, or near the location where a free-standing unit will be used.

For built-in accessories, the supplied 12V transformer is connected to the accessory during installation.

If the electrical system fails to operate, a connection may have come loose in shipping or the GFI may have tripped, requiring a reset. See the Troubleshooting section for more details.

CONNECTING THE WIRING

The accessory electrical harnesses are designed to provide power for both ignition and lighting. While ignition is controlled at the accessory, lighting is controlled at the grill.

You can control lighting at the accessory by installing the Lynx Accessory Light Switch (LASK).

Disconnect the 4-pin connector on the grill and connect those plugs to the mating plugs on your accessory. (See Index "Electrical Connections")

Important note: If using multiple Lynx accessories with the Control Illumination/Blue LED'S, a connector for this purpose is built into the accessory wiring. This will allow you to use the light switch on your Lynx grill to actuate the power on more than one accessory.

TESTING THE INSTALLATION

Before turning the gas supply on, check for proper installation using the following test:

1. Plug the transformer back into the receptacle.
2. Push in the gas control knob on your accessory and watch the igniter. It should glow bright and steady.
3. Turn on the light switch on the grill. Both the grill and the grill accessory lights should operate together. This indicates a proper assembly.

Turn the gas on to all appliances.

4. Perform a leak test if you have not done so since plumbing the unit.
5. Check all burners for proper ignition. Refer to the Lighting Instructions for Side Burners.

LEAK TESTING



DANGER!

To prevent fire or explosion hazard, DO NOT smoke or allow any potential source of ignition (sparks, electrical arcing, etc) in the area while performing a leak test. Leak tests should be conducted outdoors only. Never conduct a leak test using fire or flame.

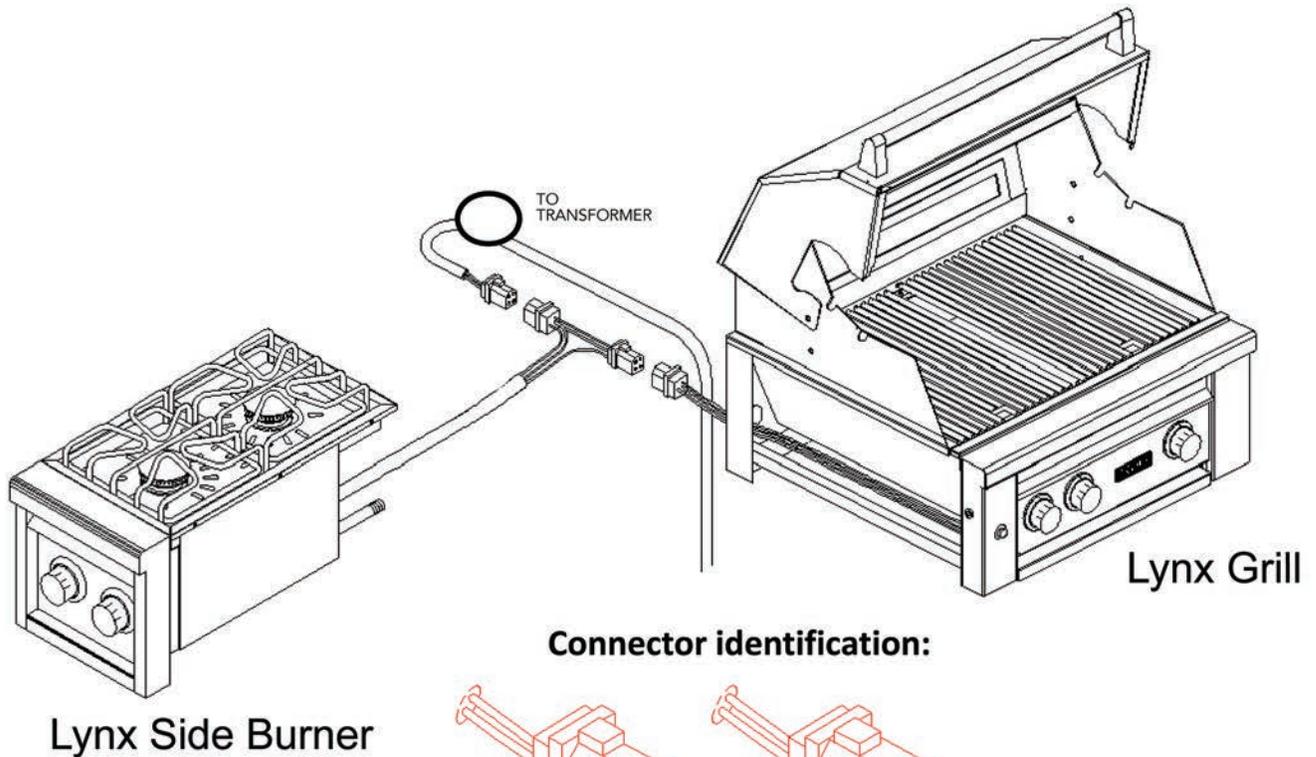
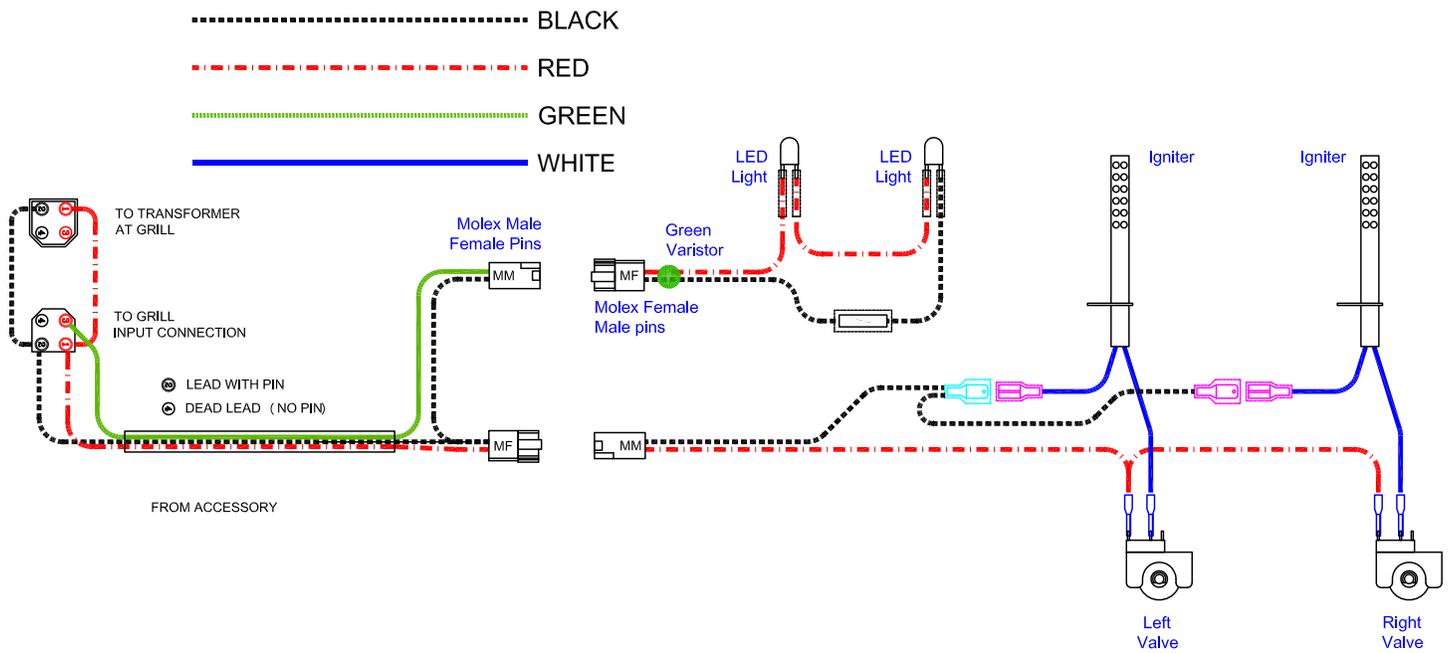
Leak Test Procedure:

1. Create a soapy solution of 1 part soap and 3 parts water.
2. Confirm that all control knobs are in the off position.
3. Turn on the fuel supply. For natural gas, turn the valve handle 1/4 turn to align with the gas flow.
4. For LP, turn the cylinder valve knob counter clockwise one full rotation.
5. Apply the soap solution generously by paint brush or squirt bottle on all connections and fittings.
6. If bubbles appear to "grow" on any of the connections, you have a gas leak. IMMEDIATELY turn off the gas supply.

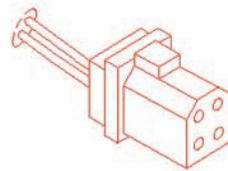
FIXING A GAS LEAK

1. Shut off the gas supply
2. Turn all grill controls to the "ON" position to purge the grill of any gas build-up, then turn the controls back "OFF".
3. Wash off the soapy solution with cold water and dry.
4. Tighten the loose joint, or replace the faulty part with manufacturer-recommended replacement parts.
5. DO NOT attempt to repair the LP cylinder valve if it is damaged. The only way to safely resolve a damaged cylinder is to REPLACE IT.
6. Repeat the leak test to ensure that no leaks are present.

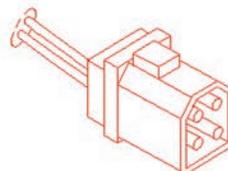
SCHEMATICS



Connector identification:



4 pin PLUG



4 pin RECEPTACLE

SPECIFICATIONS & INSTALLATION

The guides, measurements and dimensions detailed below are designated to assist you with planning your outdoor kitchen.

NOTE: Due to continuing product innovation, specifications are subject to change without notice.

IMPORTANT: Please reference the Care & Use / Installation manual for details on gas plumbing requirements, electrical specifications and the proper installation of your Lynx outdoor kitchen equipment. This manual can be downloaded from the Lynx website at www.lynxgrills.com

GRILLS

MODEL	A	B	C
L27	26.00	10.88	22.00
L30	29.00	10.88	24.50
L36	35.00	10.13	22.00
L42	41.00	10.88	24.50
L54	53.00	10.88	24.50

COMPLEMENTARY PRODUCTS

ACCESS DOORS

MODEL	A	B
LDR21-1	19.25	19.00
LDR27-1	25.25	19.00
LDR30-1	28.25	19.00
LDR36-2	34.25	19.00
LDR42-1	40.25	19.00
LDR36T	31.63	19.00
LDR42T	37.63	19.00

SIDE BURNERS

MODEL	A	B	C
LSB1-3	12.13	10.63	12.50
LSB2	12.13	10.63	24.50
LSB2PC	24.25	10.63	24.50
LPB	19.00	10.63	22.00

UTILITY DRAWERS

MODEL	A	B	C
LUDE	12.13	19.25	24.00
LUDXL	17.25	18.57	24.25
LDW19	17.50	19.00	24.50
LMD	21.75	5.63	23.38

WARMING DRAWERS

MODEL	A	B	C
L30WD	28.50	10.00	20.50
L42CC	40.25	19.38	24.50

COCKTAIL PRO

MODEL	A	B	C
CS30	29.00	10.63	22.75

WITH INSULATED JACKET INSTALLED

MODEL	A	B	C
LIJ27	33.00	11.63	24.00
LIJ30	36.00	11.63	26.50
LIJ36	42.00	11.63	24.00
LIJ42	48.00	11.63	26.50
LIJ54	60.00	11.63	26.50

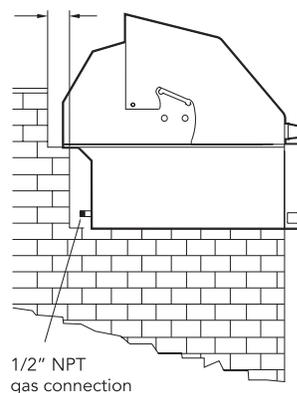
STORAGE SYSTEMS

MODEL	A	B	C
LSA30	28.25	19.00	24.50
LSA36	34.25	19.00	24.50

TRASH CENTERS

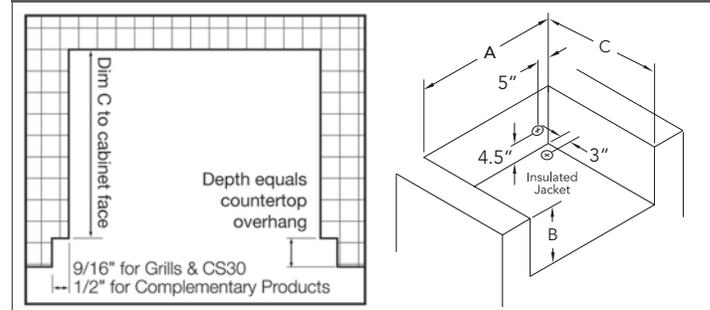
MODEL	A	B	C
L18TC	16.00	24.00	13.00
L20TR	16.81	24.00	24.75
LTA530	28.25	19.00	20.00

3" CLEARANCE



COUNTER TOP NOTCH DETAIL

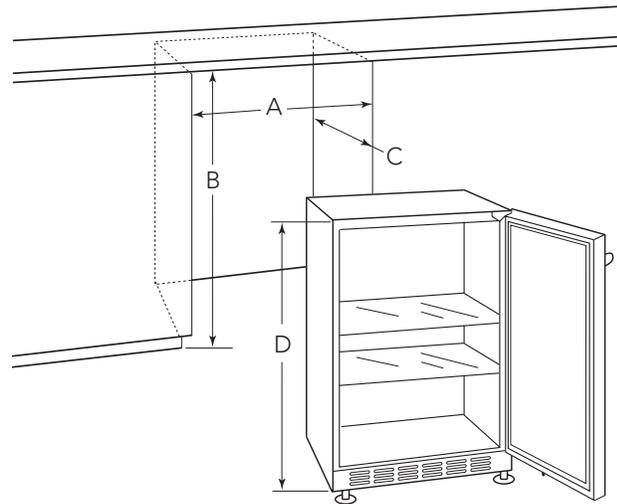
Only required if island counter top overhangs the face of the island



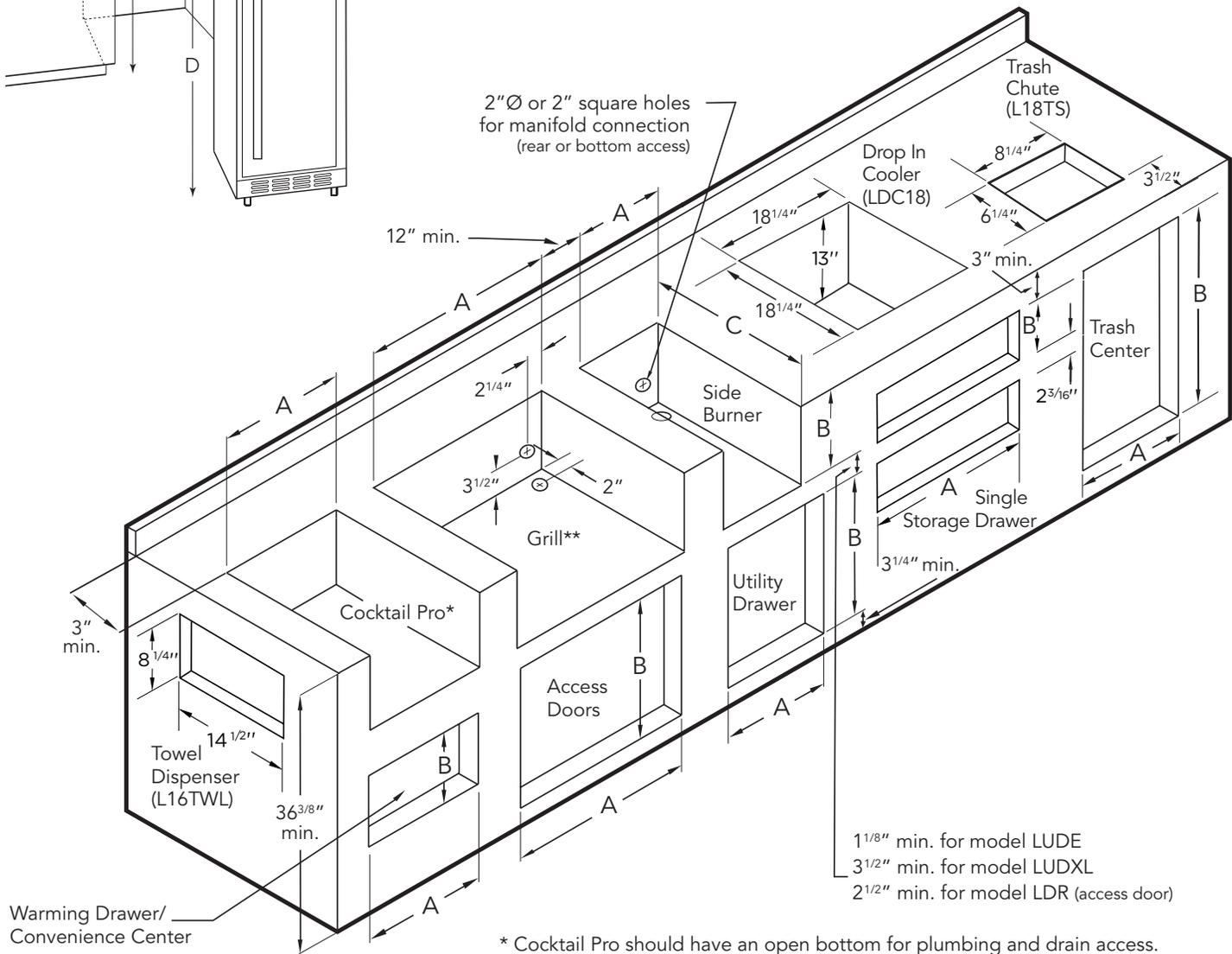
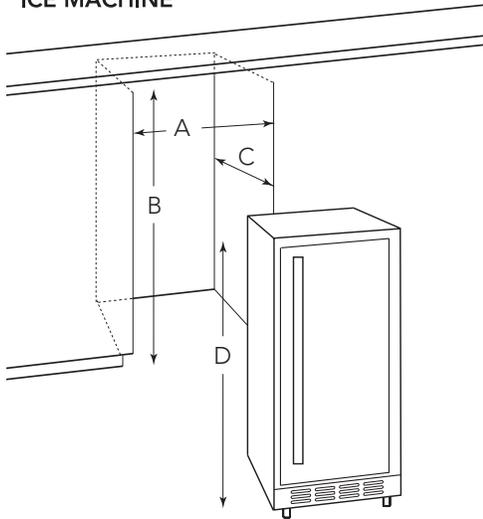
SPECIFICATIONS & INSTALLATION

OUTDOOR REFRIGERATORS

MODEL	A	B	C	D
L24REF	24.25	33.00	26.00	32.00
L24BF	24.25	34.50	26.00	34.25
L24DWR	24.25	34.50	26.00	34.25
L15ICE	15.25	34.00	26.00	33.50



ICE MACHINE



* Cocktail Pro should have an open bottom for plumbing and drain access.
 ** 1" square hole must be located at rear of grill cutout. 120V GFI outlet must be located within 6' of the 1" hole.