



PROFESSIONAL GRILLS

## Gas Plumbing Requirements

- A pressure regulator must be installed on all gas equipment. All local codes require that a pressure regulator be installed. Removing or failing to install the pressure regulator can result in fire and serious bodily harm.
- An installer supplied gas shut-off valve must be installed in an easily accessible location for all hard-plumbed natural gas and liquid propane applications.
- In order for a Lynx Grill to perform properly you must have adequate gas plumbing. Please see the guidelines below to help ensure that you have the appropriate gas plumbing with respect to gas pipe diameter, length of pipe run and the grills BTU requirements.

### **Internal Pipe**

<u>Diameter</u>	<u>10 ft.</u>	<u>20 ft.</u>	<u>30 ft.</u>	<u>40 ft.</u>
1/2"	170,000 BTU	118,000 BTU	95,000 BTU	80,000 BTU
3/4"	360,000 BTU	245,000 BTU	198,000 BTU	169,000 BTU

### **Internal Pipe**

<u>Diameter</u>	<u>50 ft.</u>	<u>60 ft.</u>	<u>70 ft.</u>	<u>80 ft.</u>
1/2"	71,000 BTU	64,000 BTU	60,000 BTU	55,000 BTU
3/4"	150,000 BTU	135,000 BTU	123,000 BTU	115,000 BTU

### **Lynx Grill BTU Requirements**

<u>Grill Model</u>	<u>Main Burners</u>	<u>Rotisserie Burners</u>	<u>Total</u>
L27	50,000 BTU	15,000 BTU	65,000 BTU
L30	50,000 BTU	15,000 BTU	65,000 BTU
L36	75,000 BTU	15,000 BTU	90,000 BTU
L42	75,000 BTU	16,000 BTU	91,000 BTU
L54	100,000 BTU	30,000 BTU	130,000 BTU

### **Water Column Requirements**

**Natural Gas Supply pressure** = 7" water column (17.8 cm) min. and pressure under full load = 4" water column (10.2 cm) minimum.

**Liquid Propane Supply Pressure** = 11-14" water column (27.9 – 35.5 cm), not to exceed 14" water column and pressure = 11" water column (27.0 cm) minimum.

**Note:** *All BTU and water column requirements are approximations.*

For additional information please contact Lynx Technical Service at (888) 289-5969