



IMPORTANT

1. Always include complete heater model and serial number so that any specification change can be considered for parts shipment. It can save time and expense.
2. Specifications are subject to change without notice.
3. We reserve the right to substitute functional replacements.
4. Order either by Kit or Component Part No.

Replacement Parts

Applies to:

RDF Series Direct-Fired Makeup Air Heater



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See your Factory Distributor for Forms listed below

Additional Forms

| Subject..... | Form |
|--|--------------|
| Installation, Model RDF | I-RDF |
| Operation/Maintenance/Service, Model RDF | O-ADF/DV/RDF |
| Installation, Roof Curb Installation Instructions | I-OPT-C |
| Parts, Gas Conversion | CP-GC |
| Parts, Serial No., Gas Valves and Maxitrol Gas Controls..... | P-VALVES |
| Instruction, Conversion to Hot Surface Ignition | CP-RDF-IGN |

Modulating Gas Controls

| CODE | Description | In Gas Control Opt | Serial No. Suffix | Location | P/N |
|------|--|--------------------|-------------------|--|--------------------------------|
| 90 | Temperature Sensor, Maxitrol Series 14, #TS114 | AG30, AG31 | MV-7 | Discharge | 90324 |
| | Temperature Sensor, Maxitrol Series 14A, #TS114A | AG32 | MV-8 | Discharge | 87106 |
| | Temperature Sensor, Maxitrol Series 14B, #TS114B | AG35 | MV-8 | Discharge | 123944 |
| | Temperature Sensor, Maxitrol Series 44, #TS144E, 120°F max | AG33 | MV-9 | Discharge | 119617 |
| | Temperature Sensor, Maxitrol Series 44, #TS144C, 140°F max | | | | 194160 |
| | Temperature Sensor, Maxitrol Series 94, #TS194 | AG36 | MV-B | Discharge | 133228 |
| 91 | Mixing Tube, Maxitrol MTI-12 | All above | | Discharge | 90323 |
| 92 | Amplifier, Maxitrol Series 14 & 14A, #A1014R | AG 30, 31, 32 | MV-7, MV-8 | Electrical Control Compartment (See page 3.) | 148590 |
| | Replacement Kit for Amplifier P/N 148590, Model A1014L or A1014U, or P/N 86976 | | | | 268301 |
| | Amplifier, Maxitrol Series 44, #A1044U | AG33 | MV-9 | | 268274 |
| | Replacement Kit for Amplifier P/N 194159 (A1044CL); P/N 157915 (A1044EL); P/N 119616 (A1044E), and P/N 86989 (A1044) | | | | 268302 |
| | Amplifier, Maxitrol Series 94, A1494 | | | | AG36 |
| 93 | Signal Conditioner, Maxitrol | AG37 | MV-C | | 134170 |
| 94 | Temperature Selector, Maxitrol Series 14, #TD114 | AG30, AG31 | MV-7 | Remote | 86988 (USA) 101165 (Canada) |
| | Temperature Selector, Maxitrol Series 14A, #TD114A | AG32 | MV-8 | Remote | 87107 |
| | Temperature Selector, Maxitrol Series 14B, #TD114B, 120-160°F | AG35 | MV-8 | Remote | 159285 |
| | Temperature Selector, Maxitrol Series 14B, #TD114B, 120-140°F | | | | 123943 |
| | Selectrastat (temperature selector), Maxitrol Series 44, #T-244 | AG33 | MV-9 | Space | 86990 |
| | Temperature Selector, Maxitrol Series 94, #TD294E-609-0818 | AG36 | MV-B | Remote | 133230, 120°F 159287, 160°F |
| 95 | Overriding Thermostat, Series 14, #T115 | AG 30, 31, 32 | MV-7, MV-8 | Space | 24857 |

CODE 90 - P/N 90324, Maxitrol #TS114; Temperature Sensor P/N 87106, Maxitrol #TS114A Sensor



(illustrated);
P/N 123944, Maxitrol #TS114B;
P/N 119617, Maxitrol #TS144E;
P/N 194160, Maxitrol #TS144C;
P/N 133228, Maxitrol TS194A

IMPORTANT NOTE: When replacing a temperature sensor on a Maxitrol MV-9 system (Option AG33), check the Model No. on the sensor. P/N 119617 or 194160 is used on units manufactured beginning 2/92; P/N 87041 is used on units manufactured prior to 2/92. Sensors are not interchangeable; the sensor MUST match the amplifier.

CODE 91 - Mixing Tube, P/N 90323



CODE 92 - Amplifiers

(Amplifiers are not interchangeable and must match the temperature sensor.)

P/N 148590, Maxitrol #A1014R



To replace P/N 148590, A1014L or A1014U, or P/N 86976, order Replacement Kit P/N 268301

P/N 133229, Maxitrol #A1494



P/N 268274, Maxitrol #A1044U



(Shown without the cover.)

To replace P/N 194159 (A1044CL); P/N 157915 (A1044EL); P/N 119616 (A1044E), or P/N 86989 (A1044), order Replacement Kit P/N 268302

CODE 93 - Maxitrol Signal Conditioner, P/N 134170 (for computer control)



CODE 94 - Temperature Selectors (see chart for option application)



P/N 86988, TD114 U.S. Models, Range 55-90°F (selector with box, P/N 156085);

P/N 101165, TD114, Canadian Models, Range 50-75°F;

P/N 87107, TD114A, Range 80-130°F;

P/N 159285, TD114B, Range 120-160°F



P/N 86990, Selectrastat Maxitrol T-244

P/N 133230 - Maxitrol #TD294E-609-0818, Dual Temperature Selector for Paint Booth Application, Option AG36



CODE 95 - P/N 24857, Maxitrol #T115, Overriding Thermostat, Option AG33

