

PACKAGED GAS UNITS KITS AND ACCESSORIES

505,157M
5/2023
Supersedes 10/2007

GAS PIPING KIT

INSTALLATION INSTRUCTIONS FOR GAS PIPING KIT USED ON LG/LD/KG/KD 024-300S PACKAGED GAS UNITS

Shipping and Packing List

LB-95299A, B, C, F, G, H

Package 1 of 1 Contains:

- 6- Nipples (7 in LB-95299A, D kits)
- 2- Elbows (4 in LB-95299D kits)
- 1- Union
- 1- Valve
- 1- Tee
- 1- Cap
- 2- Grommets (1 in LB-95299A kits; none in H kits)
- 2- Street elbows (LB-95299H kit only)

Application

The gas piping kit is used on LG/LD/KG/KD units. Refer to table 1.

TABLE 1

Kit	Gas Unit	Figure
LB-95299A;	LG/LD 036-072	1
LB-95299H	KG/KD 024-072	2
LB-95299B, F	LG/LD 078-150	4
LB-95299C, G	LG/LD 156-300S	3

Installation

Before connecting piping, check with gas company or authorities having jurisdiction for local code requirements. When installing gas supply piping, length of run from gas meter must be considered in determining pipe size for 0.5" w.c. (.12kPa) maximum pressure drop. Do not use supply pipe smaller than unit gas connection.

For natural gas units, operating pressure at the unit gas connection must be a minimum of 4.5" w.c. (1.19kPa) for 024 through 072 units and 4.7" w.c. (1.17kPa) for 090 through 300S units. Operating pressure maximum must be 10.5" (2.60kPa) w.c.

⚠ WARNING

Improper installation, adjustment, alteration, service or maintenance can cause property damage, personal injury or loss of life. Installation and service must be performed by a qualified installer, service agency or the gas supplier

For LP/propane gas units, operating pressure at the unit gas connection must be a minimum of 11" w.c. (2.74kPa) and a maximum of 13.0" w.c. (3.24kPa).

Compounds used on threaded joints of gas piping shall be resistant to the action of liquified petroleum gases.

- 1- Make sure all power and gas supply to unit are off.
- 2- Complete gas piping as shown in appropriate figure indicated in table 1.
- 3- Use installation instruction provided with unit for pressure and leak testing gas piping and unit start-up.

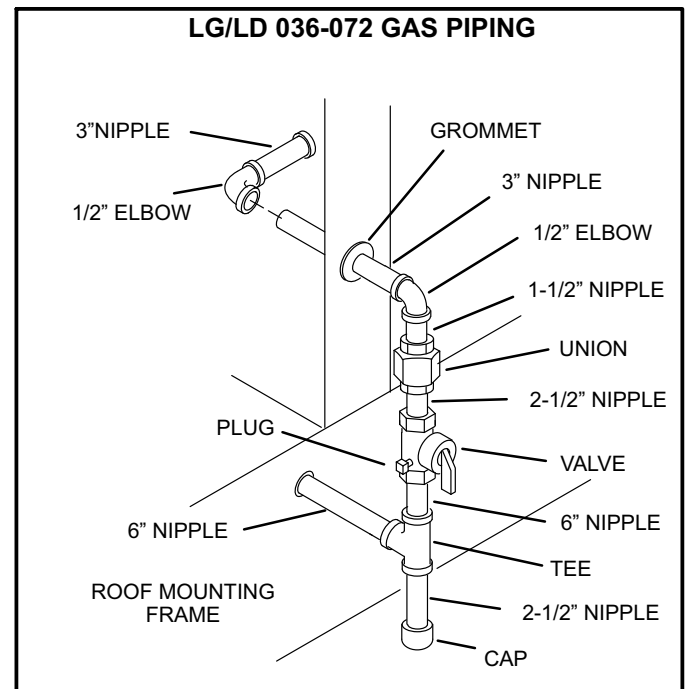


FIGURE 1

KG/KD 024-072 GAS PIPING

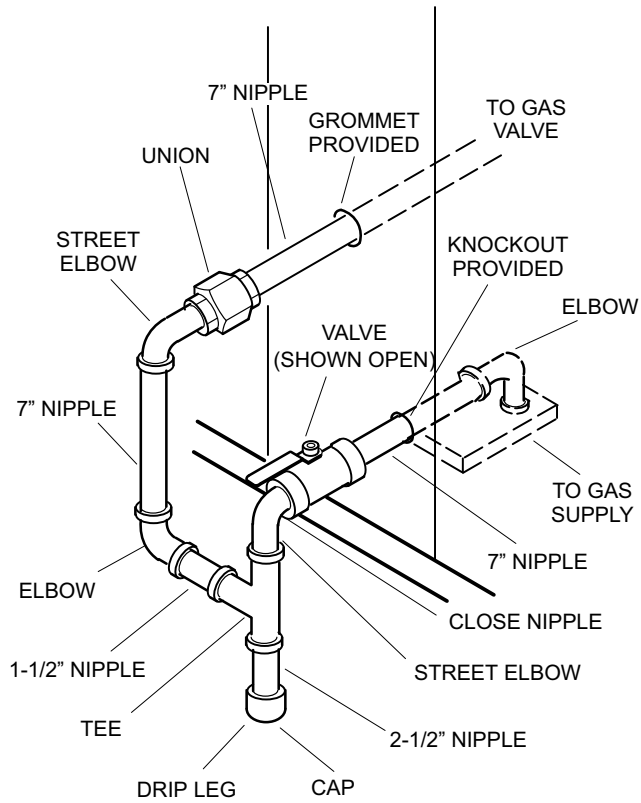


FIGURE 2

LG/LD 156-300S GAS PIPING

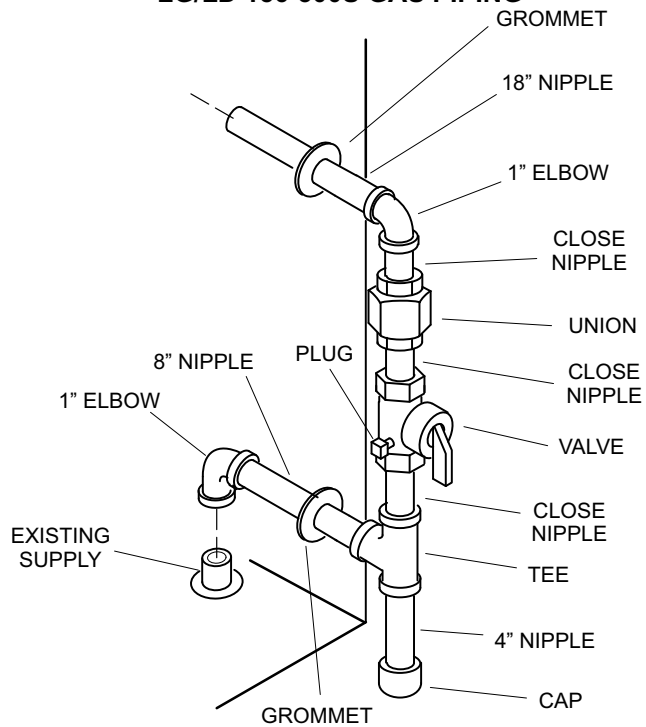


FIGURE 3

LG/LD 090-150 GAS PIPING

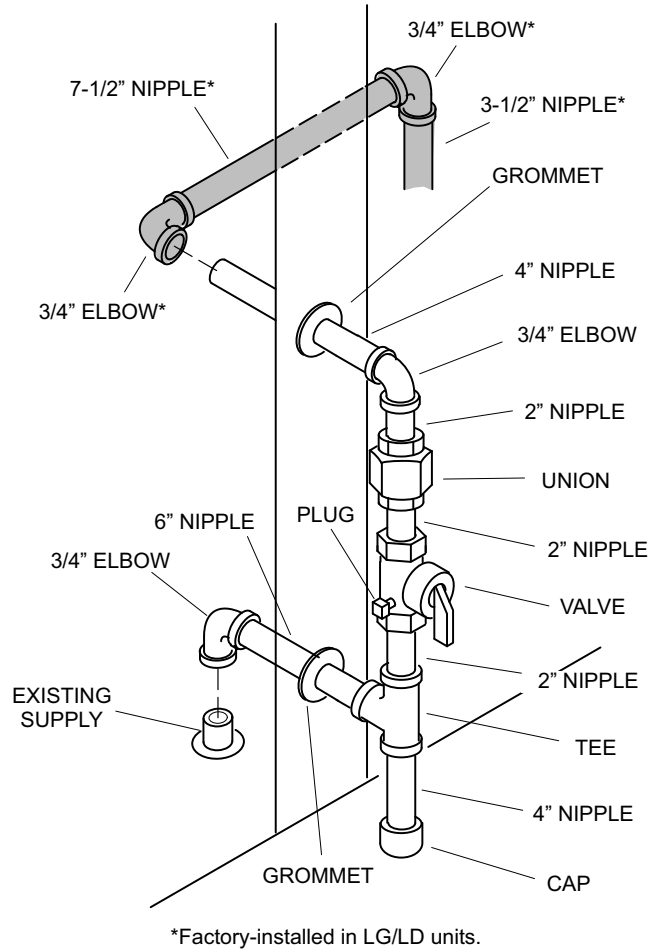


FIGURE 4