PACKAGED GAS UNITS
KITS AND ACCESSORIES

506403
1/2010

BOTTOM GAS PIPING KIT

INSTALLATION INSTRUCTIONS FOR GAS PIPING KIT (54W95; 603446-01)
USED ON LGH/KG 092-150 PACKAGED GAS UNITS

Shipping and Packing List
Package 1 of 1 Contains:
7- Elbows
1- Union
1- Valve
2- Grommets
1- Tee
1- Cap
9- Nipples

Application
The gas piping kit is used on LG/KG units.

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 4.7” w.c. (1.17kPa) and a maximum of 10.5” w.c. (2.60kPa) w.c.

For LP/propane gas units, operating pressure at the unit gas connection must be a minimum of 10.5” w.c. (2.61kPa) 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 figure 1 when routing piping through the curb and figure 2 when routing piping through the unit.
3- Use installation instruction provided with unit for pressure and leak testing gas piping and unit start-up.

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.

CAUTION
Danger of sharp metallic edges. Can cause injury. Take care when servicing unit to avoid accidental contact with sharp edges.

For LP/propane gas units, operating pressure at the unit gas connection must be a minimum of 10.5” w.c. (2.61kPa) 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 figure 1 when routing piping through the curb and figure 2 when routing piping through the unit.
3- Use installation instruction provided with unit for pressure and leak testing gas piping and unit start-up.
FIGURE 2

BOTTOM GAS ENTRY THROUGH THE UNIT

ALL ELBOWS ARE 3/4”

GROMMET

10” NIPPLE

GROMMET

7” NIPPLE

TO GAS SUPPLY

ALTERNATE KNOCKOUTS

ROOF MOUNTING FRAME

Drip Leg

3” NIPPLE

5” NIPPLE

4” NIPPLE

3-1/2” NIPPLE

7-1/2” NIPPLE

4” NIPPLE

10” NIPPLE

MULLION BETWEEN HEAT AND COMPRESSOR SECTIONS

GROUND JOINT UNION

MANUAL MAIN SHUT-OFF VALVE

TO GAS VALVE

TO GAS SUPPLY

4” NIPPLE

3” NIPPLE