

# Raypak PR206AMPC57 199,500 BTU Heater

## POOL

### MODELS: 106A & 156A

RAYPAK ILLUSTRATED PARTS LIST

**MODEL SIZE: 106A & 156A**

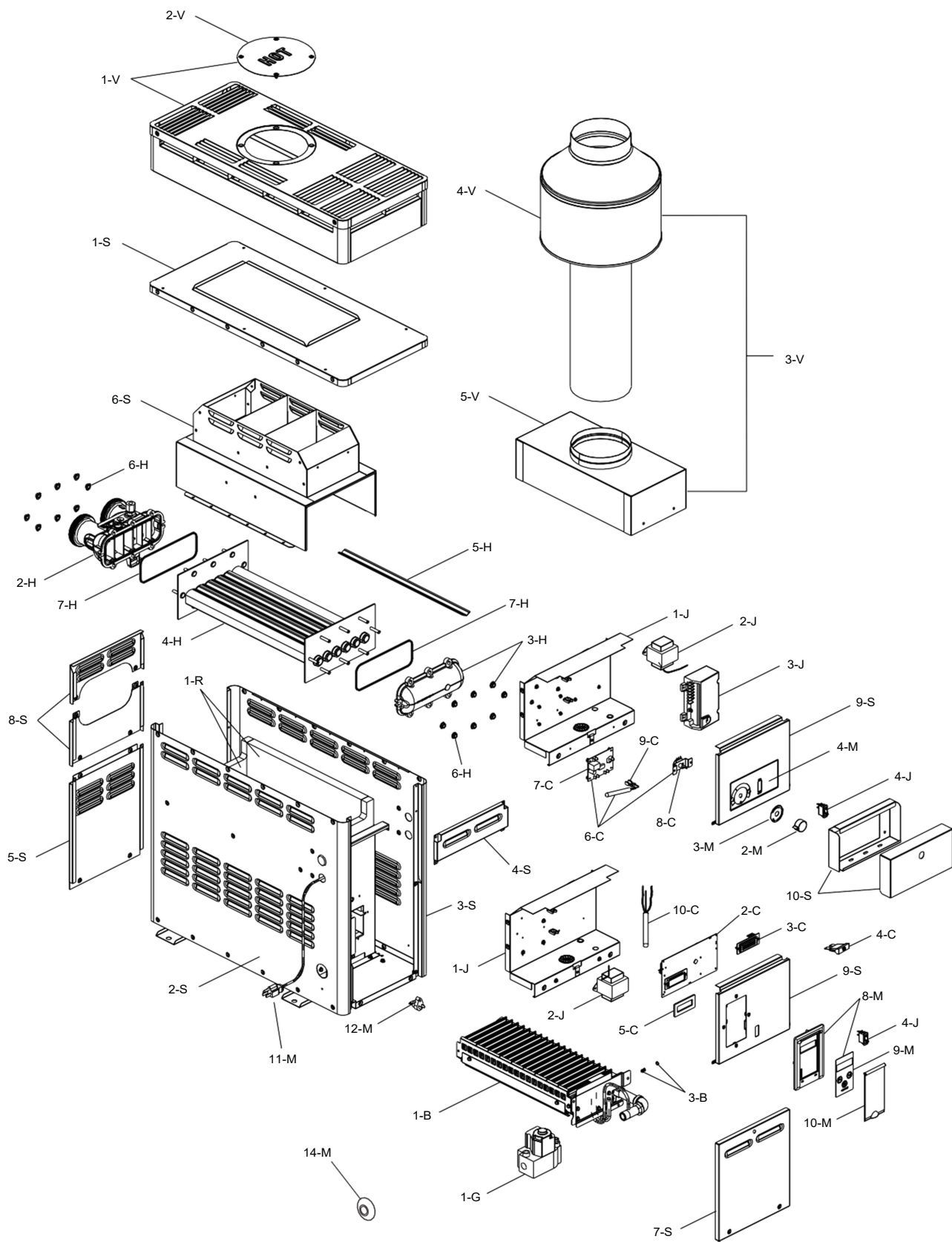
**MODEL TYPE: POOL/SPA HEATER**

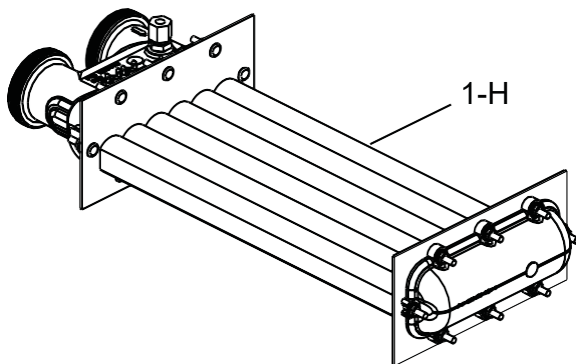
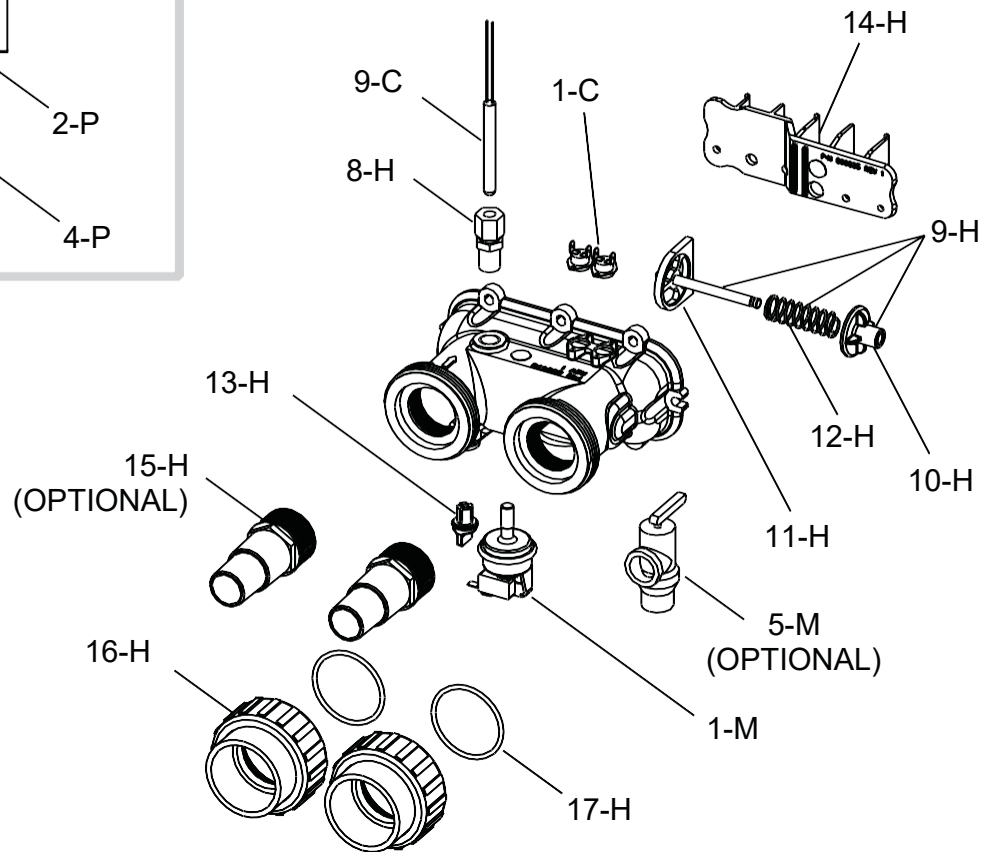
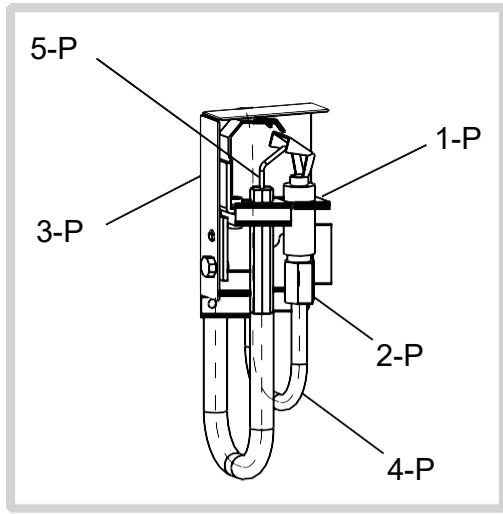
DATES OF MANUFACTURE: 06-01-13 THRU CURRENT

THE PARTS LISTED ARE FOR STANDARD EQUIPMENT FOR THIS MODEL TYPE. RAYPAK RESERVES THE RIGHT TO SUBSTITUTE, DELETE OR CHANGE ANY PART WITHOUT NOTIFICATION. THE ADDITION OF OPTIONS MAY ALSO CHANGE SOME OF THE PARTS. ORDER REPLACEMENT PARTS FROM ACTUAL HEATER COMPONENTS.









| CALL OUT | DESCRIPTION                                                                    | 106A                     | 156A                     |
|----------|--------------------------------------------------------------------------------|--------------------------|--------------------------|
| <b>B</b> | <b>BURNER TRAY</b>                                                             |                          |                          |
| 1-B      | Burner Tray (Sea Level)*<br>Natural Gas<br>Propane Gas                         | 014841F<br>014845F       | 014842F<br>014846F       |
|          | Burner Tray w/Gas Valve (Sea Level)*<br>Natural Gas<br>Propane Gas             | 014849F<br>014853F       | 014850F<br>014854F       |
| 2-B      | Burner                                                                         | N/A                      | N/A                      |
| 3-B      | Burner Orifice (Sea Level)*<br>Natural 1.30mm<br>Propane .84mm                 | 014857F/13<br>014861F/13 | 014858F/19<br>014862F/19 |
| <b>C</b> | <b>CONTROLS</b>                                                                |                          |                          |
| 1-C      | Thermostat Auto Reset 135° Surface Mount                                       | 006725F                  | 006725F                  |
| 2-C      | P. C. Board/Control (Digital)                                                  | N/A                      | 013464F                  |
| 3-C      | LCD Display                                                                    | N/A                      | 013640F                  |
| 4-C      | Fuse 5 AMP                                                                     | N/A                      | 013733F                  |
| 5-C      | Seal Gasket                                                                    | N/A                      | 014866F                  |
| 6-C      | Thermostat Control (Analog)                                                    | 011585F                  | N/A                      |
| 7-C      | PC Board                                                                       | 014923F                  | N/A                      |
| 8-C      | Potentiometer                                                                  | 011586F                  | N/A                      |
| 9-C      | Temperature Sensor Analog (2 Wire)                                             | 011587F                  | N/A                      |
| 10-C     | Temperature Sensor Digital (3 Wire)                                            | N/A                      | 009577F                  |
| <b>G</b> | <b>GAS VALVE</b>                                                               |                          |                          |
| 1-G      | Combination Valve Nat.<br>Combination Valve Pro.                               | 014867F<br>014868F       | 014867F<br>014868F       |
| <b>H</b> | <b>HEAT EXCHANGER</b>                                                          |                          |                          |
| 1-H      | Heat Exchange Assy Copper                                                      | 014869F                  | 014870F                  |
| 2-H      | Inlet/Outlet Header Complete<br>Inlet/Outlet Header (Includes 6-H)             | 011594F<br>011595F       | 015547F<br>011595F       |
| 3-H      | Return Header (Includes 6-H)                                                   | 011596F                  | 011596F                  |
| 4-H      | Tube Bundle Copper **                                                          | 014874F                  | 014875F                  |
| 5-H      | Baffle (Cupro Nickel)                                                          | N/A                      | N/A                      |
| 6-H      | Flange Nut Kit                                                                 | 008259F                  | 008259F                  |
| 7-H      | O Ring Gasket (2)                                                              | 011600F                  | 011600F                  |
| 8-H      | Sensor Adapter                                                                 | 006714F                  | 006714F                  |
| 9-H      | Bypass Kit                                                                     | 011601F                  | 015548F                  |
| 10-H     | Bypass Valve                                                                   | 006716F                  | 006716F                  |
| 11-H     | Bypass Dam / Shaft                                                             | 006717F                  | 006717F                  |
| 12-H     | Bypass Spring                                                                  | 011602F                  | 011602F                  |
| 13-H     | Drain Plug                                                                     | 006721F                  | 006721F                  |
| 14-H     | Inlet/Outlet Header Dam                                                        | 014882F                  | 014882F                  |
| 15-H     | Hose Adapter 1-1/2" MPT x 1-1/2" Hose (Optional)                               | 011635                   | 011635                   |
| 16-H     | 2" CPVC Connector & Nut (2)                                                    | 006723F                  | 006723F                  |
| 17-H     | O Ring Seal (2)                                                                | 006724F                  | 006724F                  |
| <b>J</b> | <b>CONTROL BOX</b>                                                             |                          |                          |
| 1-J      | Control Box Analog (Includes 7-C)<br>Natural Gas<br>Propane Gas                | 014883F<br>014913F       | N/A<br>N/A               |
| 2-J      | Transformer 120/240/24V<br>Analog<br>Digital                                   | 011605F<br>N/A           | N/A<br>006736F           |
| 3-J      | Ignition Control Natural Gas (Analog)<br>Ignition Control Propane Gas (Analog) | 004817B<br>004818B       | N/A<br>N/A               |
| 4-J      | Rocker Switch                                                                  | 009493F                  | 009493F                  |

\*FOR ALTITUDES ABOVE 2,000 FEET ABOVE SEA LEVEL, CONSULT THE FACTORY.

\*\* **WARNING:** The Hydraulic conditions or water chemistry that caused the tube bundle to fail have very likely also damaged the bypass valve. We recommend you inspect the bypass assembly. Failure to do so could cause premature failure of this replacement part.

| CALL<br>OUT | DESCRIPTION                                              | 106A    | 156A    |
|-------------|----------------------------------------------------------|---------|---------|
| <b>M</b>    | <b>MISCELLANEOUS COMPONENTS</b>                          |         |         |
| 1-M         | Pressure Switch 1.75 PSI                                 | 006737F | 006737F |
|             | Pressure Switch 11 PSI Special-See Adj in Service Manual | 009133F | 009133F |
| 2-M         | Thermostat Knob                                          | 009499F | 009499F |
| 3-M         | Knob Stop                                                | 006886F | 006886F |
| 4-M         | Dial Plate (Analog)                                      | 014912F | N/A     |
| 5-M         | PRV 125 PSI (Optional)                                   | 008091F | 008091F |
| 6-M         | Deliming Kit (not shown)                                 | 052871F | 052871F |
| 7-M         | Wire Harness Analog (not shown)                          | 014884F | N/A     |
|             | Wire Harness Digital (not shown)                         | N/A     | 014885F |
| 8-M         | Control Bezel Digital (Includes Switch Decal)            | N/A     | 014886F |
| 9-M         | Switch/Decal-Membrane                                    | N/A     | 014887F |
| 10-M        | Control Bezel Cover                                      | N/A     | 014888F |
| 11-M        | Line Cord                                                | 011609F | 011609F |
| 12-M        | Roll-Out Safety Switch                                   | 005899F | 005899F |
| 13-M        | Touch-up Paint                                           |         |         |
|             | Cool Dark Gray                                           | 750256  | 750256  |
|             | Warm Dark Gray                                           | 750258  | 750258  |
| 14-M        | Gas Line Finish Flange                                   | 016160F | 016160F |
| <b>P</b>    | <b>PILOT</b>                                             |         |         |
| 1-P         | Pilot Nat.                                               | 002003F | 002003F |
|             | Pilot Pro.                                               | 002003F | 002003F |
| 2-P         | Pilot Orifice Nat.                                       | 003903F | 003903F |
|             | Pilot Orifice Pro.                                       | 004308F | 004308F |
| 3-P         | Pilot Mounting Bracket                                   | 014889F | 014889F |
| 4-P         | Pilot Tube                                               | 004078F | 004078F |
| 5-P         | Hi Tension Wire w/Pilot Electrode                        | N/A     | N/A     |
| <b>R</b>    | <b>REFRACTORY</b>                                        |         |         |
| 1-R         | Refractory Kit                                           | 014890F | 014891F |
| <b>S</b>    | <b>SHEETMETAL</b>                                        |         |         |
| 1-S         | Jacket Top                                               | 014892F | 014893F |
| 2-S         | Jacket Left                                              | 014894F | 014895F |
| 3-S         | Jacket Right                                             | 014896F | 014897F |
| 4-S         | Jacket Upper Front                                       | 014898F | 014898F |
| 5-S         | Jacket Lower Rear                                        | 014899F | 014899F |
| 6-S         | Flue Collector                                           | 014900F | 014901F |
| 7-S         | Door Panel                                               |         |         |
|             | Raypak                                                   | 014902F | 014902F |
|             | Rheem                                                    | 014903F | 014903F |
|             | Ruud                                                     | 014902F | 014902F |
| 8-S         | Access Panels                                            | 014904F | 014904F |
| 9-S         | Control Panel                                            |         |         |
|             | Analog                                                   | 014905F | N/A     |
|             | Digital                                                  | N/A     | 014906F |
| 10-S        | Control Cover                                            |         |         |
|             | Analog                                                   | 014778  | N/A     |
|             | Digital                                                  | N/A     | N/A     |
| <b>V</b>    | <b>VENTING</b>                                           |         |         |
| 1-V         | Stackless Top (Outdoor)                                  | 014907F | 014908F |
| 2-V         | Access Panel (Hot)                                       | 014909F | 014909F |
| 3-V         | Drafthood w/Adapter (Indoor)                             | 014357  | 014358  |
|             | Outdoor Stack w/Adapter (Outdoor)                        | 014718  | 014719  |
| 4-V         | Stack                                                    | N/A     | N/A     |
| 5-V         | Stack Adapter                                            | 014910F | 014911F |

| CONVERSION KITS**                                               |  | 106A    | 156A    |
|-----------------------------------------------------------------|--|---------|---------|
| For Altitudes Over 2,000 Feet Above Sea Level, Consult Factory. |  |         |         |
| Natural to Propane                                              |  | 014914F | 014915F |
| Propane to Natural                                              |  | 014918F | 014919F |

**\*\* Gas Conversions are to be done only by a qualified agency.**