



# HE+ SERIES INFRARED GAS HEATER (1-STAGE) CONVERSION KITS INSTRUCTIONS Inputs: 50 to 250 MBH NG to LP

**TOOLS REQUIRED:** - 1/4" Nut Driver, 1/2" Socket Wrench, 3/16" Allen Wrench & Flat Blade Screwdriver

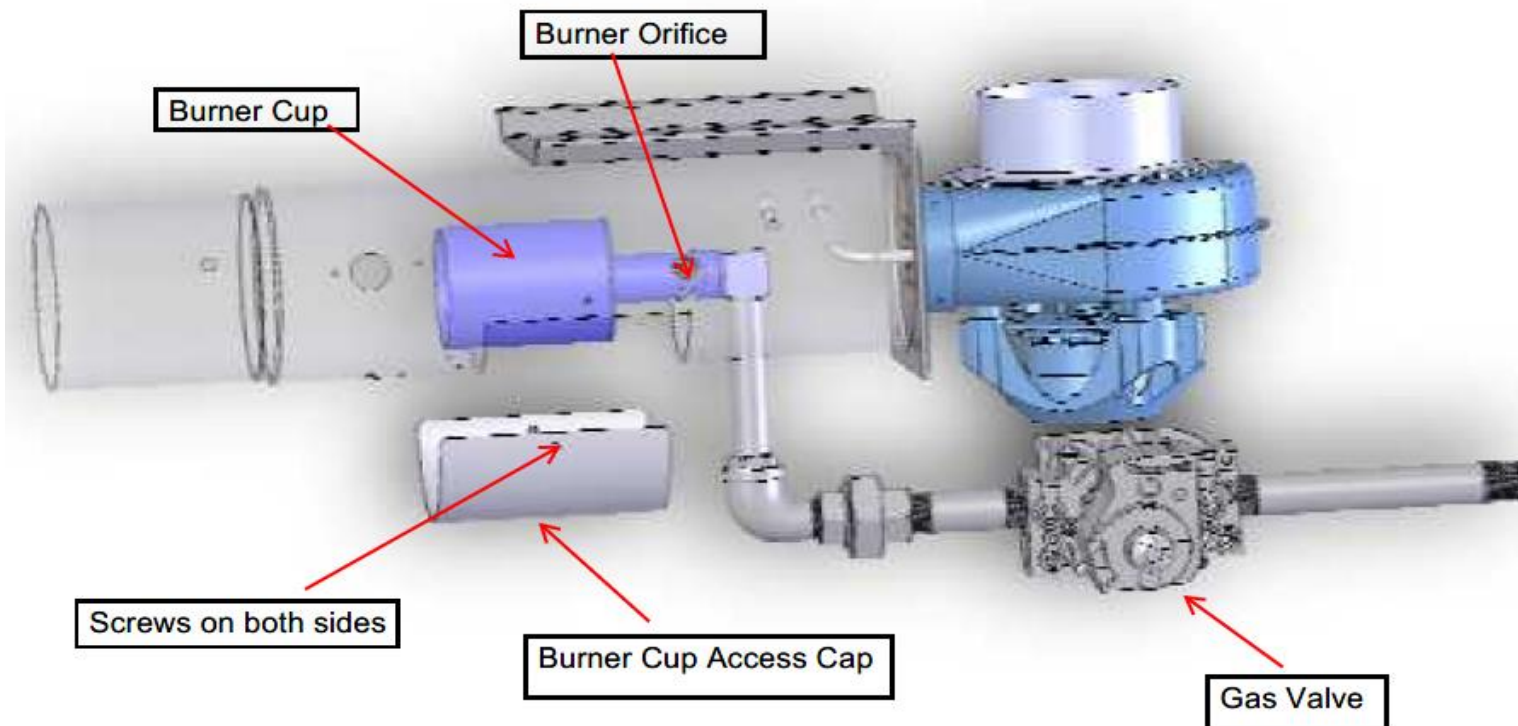
Refer to the **General Instructions and Valve Conversion Instructions** that accompany this kit.

**The gas supply shall be shut off prior to disconnecting the electrical power, before proceeding with the conversion**

- This Conversion Kit shall be installed and serviced only by a qualified gas service agency in accordance with the manufacturer's instructions and requirements of the authority having jurisdiction. If the information in these instructions is not followed exactly, a fire, an explosion or production of Carbon Monoxide may result causing property damage, personal injury or loss of life.
- The qualified service agency is responsible for the proper installation of this kit
- The installation is not proper & complete until the operation of the converted appliance is checked as specified in the manufacturer's instructions supplied with the kit
- Remove **Two Screws** from burner cup access cap to get access to the **Burner cup and Orifice**.
- Unscrew the **Burner Cup** in a counter-clockwise rotation. Use caution not to damage the igniter.
- Remove the existing **Burner Orifice** with an 1/2" socket wrench. Discard the existing Burner Orifice and replace it with the new one. Refer to the included chart for the correct Part # to get size of the orifice & Manifold Pressure
- Please note that the LP orifice has a smaller hole than the NG orifice.
- Reinstall the **Burner Cup & the Access Cap** to the burner – use care do not cross thread.
- **Refer to Honeywell Instruction sheet** to convert the **Combination Gas Valve**:
  - Remove & discard the **Pressure Regulator Cap Screw** and **O-Ring**.
  - Remove & discard the **Adjusting Screw and Spring**.
  - From the Valve Conversion Kit supplied, install the new **Adjustment Spring**, and **Adjusting Screw**, setting it almost to the bottom.

- Using a manometer, check the manifold gas pressure with the heater turned on. Regulate the manifold gas pressure as per the attached chart by turning the Adjusting Screw Clockwise to increase, and counter-Clockwise to reduce the pressure.
- Install new **O-Ring** and **Pressure Regulator Cap Screw** provided
- Affix **Valve Conversion Sticker** to the valve.
- Print Date, Company Name & Address on **Conversion Kit Rating Plate** and affix the plate to the heater in the proximity of the UL rating plate

**Return to General Instructions and complete all steps of leak testing and commissioning**



## Conversion Kits\_HE+ Series (Single-Stage/1-Stage) Heaters\_NG to LP

Kit Part #	Description	Orifice Size/Part # Of		Manifold Pressure for LP
		LP Orifice		
903000042	CONV. KIT SINGLE STAGE SST - 50 MBH - NG TO LP	# 46	906000088	10.0" W.C.
903000043	CONV. KIT SINGLE STAGE SST - 65 MBH - NG TO LP	# 41	906000090	10.0" W.C.
903000044	CONV. KIT SINGLE STAGE SST - 80 MBH - NG TO LP	# 37	906000092	10.0" W.C.
903000045	CONV. KIT SINGLE STAGE SST - 115 MBH - NG TO LP	# 31	906000070	10.0" W.C.
903000046	CONV. KIT SINGLE STAGE SST - 130 MBH - NG TO LP	# 30	906000095	10.0" W.C.
903000047	CONV. KIT SINGLE STAGE SST - 155 MBH - NG TO LP	# 26	906000097	10.0" W.C.
903000048	CONV. KIT SINGLE STAGE SST - 180 MBH - NG TO LP	# 21	906000099	10.0" W.C.
903000049	CONV. KIT SINGLE STAGE SST - 205 MBH - NG TO LP	# 18	906000101	10.0" WC.
903000050	CONV. KIT SINGLE STAGE SST - 225 MBH - NG TO LP	# 16	906000091	10.0" W.C.
903000051	CONV. KIT SINGLE STAGE SST - 250 MBH - NG TO LP	# 14	906000104	10.0" W.C.