

# INSTALLATION INSTRUCTIONS

## RETURN HEADER REPLACEMENT FOR MODELS 185, 206, 207, 265, 266, 267, 335, 336, 337, 405, 406, 407 WITH POLYMER HEADERS

### WARNING

These instructions are for use by qualified personnel specifically trained and experienced in the installation of this type of heating equipment and related system components. Installation and service personnel may be required to be licensed in some states. Persons not qualified shall not attempt to install this equipment nor attempt repairs according to these instructions.

### WARNING

Make sure water, gas, and power have been turned OFF before making any repairs or servicing this equipment. Make sure the heat exchanger is not under any pressure before attempting to service this part. Allow the appliance to cool before attempting this installation.

### DANGER

**SHOCK HAZARD:** Make sure the electrical power to the unit is disconnected to avoid damage to components, potential serious personal injury or death.

**SCOPE:** This kit provides a replacement for polymer return headers, models 185, 206, 207, 265, 266, 267, 335, 336, 337, 405, 406 and 407.

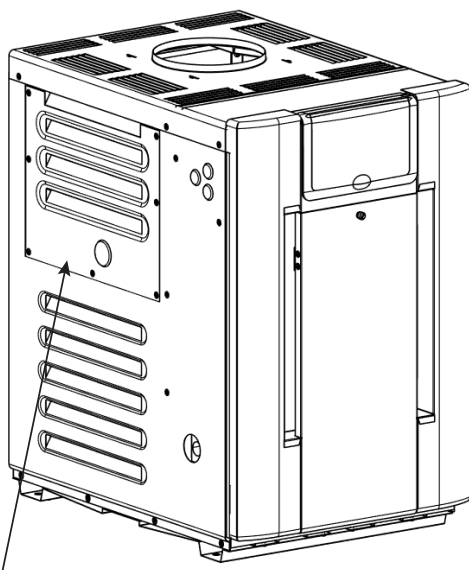
### RAYPAK INCLUDED PARTS:

Kit Number	Description	Qty.
015095F	Polymer Return Header	1
	Header O-Ring	1

### TOOLS REQUIRED:

Description
• Slotted & Phillips Head Screwdrivers
• Silicone Lubricant
• Torque Wrench (if available)
• Adjustable Wrench

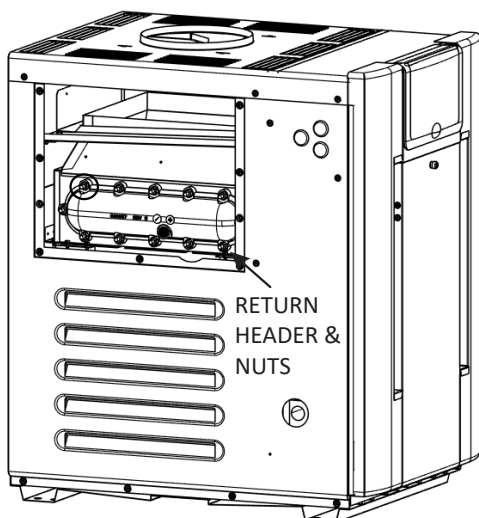
1. Turn off the power to the heater.
2. Turn off the gas to the heater.
3. Turn off the power to the pool pump(s).
4. Isolate the water connections to the pool heater.
5. Allow the unit to cool down before proceeding.
6. Identify the rear header and gasket in this kit
7. Locate the service panel opposite from the inlet-outlet connections. (See **Figure 1**).



The Return Header is located behind this removable panel on the opposite side of the heater from the water inlet/outlet.

**Figure 1. Return Header Panel Removal**

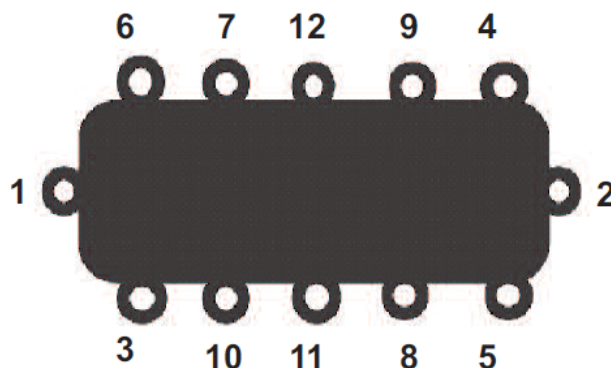
8. Remove the Phillips head perimeter screws that hold the access panel in place.
9. Remove the twelve (12) 7/16" hex head nuts that secure the return header (See **Figure 2**).



**Figure 2. Return Header Mounted in Unit**

10. Remove the original rear (return) header.
11. Clean the tube sheet of any debris, sealant, and any remains of the old gasket.
12. The perimeter gasket that is installed in the groove of the header needs to be seated properly and lubricated with any silicone based lubricant.
13. Install the replacement header in place of the old header.
14. Re-Install the twelve (12) 7/16" hex head nuts that secure the header.
15. Follow the torque pattern (and tightening specifications) when tightening the nuts onto the stud bolts (See **Figure 3**).

**NOTE:** Bolts must be tightened according to the pattern in Figure 3 in ascending order. Torque specifications are 7FT/Lbs ( $\pm 1/2$ ). For field replacement, when no torque wrench is available, tighten nuts hand-tight, then turn 1/2 turn with a standard wrench.



**Figure 3. Tightening Torque Pattern**

16. Reinstall the Phillips head perimeter screws and the access panel.
17. Reverse Step 4 through Step 1 to restart heater.