



HE+ SERIES INFRARED GAS HEATER (2-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 & Phillips Screwdriver

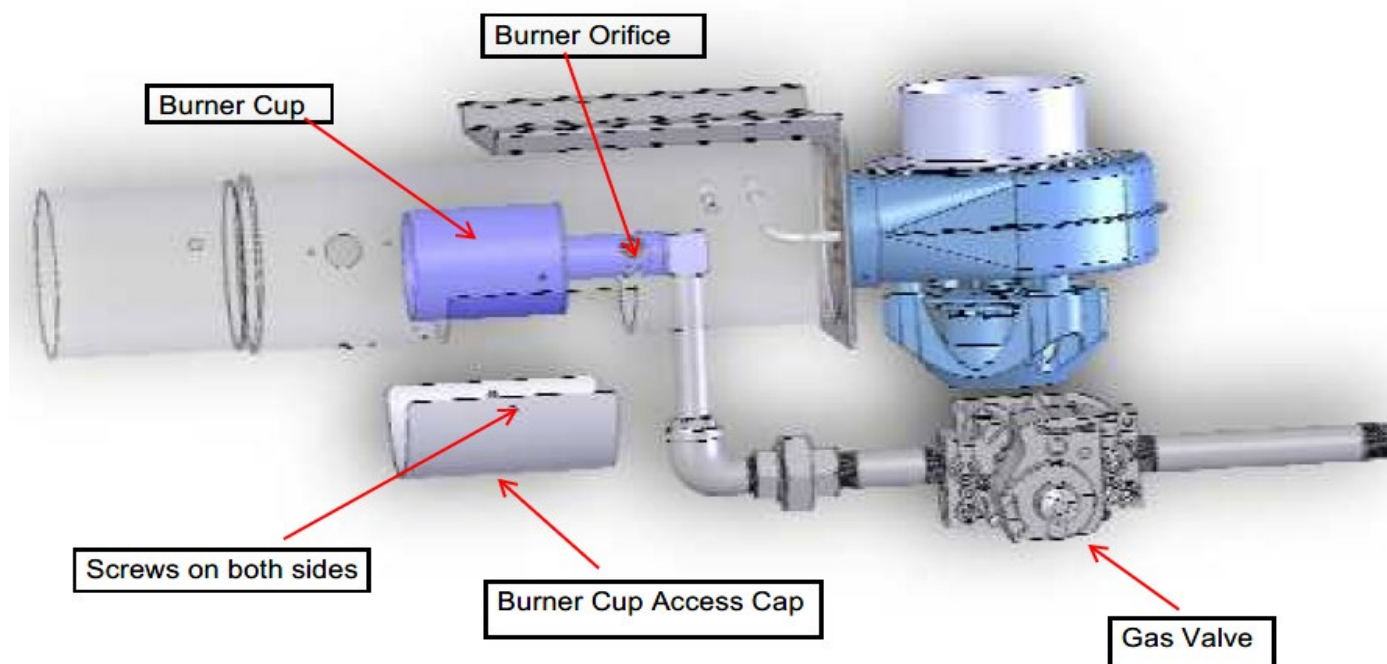
Refer to the General Instructions and Valve Conversion Instructions that accompany this kit.

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 counterclockwise 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 # for the size of the orifice & Manifold Pressures
- 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 the **Pressure Spring Cap**
 - Remove & discard the **Adjusting Spring**
 - From the Valve Conversion Kit supplied, install the new **Adjusting Spring**
 - Install **Pressure Spring Cap**

- Using a manometer, check the manifold gas pressures for Hi & Low inputs 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, for Hi & Low inputs independently
- 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 (2-Stage) Heaters_NG to LP

Kit Part #	Description	Orifice Size/Part # Of LP Orifice		Manifold Pressure for LP (Hi/Low)
903000072	CONV. KIT TWO STAGE SST - 50/35 MBH - NG TO LP	# 46	906000088	10.0"/5.0" W.C.
903000073	CONV. KIT TWO STAGE SST - 65/45 MBH - NG TO LP	# 41	906000090	10.0"/5.0" W.C.
903000074	CONV. KIT TWO STAGE SST - 80/55 MBH - NG TO LP	# 37	906000092	10.0"/5.0" W.C.
903000075	CONV. KIT TWO STAGE SST - 115/75 MBH - NG TO LP	# 31	906000070	10.0"/5.0" W.C.
903000076	CONV. KIT TWO STAGE SST - 130/80 MBH - NG TO LP	# 30	906000095	10.0"/5.0" W.C.
903000077	CONV. KIT TWO STAGE SST - 155/90 MBH - NG TO LP	# 26	906000097	10.0"/5.0" W.C.
903000078	CONV. KIT TWO STAGE SST - 180/100 MBH - NG TO LP	# 21	906000099	10.0"/5.0" W.C.
903000079	CONV. KIT TWO STAGE SST - 205/120 MBH - NG TO LP	# 18	906000101	10.0"/5.0" W.C.
903000080	CONV. KIT TWO STAGE SST - 225/135 MBH - NG TO LP	# 16	906000091	10.0"/5.0" W.C.
903000081	CONV. KIT TWO STAGE SST - 250/150 MBH - NG TO LP	# 14	906000104	10.0"/5.0" W.C.