

Raypak offers a complete line of gas heaters to fit almost every application. Inside and out, Raypak is the result of over 50 years experience in the design, engineering and manufacturing of all types of residential and commercial pool, and water heaters. These units meet the ASME pressure vessel requirements demanded by code for commercial installations over 200,000 BTUH and are certified to the ANSI Z21.56 pool heater standard. So dive in and take a look at the Raypak heater that can meet your exact needs. Just click on the links below for more information.

## BASIC DATA

Model Number	Full Input BTUH	Indoor Stack Dia.
C-R206A	199,500	6"
C-R266A	266,000	7"
C-R336A	332,500	8"
C-R406A	399,000	9"

## Features:

### PolyTuf Textured Powder Coating

The Raypak gas heater has a polyester-coated, non-corrosive cabinet that is more durable than solvent-borne and water-borne coated metal cabinets. Every piece of sheet metal goes through a 7-stage wash system, making certain the power paint has a perfect bond. Underneath the tough, yet beautiful finish you will find galvanized metal that offers superior rust prevention and years of durable service.

### Wind-Resistant Design

No need for fans to combat drafting problems under normal conditions. This heater is designed to draft naturally in outdoor installations with its exclusive low-profile design. It is so thoughtfully and carefully designed it actually protects itself from the things that tend to stifle ordinary pool and spa heaters. It delivers uninterrupted heating performance regardless of falling leaves, wind, airborne debris, rain, downdrafts, updrafts, sleet, snow, etc.

### Control Options

These units are available with two different control designs to meet your requirement. They are available with digital electronic ignition, or as a millivolt design. The digital system (pictured) requires external power (120VAC or 240VAC) and generates a pilot only when there is a call for heat. It provides simple setup and easy programming, as well as easy-to-understand diagnostics and simple connections to remote controls. The millivolt ignition system does not require external power. It generates its own current internally, with a small thermo couple driven by the constant pilot. **The millivolt ignition system is not available in California for natural gas units.** See [Digital vs Millivolt](#) for more details.

### Cast-Iron Headers

Rugged cast-iron headers with porcelainized waterways provide the strength that tough ASME requirements demand.

### **All-Copper-Fin-Tube Heat Exchanger**

The fin tubes of the heat exchanger are each made from a single piece of extruded copper. This integral-fin design allows maximum heat transfer to be attained and maintained. Cupro-nickel is also available as an optional upgrade.

### **Stainless Steel Tube Sheet**

Stainless steel tube sheets allow for a completely nonferrous waterway, leaving your pool truly rust-free.

### **CPVC 2" Water Connections**

Standard with every Raypak is a set of 2" slip-fit CPVC water connections to make your installation secure and effortless.

### **Condensation Protection**

The Unitherm Governor inside the header helps reduce condensation from low inlet water temperatures. It automatically regulates the water flow to help keep the water temperature in the heat exchanger above 105°F. Both water temperature and water flow rate are controlled to eliminate condensation, sooting, and scale build-up that can shorten heater life.

### **High Flow Rates**

The Raypak gas heater comes with an automatic bypass built into the header. You'll find that the heater is capable of handling water flow at a rate up to 125 GPM.

### **Burner Tray**

Every burner tray is built to last, from the stainless steel burners to the aluminized metal used in the heat sensitive areas. Innovative design allows for the easy removal of the tray and burners for servicing.

### **Fire Tile**

A ceramic fiber combustion box keeps your heater running efficiently while keeping the outside jacket cool. By using this space-age material the heater won't retain residual heat after it is turned off, allowing it to be installed without the use of costly metal heat sinks.

### **Fuel-Efficient**

Energy-smart Raypak heaters consistently achieve the highest efficiency ratings. They exceed all federal and state standards.

**Available for natural gas or propane.**

**Please note that these units are not designed to meet the emissions regulations in areas requiring Low NOx levels.**

Reduce input 4% for each 1000 feet above sea level when installed above 2000 feet elevation.