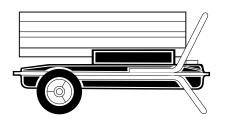
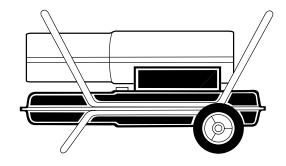
REMINGTON[®] PORTABLE FORCED AIR HEATERS

OWNER'S MANUAL

REMJ70



REMJ150



IMPORTANT

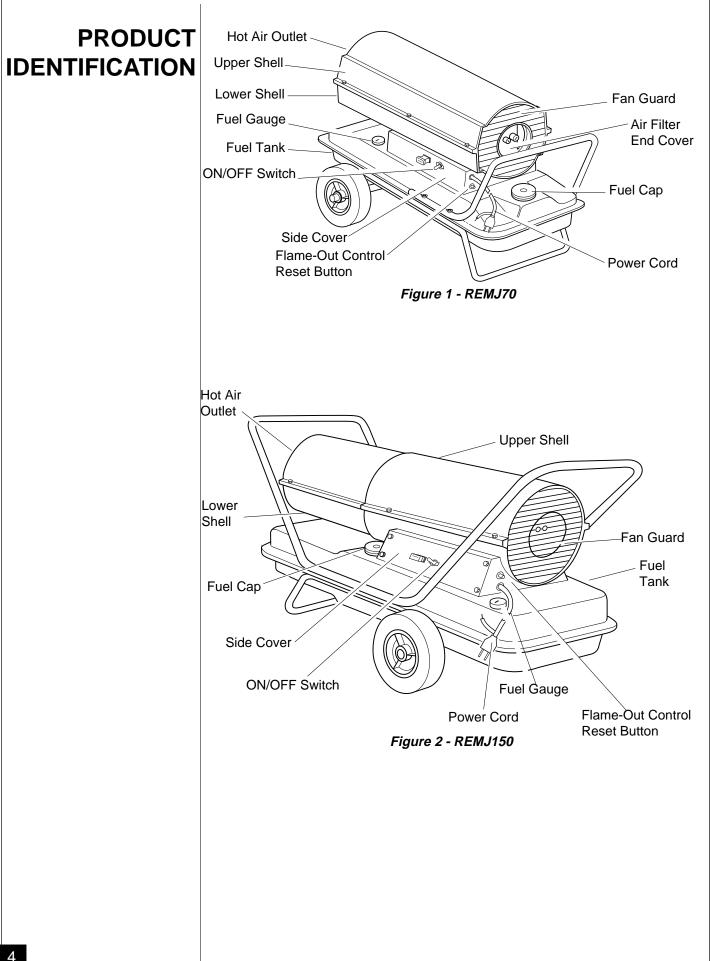
Read and understand this manual before assembling, starting or servicing heater. Improper use of heater can cause serious injury. Keep this manual for future reference.

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| SAFETY | AWARNINGS | | | | |
| INFORMATION | IMPORTANT: Read this Owner's Manual carefully and completely before trying to assemble, operate, or service this heater. Improper use of this heater can cause serious injury or death from burns, fire, explosion, electrical shock, and carbon monoxide poisoning. | | | | |
| | ADANGER | | | | |
| | Carbon monoxide poisoning may lead to death! | | | | |
| | Carbon Monoxide Poisoning: Early signs of carb resemble the flu, with headaches, dizziness, and/or nau signs, the heater may not be working properly. Get fro | usea. If you have these | | | |

signs, the heater may not be working properly. **Get fresh air at once!** Have heater serviced. Some people are more affected by carbon monoxide than others. These include pregnant women, persons with heart or lung disease or anemia, those under the influence of alcohol, and those at high altitudes.

Make certain you read and understand all Warnings. Keep this manual for reference. It is your guide to safe and proper operation of this heater.

| SAEETV | |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------|
| SAFETY | AWARNINGS (Continued) |
| | • Use only kerosene to avoid risk of fire or explosion. Never use gasoline, naphtha, paint thinners, alcohol, or other highly flammable fuels. |
| Continued | |
| | |
| | |



UNPACKING

- 1. Remove all packing items applied to heater for shipment.
- 2. Remove all items from carton.
- 3. Check items for any shipping damage. If heater is damaged, promptly inform dealer where you bought heater.

ASSEMBLY

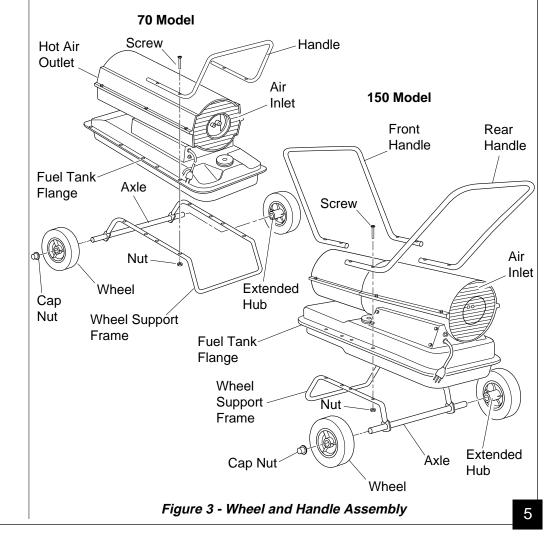
These models are furnished with wheels and handles. Wheels, handles, and the mounting hardware are found in the shipping carton.

Tools Needed

- Medium Phillips Screwdriver
- 3/8" Open or Adjustable Wrench
- Hammer
- 1. Slide axle through wheel support frame. Install wheels on axle. *IMPORTANT:* When installing wheels, point extended hub of wheels toward wheel support frame (see Figure 3).
- 2. Place cap nuts on axle ends. Gently tap with hammer to secure.
- Place heater on wheel support frame. Line up holes on fuel tank flange with holes on wheel support frame.
 70 Model: Make sure hot air outlet end (front) of heater is over wheels.

150 Model: Make sure air inlet end (rear) of heater is over wheels.

- 4. Place handle or handles on top of fuel tank flange. Insert screws through handle(s), fuel tank flange, and wheel support frame. Attach nut finger tight after each screw is inserted.
- 5. After all screws are inserted, tighten nuts firmly.



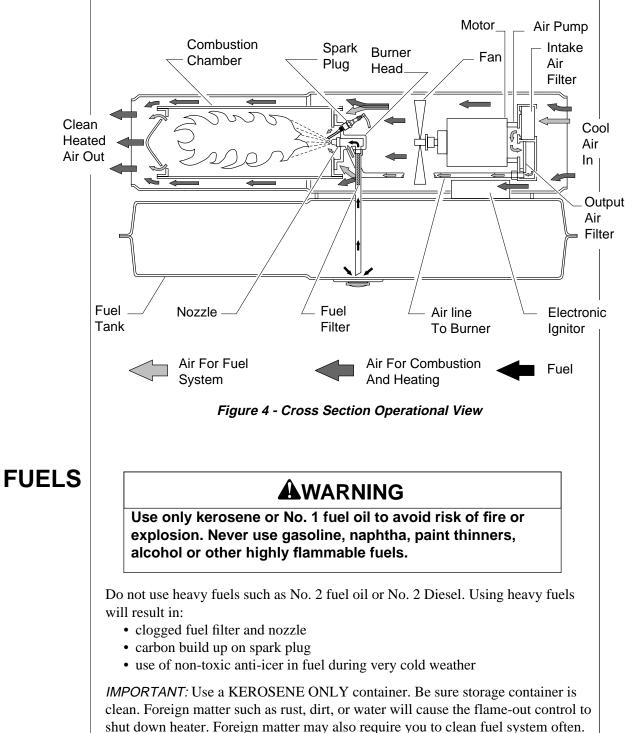
THEORY OF OPERATION

The Fuel System: The air pump forces air through the air line. The air is then pushed through the burner head nozzle. This air causes fuel to lift from the tank. A fine mist of fuel is sprayed into the combustion chamber.

The Air System: The motor turns the fan. The fan pushes air into and around the combustion chamber. This air is heated and provides a stream of clean, hot air.

The Ignition System: The electronic ignitor sends voltage to the spark plug. The spark plug ignites the fuel and air mixture.

The Flame-Out Control System: This system causes the heater to shut down if the flame goes out.



VENTILATION

Follow the minimum fresh, outside air ventilation requirements. If proper fresh, outside air ventilation is not provided, carbon monoxide poisoning can occur. Provide proper fresh, outside air ventilation before running heater.

Provide a fresh air opening of at least three square feet (2800 square cm) for each 100,000 Btu/Hr rating. Provide extra fresh air if more heaters are being used.

Example: A 150,000 Btu/Hr heater requires one of the following:

- a two-car garage door (5 m wide opening) raised 8.6 cm.
- a single-car garage door (2.75 m wide opening) raised 15.3 cm.
- two, 76.2 cm wide windows raised 28 cm.

OPERATION

AWARNING

Review and understand the warnings in the *Safety Information Section*, page 3. They are needed to safely operate this heater. Follow all local codes when using this heater.

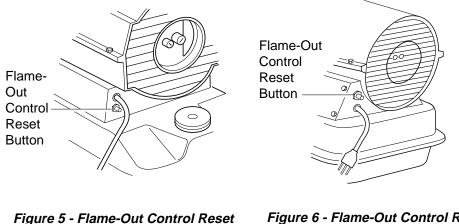
To Start Heater

- 1. Follow all ventilation and safety information.
- 2. Fill fuel tank with kerosene.
- 3. Attach fuel cap.
- 4. Plug power cord into grounded receptacle with 100 Volts, 50 or 60 Hz.
- 5. Turn ON/OFF switch to "ON".

Extension Cord Wire Size Requirements

Up to 100 feet (30.5 meters) long, use 16 AWG (1.0 mm²) conductor 101 to 200 feet (30.6 to 61 meters) long, use 14 AWG (1.5 mm²) conductor

If heater does not start, push in flame-out control reset button (see Figures 5 and 6).



Button (REMJ70)

Figure 6 - Flame-Out Control Reset Button (REMJ150)

| OPERATION Continued | | er F switch to "OFF." er cord from outlet. | | |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| | | eater tes after stopping heater. under <i>To Start Heater</i> , page 7. | | |
| STORING, TRANSPORTING, OR SHIPPING | STORING, Note: If shipping, transport companies require fuel tanks to be empt Drain fuel tank by removing drain plug on underside of fuel tank Replace drain plug. If only debris is noted in old fuel odd 1 or 2 more of clean here. | | | |
| PREVENTATIVE MAINTENANCE SCHEDULE | | | | |
| | | WARNING vice heater while it is plugged in re burns and electrical shock ca | | |
| MAINTENANCE | | vice heater while it is plugged in | an occur. <u>How To</u> See Storing, Transporting, or | |
| MAINTENANCE | hot. Sever | vice heater while it is plugged in re burns and electrical shock ca <u>How Often</u> Flush every 150-200 hours | How To | |
| MAINTENANCE | hot. Sever Item Fuel tank | vice heater while it is plugged in re burns and electrical shock ca <u>How Often</u> Flush every 150-200 hours of operation or as needed. Replace every 500 hours of lint filters operation or once | An occur. <u>How To</u> See Storing, Transporting, or Shipping, above. See Air Output, Air Intake, | |
| MAINTENANCE | hot. Sever Item Fuel tank Air output and Air intake | vice heater while it is plugged in the burns and electrical shock can be burned as a straight of the burned of the burn | An occur. <u>How To</u> See Storing, Transporting, or Shipping, above. See Air Output, Air Intake, and Lint Filters, page 12. See Air Output, Air Intake, | |
| MAINTENANCE | hot. Sever Item Fuel tank Air output and Air intake filter | vice heater while it is plugged in the burns and electrical shock can be burns of operation or as needed. Replace every 150-200 hours of lint filters operation or once a year. Wash and dry with soap and water every 500 hours of operation or as needed. Clean twice a heating season | How To See Storing, Transporting, or Shipping, above. See Air Output, Air Intake, and Lint Filters, page 12. See Air Output, Air Intake, and Lint Filters, page 12. See Fuel Filter, pages 10 | |
| MAINTENANCE | hot. Sever Item Fuel tank Air output and Air intake filter Fuel filter | vice heater while it is plugged in the burns and electrical shock can be burned as the burned of the burned o | How To See Storing, Transporting, or Shipping, above. See Air Output, Air Intake, and Lint Filters, page 12. See Air Output, Air Intake, and Lint Filters, page 12. See Fuel Filter, pages 10 and 11. | |

TROUBLE-SHOOTING

WARNING

Never service heater while it is plugged in, operating, or hot. Severe burns and electrical shock can occur.

OBSERVED FAULT POSSIBLE CAUSE

Heater ignites, but flame-out control shuts off heater after a short period of time Wrong pump pressure

Dirty air output, air intake, and lint filters Dirty fuel filter

Dirt in nozzle Dirty photocell lens Bad flame-out control

REMEDY

See *Pump Pressure* Adjustment, page 12. See Air Output, Air Intake and Lint Filters, page 12. See Fuel Filter, pages 10 and 11. See Nozzle, page 13.

Clean photocell lens.

Replace flame-out control.

Heater will not ignite, but motor runs for a short period of time.

Wrong pump pressure

Carbon deposits on spark plug and/or improper gap Dirty fuel filter

Dirt in nozzle Water in fuel tank See *Pump Pressure* Adjustment, page 12. See Spark Plug, page 11.

See Fuel Filter, pages 10 and 11.

See *Nozzle*, page 13.

Drain and flush fuel tank with clean kerosene. See Storing, Transporting, or Shipping, page 8.

button, see Figures 5 and

If fan is hard to turn, see Pump Rotor, page 14.

6, page 7.

WARNING: High voltage!

Make sure electronic Electronic ignitor not grounded (earthed) ignitor mounting is tight. Replace electronic Bad electronic ignitor ignitor.

Motor does not start when heater is plugged in, fan rotates slowly or does not turn.

ON/OFF switch in "OFF" Switch to "ON" position position Flame-out control not reset Reset flame-out control

Binding pump rotor

SERVICE PROCEDURES

Upper Shell Removal

- 1. Remove screws along each side of heater using 5/16" nut-driver. These screws attach upper and lower shells together.
- 2. Lift upper shell off.
- 3. Remove fan guard.

WARNING

Never service heater while it is plugged in, operating, or hot. Severe burns and electrical shock can occur.

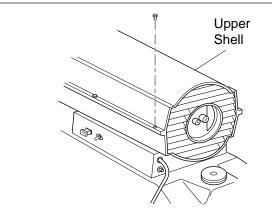


Figure 7 - Upper Shell Removal (REMJ70)

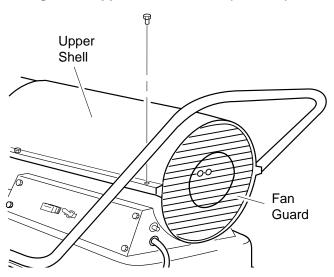


Figure 8 - Upper Shell Removal (REMJ150)

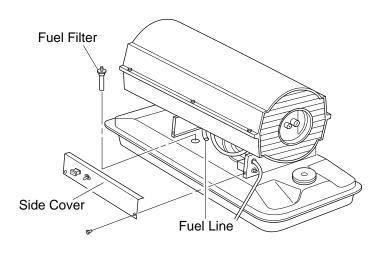
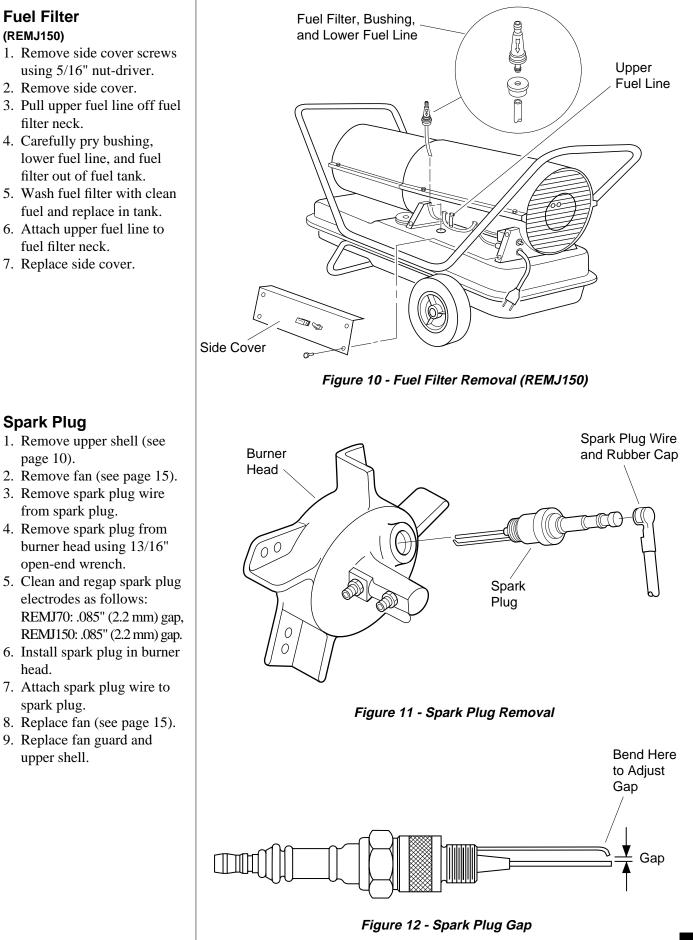


Figure 9 - Fuel Filter Removal (REMJ70)

Fuel Filter (REMJ70)

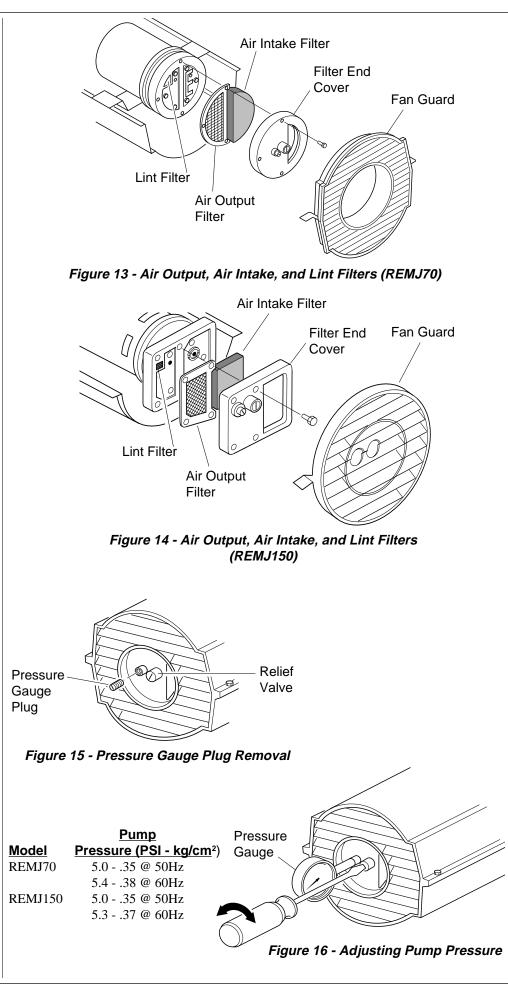
- 1. Remove side cover screws using 5/16" nut-driver.
- 2. Remove side cover.
- 3. Pull rubber fuel line off fuel filter neck.
- 4. Carefully pry bushing and fuel filter out of fuel tank.
- 5. Wash fuel filter with clean fuel and replace in tank.
- 6. Attach rubber fuel line to fuel filter neck.
- 7. Replace side cover.



Air Output, Air Intake, and Lint Filters

- 1. Remove upper shell (see page 10).
- 2. Remove filter end cover screws using 5/16" nutdriver.
- 3. Remove filter end cover.
- 4. Replace air output and lint filters.
- 5. Wash or replace air intake filter (see *Preventative Maintenance Schedule*, page 8).
- 6. Replace filter end cover.
- 7. Replace fan guard and upper shell.

IMPORTANT: Do not oil filters.



Pump Pressure Adjustment

- 1. Remove pressure gauge plug from filter end cover.
- 2. Install accessory pressure gauge (part number HA1180).
- 3. Start heater (see *Operation*, page 7). Allow motor to reach full speed.
- Adjust pressure. Turn relief valve to right to increase pressure. Turn relief valve to left to decrease pressure. See specifications at right for correct pressure for each model.
- 5. Remove pressure gauge. Replace pressure gauge plug in filter end cover.

Nozzle

- 1. Remove upper shell (see page 10).
- 2. Remove fan (see page 15).
- 3. Remove fuel and air line hoses from burner head.
- 4. Remove spark plug wire from spark plug.
- 5. Remove spark plug from burner head using 13/16" open-end wrench.
- 6. Remove three screws using 5/16" nut-driver and remove burner head from combustion chamber.
- 7. Place burner head into vise and lightly tighten.
- Carefully remove nozzle from burner head using 5/8" socket wrench (see Figure 18).
- Blow compressed air through face of nozzle. This will free any dirt in nozzle area.
- 10. Inspect nozzle seal for damage.
- 11. Replace nozzle into burner head and tighten firmly (80-110 inch-pounds/9.1-12.4 n-m).
- 12. Attach burner head to combustion chamber.
- 13. Install spark plug in burner head.
- 14. Attach spark plug wire to spark plug.
- 15. Attach fuel and airline hoses to burner head.
- 16. Replace fan (see page 15).
- 17. Replace fan guard and upper shell.

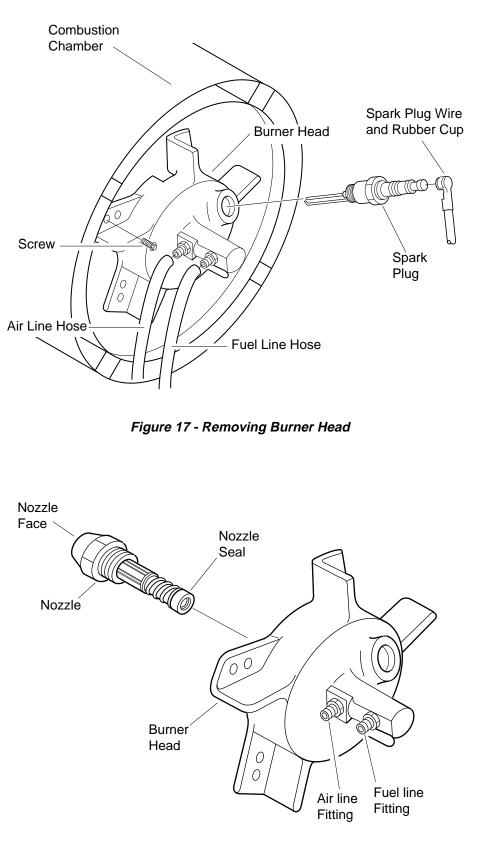


Figure 18 - Removing Nozzle

Pump Rotor

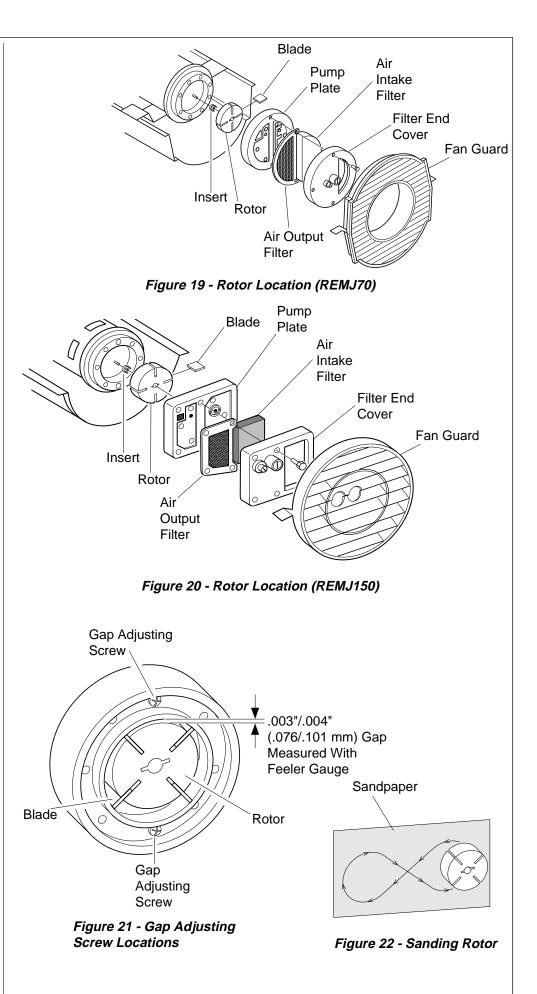
- (Procedure if rotor is binding)
- 1. Remove upper shell (see page 10).
- Remove filter end cover screws using 5/16" nutdriver.
- 3. Remove filter end cover and air filters.
- 4. Remove pump plate screws using 5/16" nutdriver.
- 5. Remove pump plate.
- 6. Remove rotor, insert, and blades.
- 7. Check for debris in pump. If debris is found, blow out with compressed air.
- 8. Install insert and rotor.
- Check gap on rotor. Adjust to .003"/.004" (.076/.101 mm) if needed (see Figure 21).

Note: Rotate rotor one full turn to insure the gap is .003"/.004" (.076/.101 mm) at tightest position. Adjust if needed.

- 10. Install blades, pump plate, air filters, and filter end cover.
- 11. Replace fan guard and upper shell.
- 12. Adjust pump pressure (see page 12).

Note: If rotor is still binding, proceed as follows.

- 13. Perform steps 1 through 6 above.
- 14. Place fine grade sandpaper (600 grit) on flat surface. Sand rotor lightly in "figure 8" motion four times (see Figure 22).
- 15. Reinstall insert and rotor.
- 16. Perform steps 10 through 12 above.



Fan

IMPORTANT: Remove fan from motor shaft before removing motor from heater. The weight of the motor resting on the fan could damage the fan pitch.

- 1. Remove upper shell (see page 10).
- 2. Use 1/8" allen wrench to loosen setscrew which holds fan to motor shaft.
- 3. Slip fan off motor shaft.
- 4. Clean fan using a soft cloth moistened with kerosene or solvent.
- 5. Dry fan thoroughly.
- 6. Replace fan on motor shaft. Place fan hub flush with end of motor shaft (see Figure 24).
- Place setscrew on flat of shaft. Tighten setscrew firmly (40-50 inch-pounds/ 4.5-5.6 n-m).
- 8. Replace fan guard and upper shell.

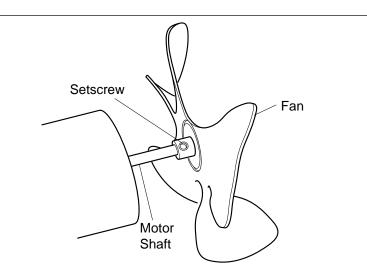


Figure 23 - Fan, Motor Shaft, and Setscrew Location

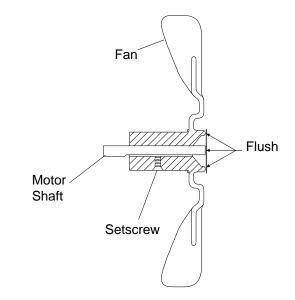
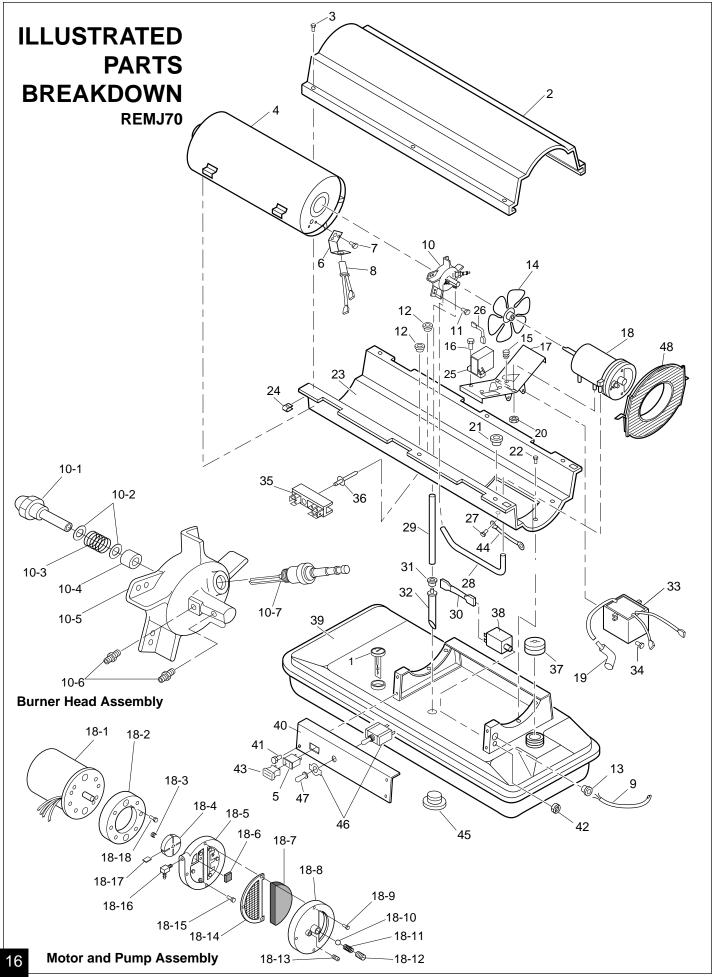


Figure 24 - Fan Cross Section

| | REMJ70 | REMJ150 |
|-------------------------------------------------|------------------------------------------------|------------------------------------------------|
| Heat Output (Kcal/hr) | 17,640 | 38,500 |
| Fuel Consumption (liters/hr) | 1.9 | 4.2 |
| Fuel Tank Capacity (liters) | 16 | 47 |
| Run Time per Tank (hours) | 8 | 11 |
| Hot Air Output (m ³ /min) | 6.7@50Hz 7.5@60Hz | 12.4@50Hz 13.7@60Hz |
| Voltage | 100 | 100 |
| Frequency (Hz) | 50/60 | 50/60 |
| Wattage (W) | 200 | 340 |
| Pump Pressure (kg/cm ²) (PSI) | 0.35@50Hz 0.38@60Hz 5.0@50Hz 5.4@60Hz | 0.35@50Hz 0.37@60Hz 5.0@50Hz 5.3@60Hz |

SPECIFICATIONS

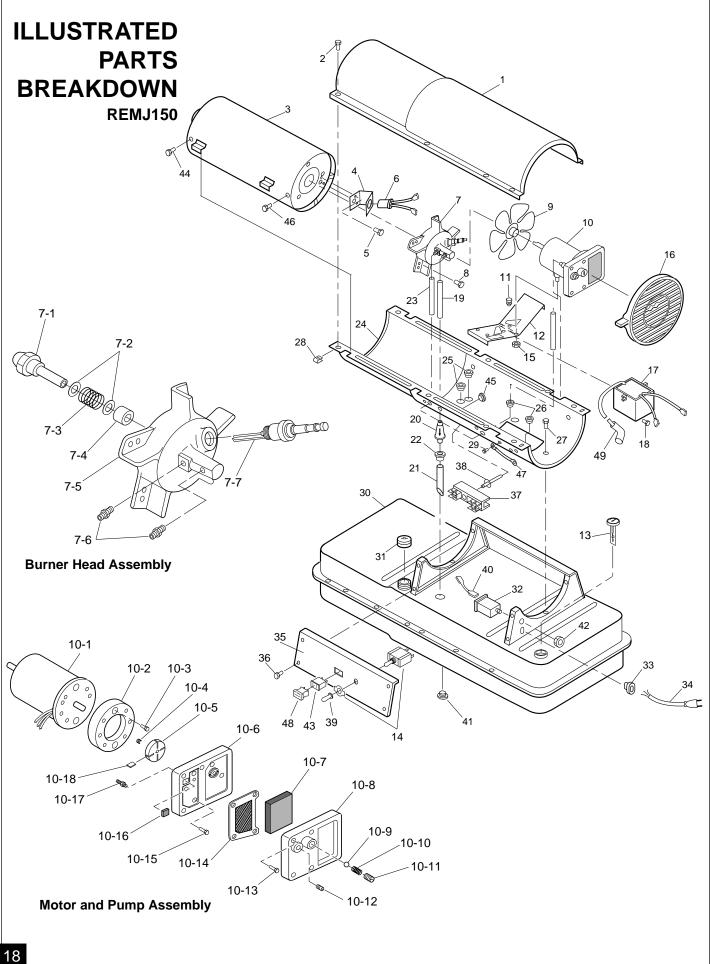


PARTS LIST REMJ70

This list contains replaceable parts used in your heater. When ordering parts, be sure to provide the correct model and serial numbers (from the model plate), then the part number and description of the desired part.

| KEY | PART | PART | | KEY | PART | PART | |
|-------|------------|---------------------------|------|-----|-------------|----------------------------|------|
| NO. | NUMBER | DESCRIPTION | QTY. | NO. | NUMBER | DESCRIPTION | QTY. |
| | | | | | | | |
| 1 | 097190-01 | Fuel Gauge | 1 | 19 | M50050 | Rubber Boot | 1 |
| 2 | 098511-188 | Upper Shell | 1 | 20 | NTC-4C | Hex locknut | 2 |
| 3 | 100647-01 | Screw, #10-16 x 1/2" | 6 | 21 | M50104-02 | Shorty Bushing (wires) | 1 |
| 4 | 098512-41 | Combustion Chamber | 1 | 22 | M11084-26 | Screw, #10-16 x 3/8" | 6 |
| 5 | 097202-01 | Receptacle | 1 | 23 | 098511-81 | Lower Shell | 1 |
| 6 | M16660 | Photocell Bracket | 1 | 24 | M11271-8 | Clip Nut | 6 |
| 7 | M10908-2 | Screw, #6-32 x 3/8" | 2 | 25 | 097061-01 | Relay (motor start) | 1 |
| 8 | HA3019 | Photocell Assembly | 1 | 26 | 079010-18 | Wire Assembly (red 16") | 1 |
| 9 | 102330-01 | Power Cord | 1 | 27 | M10908-14 | Screw, #8-32 x 3/8" | 1 |
| 10 | ** | Burner Head Assembly | 1 | 28 | M29652-04 | Rubber Airline | 1 |
| 10-1 | 100735-14 | Nozzle | 1 | 29 | 079973-01 | Fuel Line | 1 |
| 10-2 | M10659-1 | Nozzle Seal Washer | 2 | 30 | M16841-57 | Wire Assembly (red 8 1/2") | 1 |
| 10-3 | M10809-1 | Nozzle Seal Spring | 1 | 31 | M10990-3 | Rubber Bushing | 1 |
| 10-4 | M8882 | Nozzle Seal Sleeve | 1 | 32 | M50876-05 | Fuel Filter Assembly | 1 |
| 10-5 | M51098-02 | Burner Head Body | 1 | | | (Includes bushing) | |
| 10-6 | M50820-01 | Barb Fitting | 2 | 33 | 101901-09 | Electronic Ignitor | 1 |
| 10-7 | M10962-2 | Spark Plug | 1 | 34 | M11084-29 | Screw, #10-16 x 3/4" | 2 |
| 11 | M11084-27 | Screw, #10-16 x 1/2" | 3 | 35 | 099125-03 | Terminal Board | 1 |
| 12 | M30865-02 | Bushing | 2 | 36 | 099157-01 | Rivet | 1 |
| 13 | 099492-01 | Strain Relief Bushing | 1 | 37 | 097702-01 | Fuel Tank Cap | 1 |
| 14 | 097200-01 | Fan | 1 | 38 | 097997-02 | Flame-Out Control | 1 |
| 14 | M50631 | Rubber Bumper | 2 | 39 | 098513-57 | Fuel Tank | 1 |
| | | | | 40 | 097194-02AA | Side Cover | 1 |
| 16 | M15823-39 | Screw, #8-18 x 1/2" | 2 | 41 | M11084-26 | Screw, #10-16 x 3/8" | 2 |
| 17 | 101205-01 | Motor and Relay Bracket | 1 | 42 | 099177-01 | Hex Nut | 1 |
| 18 | | Motor and Pump Assembly | 1 | 43 | 097274-01 | Jumper Plug | 1 |
| 18-1 | 097286-02 | Motor | 1 | 44 | M9900-192 | Wire Assembly (green 16") | 1 |
| 18-2 | 079975-02 | Pump Body | 1 | 45 | M27417 | Drain Plug | 1 |
| 18-3 | M22009 | Insert | 1 | 46 | 098226-01 | ON/OFF Switch | 1 |
| 18-4 | M22456-1 | Rotor | 1 | 47 | 097196-02 | Switch Seal | 1 |
| 18-5 | M29608 | End Pump Cover | 1 | 48 | M51105-01 | Fan Guard | 1 |
| 18-6 | M29632 | Lint Filter | 1 | | | | |
| 18-7 | M29633 | Intake Filter | 1 | | | | |
| 18-8 | M29609 | End Filter Cover | 1 | | | | |
| 18-9 | M12461-31 | Screw, #10-32 x 1" | 3 | | | | |
| 18-10 | M8940 | Steel Ball (1/4" Dia.) | 1 | | PARTS AVAIL | ABLE - NOT SHOWN | |
| 18-11 | M10993-1 | Pressure Relief Spring | 1 | | | | |
| 18-12 | M27694 | Adjusting Screw | 1 | | HA2210 | Filler Neck Screen | 1 |
| 18-13 | M22997 | Plug | 1 | | 097208-31 | Nameplate Decal | 1 |
| 18-14 | M29612-01 | Output Filter | 1 | | 098070-02 | Warning Decal | 1 |
| 18-15 | M12461-31 | Screw, #10-32 x 1" | 6 | | M9900-170 | Wire Assembly (Black 12") | 1 |
| 18-16 | M50016 | Elbow, 90° (Barb Fitting) | 1 | | M16841-20 | Wire Assembly (Black 7") | 1 |
| 18-17 | M8643 | Blade | 4 | | | | |
| 18-18 | FHPF3-5C | Screw, #10-32 x 5/8" | 2 | | | | |

**Not available as an assembly, order parts separately.



PARTS LIST REMJ150

This list contains replaceable parts used in your heater. When ordering parts, be sure to provide the correct model and serial numbers (from the model plate), then the part number and description of the desired part.

| KEY NO. | PART NUMBER | DESCRIPTION | QTY. | KEY NO. | PART NUMBER | DESCRIPTION | QTY. |
|------------|----------------|---------------------------|------|-----------------------------|----------------|-----------------------------|------|
| 1 | 098511-66 | Upper Shell | 1 | 17 | 101901-03 | Electronic Ignitor | 1 |
| 2 | 100647-01 | Screw, #10-16 x 1/2" | 8 | 18 | M11084-29 | Screw, #10-16 x 3/4" | 2 |
| 3 | 098512-36 | Combustion Chamber | 1 | 19 | M51345-01 | Fuel Line | 1 |
| 4 | 099229-01 | Photocell Bracket | 1 | 20 | M51150-01 | Fuel Filter | 1 |
| 5 | M10908-2 | Screw, #6-32 x 3/8" | 2 | 21 | M51151-02 | Fuel Line Tube | 1 |
| 6 | HA3019 | Photocell Assembly | 1 | 22 | M10990-3 | Rubber Bushing | 1 |
| 7 | ** | Burner Head Assembly | 1 | 23 | M50814-03 | Air Line | 1 |
| 7-1 | 100735-07 | Nozzle | 1 | 24 | 098511-82 | Lower Shell | 1 |
| 7-2 | M10659-1 | Nozzle Washer | 2 | 25 | M50104-03 | Bushing | 2 |
| 7-3 | M10809-1 | Nozzle Spring | 1 | 26 | M50104-01 | Bushing | 2 |
| 7-4 | M8882 | Nozzle Sleeve | 1 | 27 | M11084-27 | Screw, #10-16 x 1/2" | 6 |
| 7-5 | M50924-08 | Burner Head Body | 1 | 28 | M11271-8 | Clip Nut | 8 |
| 7-6 | M50820-02 | Barb Fitting | 2 | 29 | M10908-14 | Screw, #8-32 x 3/8" | 1 |
| 7-7 | HA3012 | Spark Plug | 1 | 30 | 098513-81 | Fuel Tank | 1 |
| 8 | M11084-27 | Screw, #10-16 x 1/2" | 3 | 31 | 097702-01 | Fuel Tank Cap | 1 |
| 9 | 102042-01 | Fan | 1 | 32 | 097997-02 | Flame-Out Control | 1 |
| 10 | ** | Motor and Pump Assembly | 1 | 33 | 099492-01 | Strain Relief Bushing | 1 |
| 10-1 | 102234-01 | Motor | 1 | 34 | 102330-01 | Power Cord | 1 |
| 10-2 | 079975-02 | Pump Body | 1 | 35 | M51077-07AA | Side Cover | 1 |
| 10-3 | FHPF3-5C | Screw #10-32 x 5/8" | 2 | 36 | M11084-27 | Screw, #10-16 x 1/2" | 4 |
| 10-4 | M22009 | Rotor Insert | 1 | 37 | 099125-02 | Terminal Board | 1 |
| 10-5 | M22456-1 | Pump Rotor | 1 | 38 | 099157-02 | Rivet | 1 |
| 10-6 | M50545 | Pump End Cover | 1 | 39 | 097196-02 | Switch Seal | 1 |
| 10-7 | M12179 | Intake Filter | 1 | 40 | M16841-57 | Wire Assembly (Red, 8 1/2") | 1 |
| 10-8 | M16545 | Filter End Cover | 1 | 41 | M27417 | Drain Plug | |
| 10-9 | M8940 | Steel Ball, 1/4" diameter | 1 | | | (Includes "O" Ring) | 1 |
| 10-10 | M10993-1 | Relief Spring | 1 | 42 | 099177-01 | Hex Nut | 1 |
| 10-11 | M27694 | Adjusting Screw | 1 | 43 | 097202-01 | Receptacle | 1 |
| 10-12 | M22997 | Plug | 1 | 44 | 099230-01 | Screw, #10-16 x 3/8" | 2 |
| 10-13 | M12461-31 | Screw #10-32 x 1" | 4 | 45 | 099213-01 | Button Plug | 1 |
| 10-14 | M12244-1 | Output Filter | 1 | 46 | M11084-27 | Screw, #10-16 x 1/2" | 2 |
| 10-15 | M12461-31 | Screw, #10-32 x 1" | 6 | 47 | M9900-192 | Wire Assembly (Green, 16") | 1 |
| 10-16 | M11637 | Lint Filter | 1 | 48 | 097274-01 | Jumper Plug | 1 |
| 10-17 | M50820-02 | Barb Fitting | 1 | 49 | M50050 | Rubber Boot | 1 |
| 10-18 | M8643 | Blade | 4 | | | | |
| 11 | M50631 | Rubber Bumper | 2 | PARTS AVAILABLE - NOT SHOWN | | | |
| 12 | 101206-01 | Motor Mounting Bracket | 1 | | | | |
| 13 | 097190-03 | Fuel Gauge | 1 | | HA2210 | Filler Neck Screen | 1 |
| 14 | 098226-01 | ON/OFF Switch | 1 | | 097208-32 | General Information Decal | 1 |
| 15 | NTC-4C | Hex Lock Nut, 1/4-20 | 2 | | 098070-02 | Warning Decal | 1 |
| 16 | M51114-01 | Fan Guard | 1 | | M16841-20 | Wire Assembly (Black 7") | 1 |

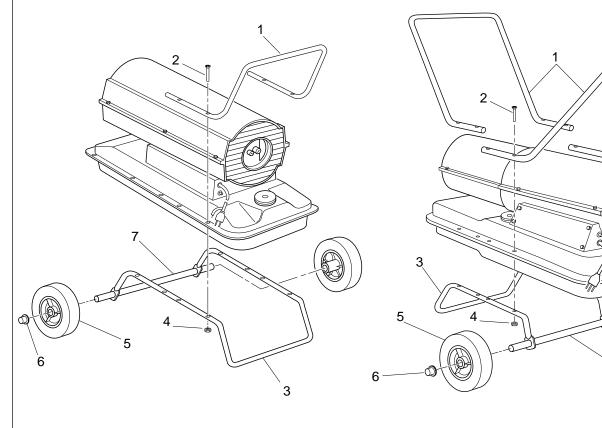
** Not available as an assembly. Order parts separately.

WHEELS AND HANDLES

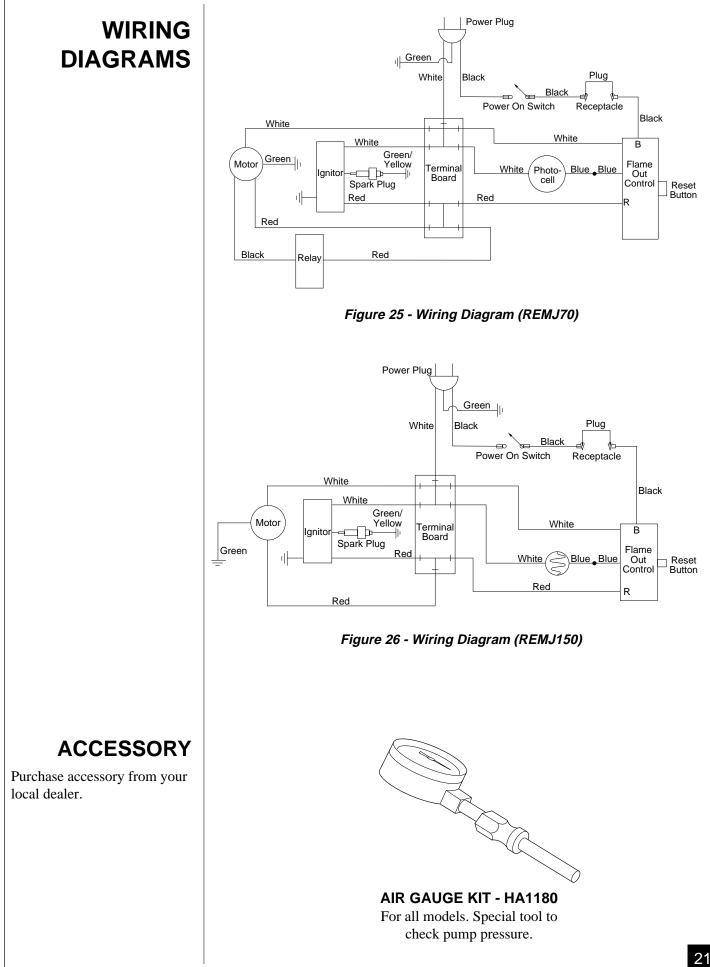
| KEY NO. | PART NUMBER | PART DESCRIPTION | REMJ70 QTY. | REMJ150 QTY. |
|------------|----------------|------------------------|----------------|-----------------|
| 1 | 097198-02 | Handle (Rear) | 1 | _ |
| | 097777-03 | Handles | | 2 |
| 2 | M12345-33 | Screw, #10-24 x 1 3/4" | 4 | 8 |
| 3 | 097197-02 | Wheel Support Frame | 1 | _ |
| | M12831-3 | Wheel Support Frame | _ | 1 |
| 4 | NTC-3C | Hex Nut, #10-24 | 4 | 8 |
| 5 | 097766-01 | Wheel | 2 | 2 |
| 6 | M28526 | Cap Nut | 2 | 2 |
| 7 | M51015-04 | Axle | 1 | _ |
| | M16801-2 | Axle | — | 1 |

REMJ70

REMJ150



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