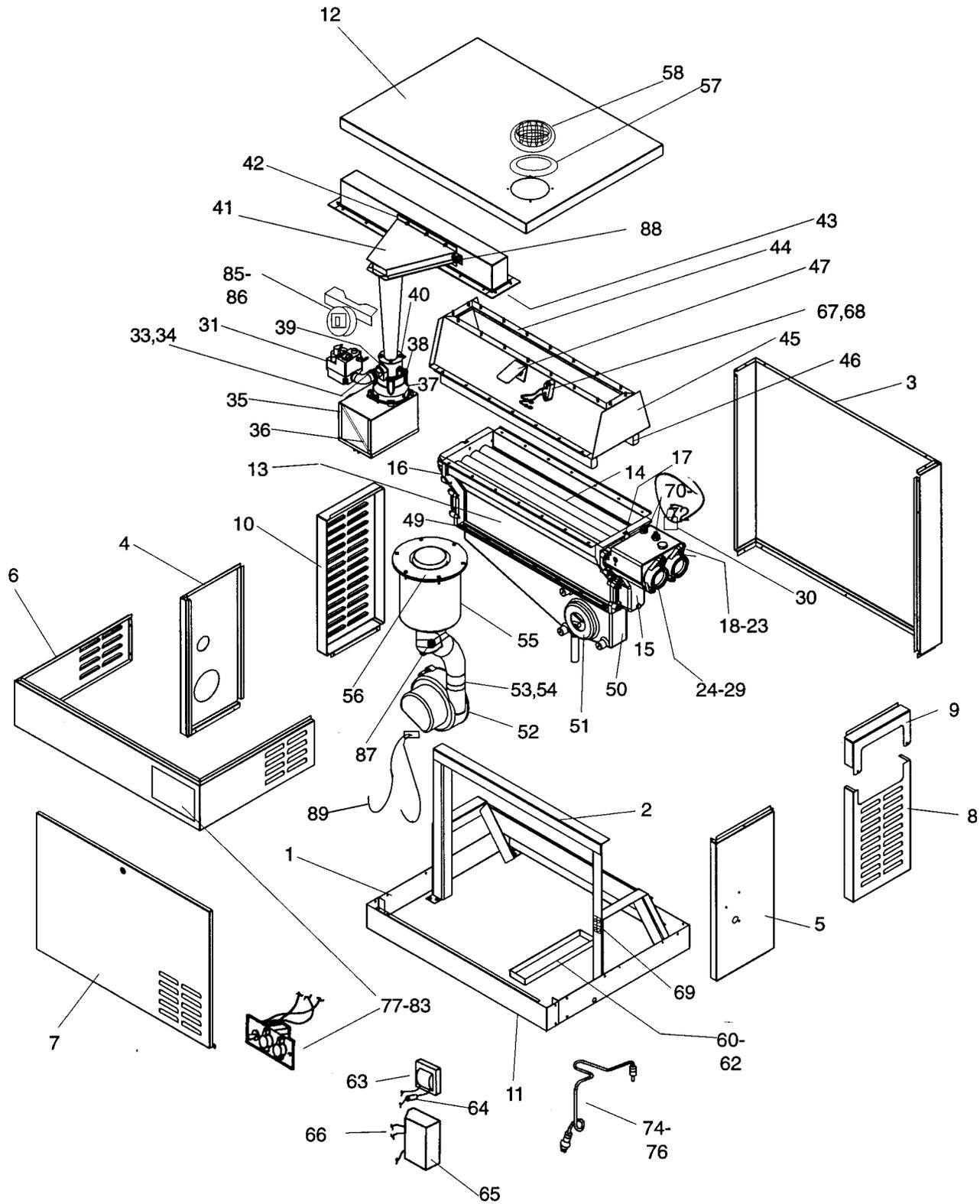


HI-E2® Heater (Mfg. from 1997) Part List and Diagram



HI-E2® Heater (Mfg. from 1997) Part List and Diagram

| Key No. | Description | Model No. | ORDER PART NO. | Key No. | Description | Model No. | ORDER PART NO. |
|------------------------------------|---|-----------|----------------|--|---|-----------|----------------|
| MAINTENANCE AND SERVICE COMPONENTS | | | | 47 | Sight Glass Assembly | All | R0305400 |
| | Limestone Gravel (Condensate Neutralizer) | All | R0306200 | 48 | Combustion Chamber Strip Set (Not Shown) | 220-350 | R0213103,05 |
| | Combustion Air Filter | All | R0308000 | 49 | Combustion Chamber/Collector Gasket | 220-350 | R0305703,05 |
| JACKET ASSEMBLY | | | | | Venturi Hardware Kit (Note 1) | All | R0322200 |
| 1 | Base Panel | 220-350 | R0301703,05 | | Mixing Chamber Hardware Kit (Note 1) | All | R0322100 |
| 2 | Frame Support Assembly | 220-350 | R0301503,05 | | Burner Hardware Kit (Note 1) | 220-350 | R0319403,05 |
| 3 | Back Panel | 220-350 | R0300703,05 | EXHAUST ASSEMBLY | | | |
| 4 | Left Side Panel | All | R0300500 | 50 | Collector | 220-350 | R0303203,05 |
| 5 | Right Side Panel | All | R0300800 | 51 | Blower/Collector Gasket | All | R0308700 |
| 6 | Temperature Control Panel Assembly | All | R0301603,05 | 52 | Combustion Blower | All | R0308200 |
| 7 | Door | 220-350 | R0301103,05 | 53 | Blower/Vent Duct Sleeve | All | R0308600 |
| 8 | Inlet/Outlet Header Panel | All | R0301000 | 54 | Blower/Vent Duct Clamp | All | R0308800 |
| 9 | Right Top Side Panel | All | R0300900 | 55 | Vent Duct Assembly | All | R0303100 |
| 10 | Return Header Panel | All | R0300600 | 56 | Vent Duct/Heater Top Gasket or Heater Top/Indoor Vent Collar Gasket | All | R0309100 |
| 11 | Front Kick Panel | 250-350 | R0213403,05 | 57 | Heater Top/Outdoor Exhaust Grill Gasket | All | R0309500 |
| 12 | Top Panel | 220-350 | R0300103,05 | 58 | Outdoor Exhaust Grille | All | R0308400 |
| | Jacket Hardware Kit (Note 1) | All | R0302100 | 59 | Indoor-Vent Collar (Not Shown) | All | R0307900 |
| | Internal Hardware Kit (Note 1) | All | R0302500 | 60 | Condensate Trap Assembly | All | R0303300 |
| WATER SYSTEM | | | | 61 | Limestone Gravel | All | R0306200 |
| 13 | Heat Exchanger Assembly, Complete | 220-350 | R0303805 | 62 | Condensate Trap Cover (Note 3) | All | N/A |
| 14 | Heat Exchanger Tube Assembly | 220-350 | N/A | | Venturi Hardware Kit (Note 1) | All | R0322200 |
| 15 | Inlet/Outlet Header | All | R0303900 | | Mixing Chamber Hardware Kit (Note 1) | All | R0322100 |
| 16 | Return Header | All | R0304000 | ELECTRICAL COMPONENTS AND CONTROLS | | | |
| 17 | Gasket, Header | All | R0304300 | 63 | Transformer | All | R0061100 |
| 18 | By-Pass Valve Assembly | All | R0304400 | 64 | In-Line Fuse Holder Assembly | All | R0325600 |
| 19 | Flow Control Cap | All | 10557400 | 65 | Ignition Control | All | R0202900 |
| 20 | By-Pass Valve Gasket | All | R0011400 | 66 | Wire Harness, Ignition Control | All | R0302700 |
| 21 | By-Pass Valve Spring | All | R0304500 | 67 | Igniter Assembly | All | R0016400 |
| 22 | By-Pass Valve Rod | All | R0304900 | 68 | Igniter Gasket | All | R0205300 |
| 23 | By-Pass Valve Disk | All | R0011500 | 69 | Terminal Block | All | R0301900 |
| 24 | Flange & Gasket Assembly, 2" (Set of 2) | All | R0055000 | 70 | High-Limit Switch Set | All | R0322700 |
| 25 | Flange, 2" | All | 10573500 | 71 | High-Limit Switch, 135°F (Note 2) | All | N/A |
| 26 | Flange Gasket, 2" | All | S0078000 | 72 | High-Limit Switch, 150°F (Note 2) | All | N/A |
| 27 | Flange Sleeve, 2" | All | S0078200 | 73 | High-Limit Switch Wire Harness (Not Shown) | All | R0322600 |
| 28 | Flange Bolt | All | F0031700 | 74 | Pressure Switch & Syphon Loop Assy | All | R0322900 |
| 29 | Flange Gasket 1 1/2 - 2" | All | S0078100 | 75 | Pressure Switch, 2 PSI | All | R0013200 |
| 30 | Pressure Relief Valve, 75 PSI (Requires field supplied 3/4 NPT x 3" brass nipple) | All | R0040400 | 76 | Pressure Switch Siphon Loop | All | R0307800 |
| | Heat Exchanger Hardware Kit (Note 1) | 220-350 | R0319103,05 | 77 | Temperature Control Assy, Electronic | All | R0011700 |
| | Inlet/Outlet Header Hardware Kit (Note 1) | All | R0319300 | 78 | Temperature Sensor (Not Shown) | All | R0011800 |
| | Return Header Hardware Kit (Note 1) | All | R0319200 | 79 | Temperature Sensor Gasket | All | E0116400 |
| COMBUSTION SYSTEM ASSEMBLY | | | | 80 | Temperature Sensor Plastic Sleeve | All | 10444900 |
| 31 | Gas Valve | All | R0200100 | 81 | Temperature Control Knob | All | R0010700 |
| 32 | Anti-Rotation Bracket (Not Shown) | All | R0309900 | 82 | Pool/Spa Selector Knob | All | R0099900 |
| 33 | Orifice Holder | All | R0320000 | 83 | "Temp-Lok" Disc | All | 10583100 |
| 34 | Gas Orifice, NAT | 220-350 | R0309303,05 | 84 | Temperature Sensor Retainer Clip (Not Shown) | All | 10716701 |
| 34 | Gas Orifice, LPG | 220-350 | R0309403,05 | 85 | Differential Pressure Switch | All | R0302000 |
| 35 | Combustion Air Filter Assembly | All | R0306400 | 86 | Differential Pressure Switch Bracket | All | R0302200 |
| 36 | Combustion Air Filter | All | R0308000 | 87 | Exhaust Vent Limit Switch | All | R0309000 |
| 37 | Venturi Inlet | 220-350 | R0320303,05 | 88 | Burner High Limit Switch | All | R0319700 |
| 38 | Venturi O-ring | All | R0320400 | 89 | Combustion Blower Wire Harness | All | R0308100 |
| 39 | Venturi Plenum | All | R0320500 | OPTIONAL COMPONENTS | | | |
| 40 | Venturi/Tailpipe Gasket | All | R0320600 | | Touch Up Spray Paint | All | X0021100 |
| 41 | Mixing Chamber/Tailpipe Assembly | All | R0307300 | | High Temperature Silicone Sealant | All | R0322800 |
| 42 | Mixing Chamber/Burner Gasket | All | R0320800 | 90 | Regulator Stepdown | All | R0337300 |
| 43 | Burner Assembly | 220-350 | R0305903,05 | Notes: 1. All hardware sets contain all pieces necessary for assembly, including gaskets. 2. Use Kit #R0322700. 3. Use Kit #R0303300 | | | |
| 44 | Burner/Combustion Chamber Gasket | 220-350 | R0305803,05 | | | | |
| 45 | Combustion Chamber Assembly | 220-350 | R0305103,05 | | | | |
| 46 | Refractory Tile Set | 220-350 | R0305303,05 | | | | |