





**NEVER LEAVE THE HEATER  
UNATTENDED WHILE BURNING!**

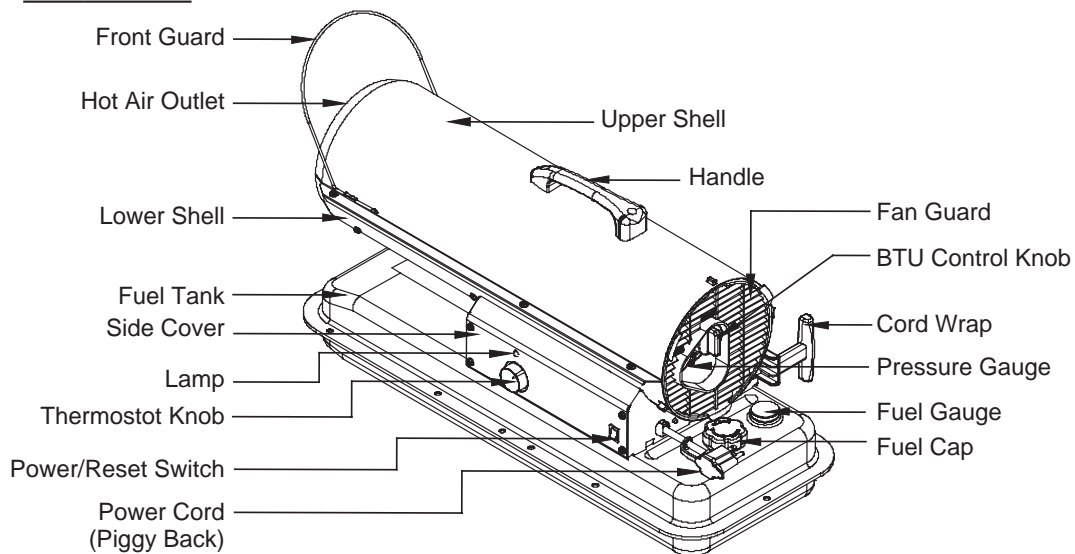
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**1. INTRODUCTION**

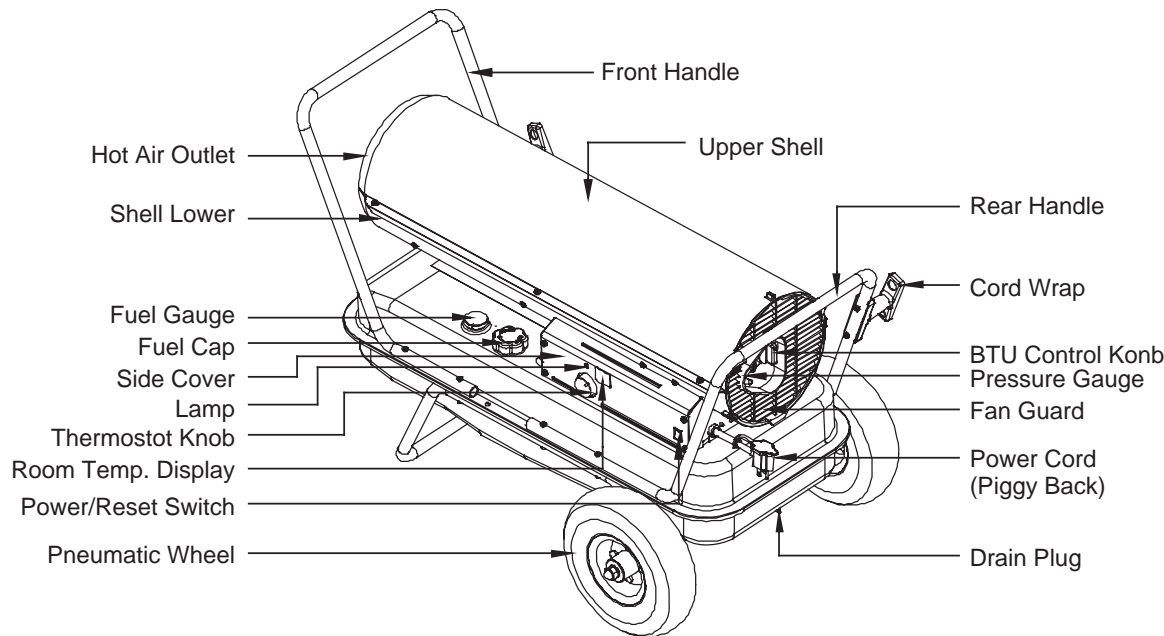
Please read this USER'S MANUAL carefully. It will show you how to assemble, maintain, and operate the heater safely and efficiently to obtain full benefits from its many built-in features.

**2. FEATURES**

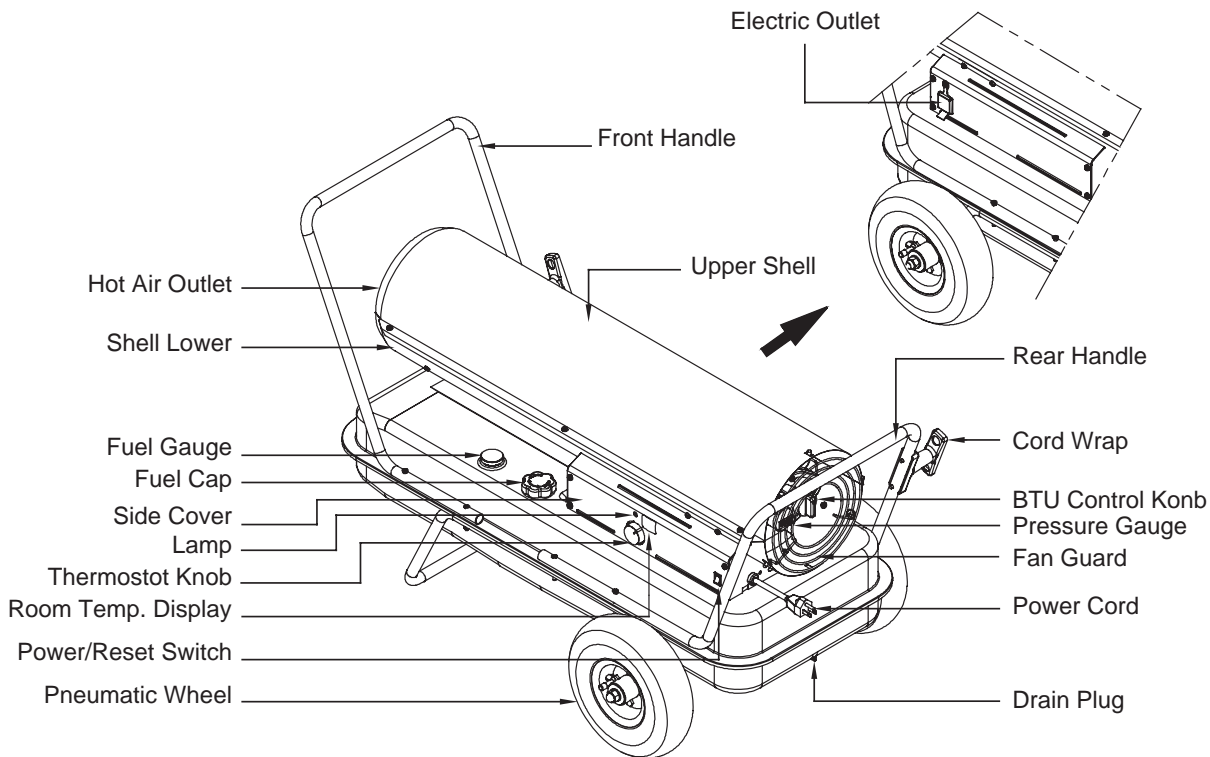


**Figure 1. RMC-KFA75TL MODEL**

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**Figure 2. RMC-KFA125TL MODEL**



**Figure 3. RMC-KFA210TL MODEL**



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## 2. ASSEMBLY

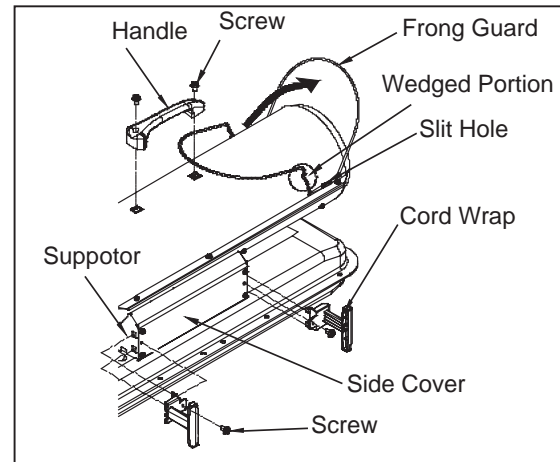
For RMC-KFA75TL Model only

### Tools Required

- Medium Phillips Screwdriver.

#### 1. Assembling Handle & Cord Wrap

- 1) Lift front guard for arrow direction and make sure that guard's wedged portion fits into the slit hole on the upper housing.
- 2) Align the holes in the upper housing with two mounting holes on the handle as shown in Figure 6.
- 3) Secure handle with Screws with provided.
- 4) Insert cord wrap into the rectangle holes on the supportor and align the hole on the cord wrap with the mounting hole on the side cover as shown in Figure 6.
- 5) Secure cord wrap with Screws with provided.

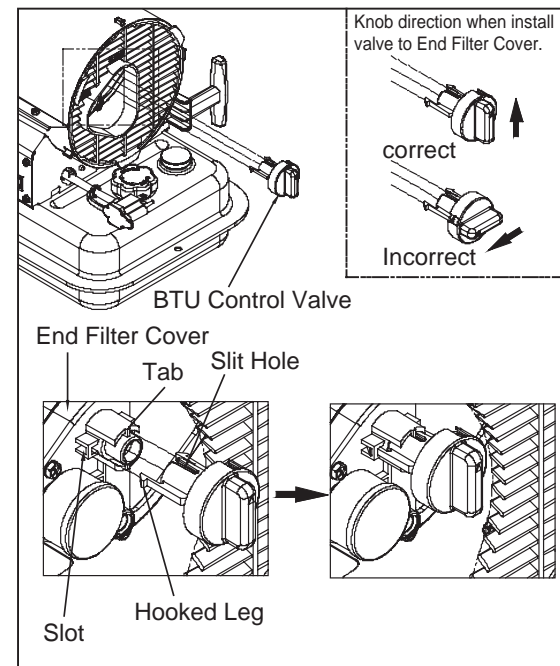


**Figure 6. Assembling Handle & Cord Wrap**

#### 2. Assembling BTU Control Valve.

- 1) Align slit hole on body of Valve with Tab on the End Filter Cover as shown in figure 7.
- 2) Insert hooked leg of valve fully into slot of End Filter Cover so that hooked leg is completely locked to Slot.

**NOTE :** When install valve to End Filter Cover, If valve is assembled for incorrect knob direction, Hooked leg is not completely locked to slot.



**Figure 7. Assembling BTU Control Valve**

### Tools Required

- Medium Phillips Screwdriver.
- 19 mm Socket Wrench

#### 1. Assembling Handle & Wheel and Cord Wrap

- 1) Slide axle through wheel support frame.

Install wheel bushings and wheels on axle

**NOTE :** When installing wheels, tube valve should face out from support frame (Figure 8.)

- 2) Attach Cap Nuts on axle ends and tighten with Socket Wrench.
- 3) Place heater on wheel support frame. Align the holes on fuel tank flange with holes on wheel support frame.
- 4) Position the Handles on top of fuel tank flange. Insert screws through handles, fuel tank flange and wheel support frames as shown in Figure 8 and attach nut finger tight after each screw is inserted.
- 5) Align the hole on the handles with the mounding hole on the Cord Wrap. Insert Screws through Cord Wrap, handles and attach nut finger tight after each screw is inserted.
- 6) After all screws are inserted, tighten nuts firmly.



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2. Assembling BTU Control Valve.

Assemble by method previous page for model RMC-KFA75TL.

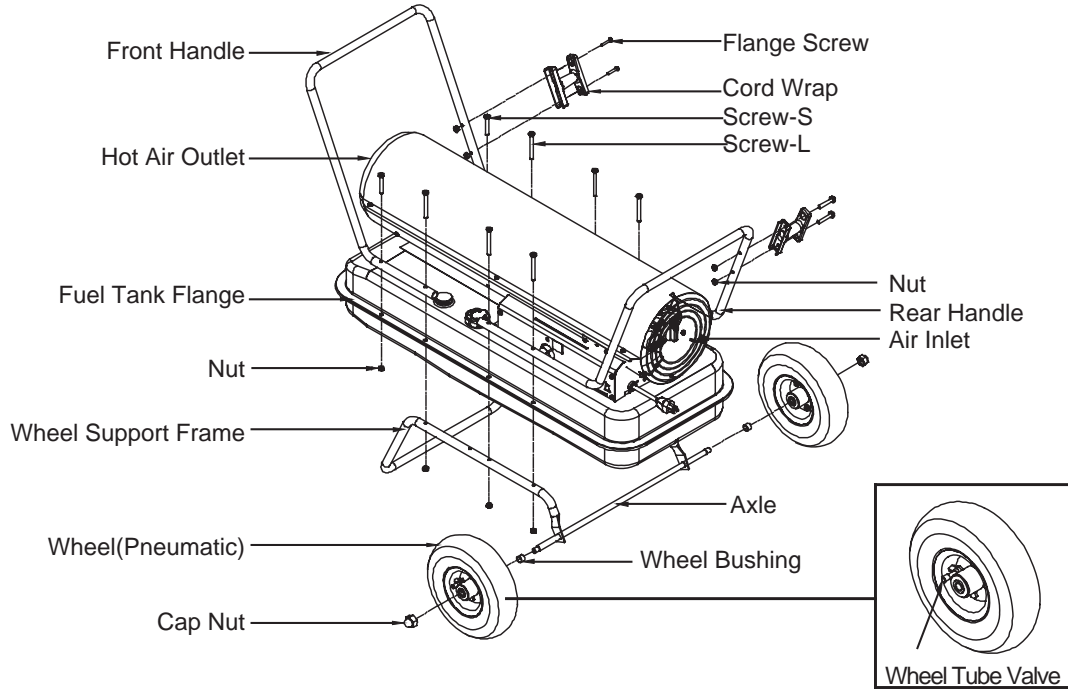


Figure 8. Assembling Handle & Wheel and Cord wrap

**CAUTION :** DO NOT OPERATE heater without support frame assembled to tank.

**NOTE :** Heater should be inspected before each use, and at least annually by a qualified service person.

**4. KEROSENE (1-K)**

For optimal performance of this heater, it is strongly suggested that 1-K kerosene be used. 1-K kerosene has been refined to virtually eliminate contaminants, such as sulphur. Which can cause a rotten egg odor during the operation of the heater. However, #1 diesel/fuel oil may also be used if 1-K kerosene is not available.

Be advised that these fuels do not burn as clean as 1-K kerosene, and care should be taken to provide more fresh air ventilation to accomodate any added contaminants that may be added to the heated space.

**KEROSENE SHOULD ONLY BE STORED IN A BLUE CONTAINER THAT IS CLEARLY MARKED “KEROSENE”. NEVER STORE KEROSENE IN A RED CONTAINER.**

Red containers are associated with gasoline.

**NEVER** store kerosene in the living space. Kerosene should be stored in a well ventilated place outside the living area.

**NEVER** use any fuel other than 1-K kerosene (#1 fuel oil is an acceptable substitute.)

**NEVER** use fuel such as gasoline, benzene, alcohol, white gas, camp stove fuel, paint thinners, or other oil compounds in this heater. These are volatile fuels that can cause an explosion or uncontrolled flames.

**NEVER** store kerosene in direct sunlight or near a source of heat.

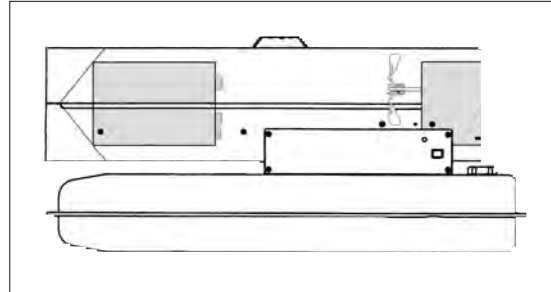
**NEVER** use kerosene that has been stored from one season to the next. Kerosene deteriorates over time.

**“OLD KEROSENE” WILL NOT BURN PROPERLY IN THIS HEATER.**

**NEVER LEAVE THE HEATER UNATTENDED WHILE BURNING!**

**5. OVERVIEW OF HEATERS DESIGN**

**Fuel System :** This heater is equipped with an electric air pump that forces air through the air line connected to the fuel intake and then through a nozzle in the burner head. When the air passes in front of the fuel intake it causes fuel to rise from the tank and into the burner nozzle. This fuel and air mixture is then sprayed into the combustion chamber in a fine mist.



**“Sure Fire Ignition” :** The electronic ignitor sends voltage to a specially designed spark plug. The spark plug ignites the fuel and air mixture described above.

**The Air System :** The heavy duty motor turns a fan that forces air into and around the combustion chamber. Here the air is heated and then forced out the front of the heater.

**The Safety System :**

**A. Temperature Limit Control :** This heater is equipped with a Temperature Limit Control designed to turn off the heater should the internal temperature rise to an unsafe level. If this device activates and turns your heater off it may require service.

MODELS	Internal Shut-Off Temp. Plus/Minus 10 Degrees	Reset Temperature Plus/Minus 10 Degrees
RMC-KFA75TL	176°F/80°C	122°F/50°C
RMC-KFA125TL	230°F/110°C	194°F/90°C
RMC-KFA210TL	194°F/90°C	140°F/60°C

Once the temperature falls below the reset temperature you will be able to start your heater.

**B. Electrical System Protection :** This heaters electrical system is protected by a fuse mounted to the PCB assembly that protects it and other electrical components from damage. If your heater fails to operate check this fuse first and replace as needed.

<b>FUSE TYPE:</b>	All Models	125 volt / 8 amps
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**C. Flame-Out Sensor :** Utilizes a photocell to monitor the flame in burn chamber during normal operation. It will cause the heater to shut-off should the burner flame extinguish.



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**6. FUELING YOUR HEATER**

**NEVER FILL THE HEATER FUEL TANK IN THE LIVING SPACE : FILL THE TANK OUTDOORS. DO NOT OVERFILL YOUR HEATER AND BE SURE HEATER IS LEVELED. IMPORTANT NOTICE REGARDING FIRST IGNITION OF HEATER :**

The first time you light the heater, it should be done outdoors. This allows the oils, etc. used in manufacturing the heater to burn off outside.

**▲ WARNING!! : NEVER REFILL HEATER FUEL TANK WHEN HEATER IS OPERATING OR STILL HOT.**

**7. OPERATION**

**A.) VENTILATION**

**RISK OF INDOOR AIR POLLUTION/USE HEATER ONLY IN WELL VENTILATED AREAS.**

Provide a fresh air opening of at least three square feet (2,800 sq. cm) for each 100,000 BTU/Hr. rating. Provide extra fresh air if more heaters are being used.

Example :

A RMC-KFA210TL heater requires one of the following:

- a two-car garage door raised six inches (15.24 cm)
- a single-car garage door raised nine inches (22.86 cm)
- two, thirty-inch (76.20 cm) windows raised fifteen inches (38.1 cm)

**B.) OPERATION**

**TO START HEATER**

1. Fill fuel tank with kerosene or No. 1 fuel oil.
2. Attach fuel cap.
3. Plug power cord of heater into three-prong, grounded extension cord. Extension cord must be at least six feet long.
  - Extension Cord Wire Size Requirements
  - 6 to 10 feet (1.8 to 3 meters) long, use 18 AWG conductor.
  - 11 to 100 feet (3.4 to 30.5 meters) long, use 16 AWG conductor.
  - 101 to 200 feet (30.8 to 61 meters) long, use 14 AWG conductor.
4. Turn "THERMOSTAT CONTROL Knob" to desired setting (setting range : 40°F ~ 110°F) and Turn "BTU control Knob" to desired level "High or LOW" (See Figure 9.)
5. Push Power Switch to "ON" position, Power Indicator Lamp will light and heater will start.

**NOTE : Room Temp. display indicates as following (RMC-KFA125TL/210TL Models only)**

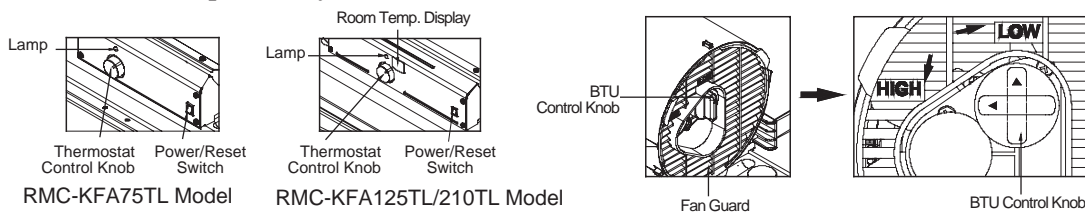
- when room temp. is less than 0 °F; "L"
- when room temp. is between 0 °F and 99 °F; Indicates in figure.
- when room temp. is more than 99 °F; "Hi"

If heater does not start, the thermostat setting may be too low, turn "thermostat Control Knob" to higher position to start heater. If heater still does not start, turn power switch to "OFF" and then to "ON" position. If heater still does not start, see Troubleshooting Guide on page 15.

**NOTE : User can change BTU LEVEL "High or Low" while in operation by turning BTU Control Knob.**

**If heater is operated by HIGH BTU LEVEL, Turn BTU Control Knob 90° to clockwise.**

**If heater is operated by LOW BTU LEVEL, Turn BTU Control Knob 90° to counter clockwise.**



**Figure 9. Controls for All Models**

**NEVER LEAVE THE HEATER UNATTENDED WHILE BURNING!**

**NOTICE :** The major electrical components of this heater are protected by a safety fuse mounted to the PCB board. If your heater fails to start, check this fuse first and replace as necessary. You should also check your power source to insure that proper voltage and frequency are being supplied to the heater.

**TO STOP HEATER**

1. Turn switch to “OFF” and unplug power cord.

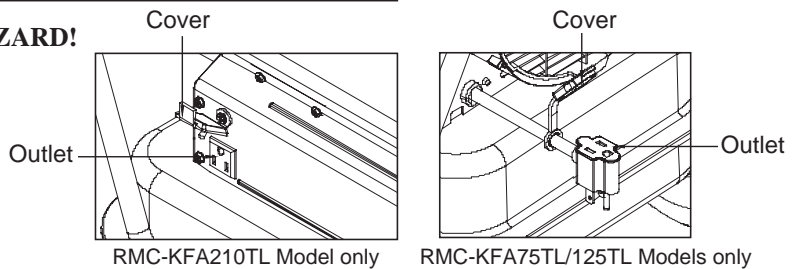
**TO RESTART HEATER**

1. Wait 10 seconds after stopping heater.
2. Repeat steps under to start heater.

**EXTRA ELECTRIC OUTLET & PIGGYBACK POWER CORD**

**⚠ WARNING : SHOCK HAZARD!**

- Always cover electric outlet when not in use.
- Don't plug and use a appliance more than 120V/60Hz 5A current in this outlet

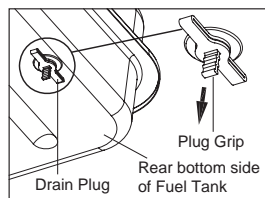


**Figure 10. Electric Outlet**

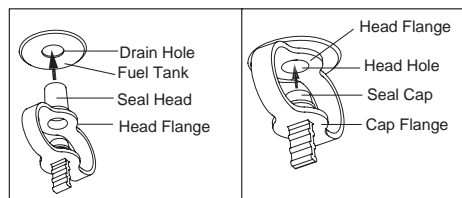
**8. LONG TERM STORAGE OF YOUR HEATER**

**FUEL TANK DRAIN**

1. Drain fuel tank through fuel cap opening.  
(For RMC-KFA75TL Model Only)
2. Remove drain plug from rear bottom side of fuel tank by pulling plug grip downward and drain.  
(For RMC-KFA125TL/210TL Models Only. See Figure 11)
3. Using a small amount of kerosene, swirl and rinse the inside of the tank.  
**NEVER mix water with the kerosene** as it will cause rust inside the tank.  
Pour the kerosene out making sure that you remove it all.  
**IMPORTANT :** Do not store kerosene over summer months for use during next heating season.  
Using old fuel could damage heater.
4. Reinstall fuel cap. Properly dispose of old and dirty fuel. (For RMC-KFA75TL Model Only)
5. Reinstall Drain Plug as follows.  
(For RMC-KFA125TL/210TL Models Only. See Figure 12)
  - Insert plug's seal head fully into drain hole so that flange is flush to tank's bottom.
  - Insert seal cap fully into head hole so that cap flange is flush to head flange.



**Figure 11. Drain Plug Removal**



**Figure 12. Drain Plug Reinstall**

**IMPORTANT :** Reinstall plug fully into hole in tank, Otherwise it will not seal completely.

6. Store heater in dry well ventilated area. Make sure storage place is free of dust and corrosive fumes.
7. Store the heater in the original box with the original packing material and keep the USER'S MANUAL with the heater.

**NEVER LEAVE THE HEATER UNATTENDED WHILE BURNING!**

**9. MAINTENANCE**

**⚠ WARNING!! : NEVER SERVICE HEATER WHILE IT IS PLUGGED IN OR WHILE HOT!**

**USE ORIGINAL EQUIPMENT REPLACEMENT PARTS. Use of third party or other alternate components will void warranty and may cause unsafe operating conditions.**

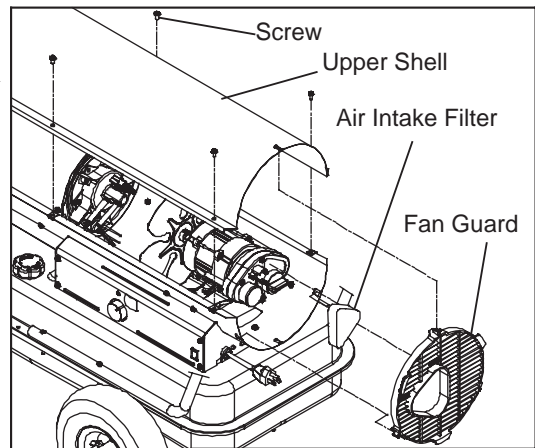
**A.) FUEL TANK**

FLUSH EVERY 200 HOURS OF OPERATION OR AS NEEDED (SEE STORAGE, PAGE 9)

**B.) AIR INTAKE FILTER**

WASH AND DRY WITH SOAP AND WATER EVERY 500 HOURS OF OPERATION OR AS NEEDED.

- Remove screws along each side of heater using medium phillips screwdriver.
- Lift upper shell off.
- Remove fan guard.
- Wash or replace air intake filter.
- Reinstall fan guard and upper shell.

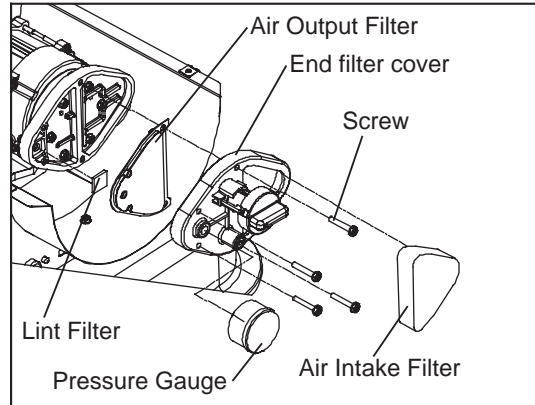


**Figure 13 Air Intake Filter Access**

**C.) AIR OUTPUT FILTER, LINT FILTER**

REPLACE EVERY 500 HOURS OF OPERATION OR ONCE A YEAR.

- Remove upper shell and fan guard (See Air Intake Filter).
- Turn Air pressure gauge counter-clock wise and remove.
- Remove end filter cover screws using medium phillips screwdriver.
- Remove end filter cover.
- Replace air output and lint filter.
- Reinstall end filter cover and air pressure gauge.
- Reinstall fan guard and upper shell.

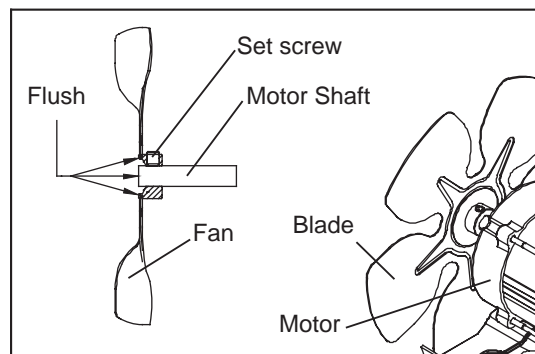


**Figure 14 Air Output Filter Access**

**D.) FAN BLADES**

CLEAN EVERY SEASON OR AS NEEDED.

- Remove upper shell (See Air Intake Filter).
- Use M6 allen wrench to loosen set screw which holds fan blade to motor shaft.
- Slip fan blade off motor shaft.
- Clean fan blade using a soft cloth moistened with kerosene or solvent.
- Dry fan blade thoroughly.
- Reinstall fan blade on motor shaft. Place fan blade hub flush with end of motor shaft.
- Place set screw on flat of shaft. Tighten set screw firmly (40-50 inch-pounds/4.5-5.6 N-m).
- Reinstall upper shell.



**Figure 15 Fan Assembly**

**NEVER LEAVE THE HEATER UNATTENDED WHILE BURNING!**

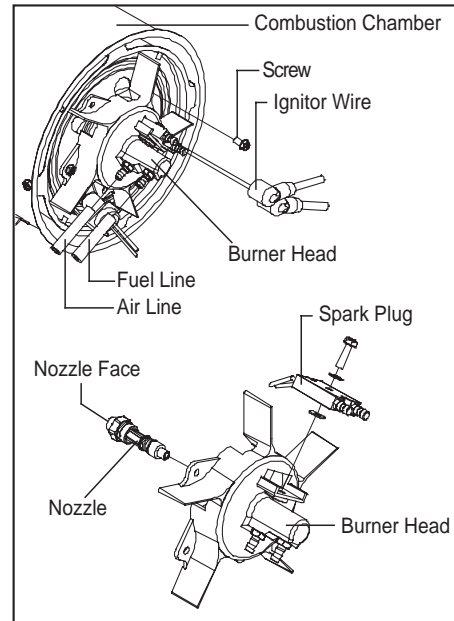
### E.) NOZZLE

REMOVE DIRT IN NOZZLE AS NEEDED (SEE PAGE 16).  
(For RMC-KFA75TL/125TL Models Only)

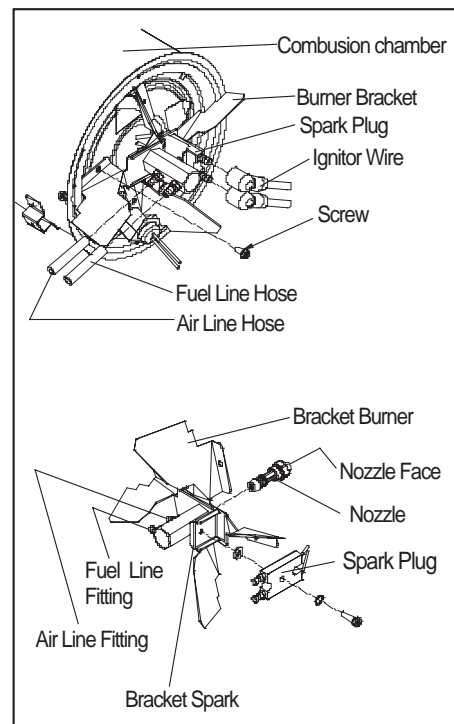
- Remove upper shell (See page 10).
- Remove fan blade (See page 10).
- Remove fuel and air line hoses from burner head.
- Remove ignitor wire from spark plug.
- Remove three screws using medium phillips screwdriver and remove burner head from combustion chamber.
- Remove spark plug from burner head using medium phillips screwdriver.
- Carefully remove nozzle from burner head using 5/8" socket wrench.
- Blow compressed air through face of nozzle. (this will remove any dirty in nozzle)
- Reinstall nozzle into burner head and tighten firmly. (80~110 inch-pounds)
- Reinstall spark plug in burner head.
- Attach burner head to combustion chamber.
- Attach ignitor wire to spark plug.
- Attach fuel and air line hoses to burner head.
- Reinstall fan blade and upper shell.

(For RMC-KFA210TL Model Only)

- Remove upper shell (See page 10).
- Remove fan (See page 10).
- Remove fuel and air line hoses from adaptor-nozzle.
- Remove ignitor wire from spark plug.
- Remove four screws using medium phillips screwdriver and remove burner-bracket from combustion chamber.
- Remove spark plug from burner head using medium phillips screwdriver.
- Carefully remove nozzle from adaptor-nozzle using 5/8" socket wrench.
- Blow compressed air through face of nozzle. (this will remove any dirt in nozzle)
- Reinstall nozzle into adaptor-nozzle and tighten firmly. (80~110 inch-pounds)
- Reinstall spark plug in spark-bracket.
- Attach burner-bracket to combustion chamber.
- Attach ignitor wire to spark plug.
- Attach fuel and air line hoses to adaptor-nozzle.
- Reinstall fan blade and upper shell.



**Figure 16. Nozzle Replacement**



**Figure 17. Nozzle Replacement**

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### F.) SPARK PLUG

CLEAN AND REGAP EVERY 600 HOURS OPERATION OR REPLACE AS NEEDED.  
(For RMC-KFA75TL/125TL Models Only)

- Remove upper shell (See page 10).
- Remove fan (See page 10).
- Remove ignitor wire from spark plug.
- Remove spark plug from burner head using medium phillips screwdriver.
- Clean and regap spark plug electrodes to 3.5mm gap.
- Reinstall spark plug in burner head.
- Attach ignitor wire to spark plug.
- Reinstall fan and upper shell.

(For RMC-KFA210TL Model Only)

- Remove upper shell (See page 10).
- Remove fan (See page 10).
- Remove ignitor wire from spark plug.
- Remove spark plug from spark-bracket using medium phillips screwdriver.
- Clean and regap spark plug electrodes to 3.5mm gap. (0.138")
- ReInstall spark plug in spark-bracket.
- Attach ignitor wire to spark plug.
- Reinstall fan and upper shell.

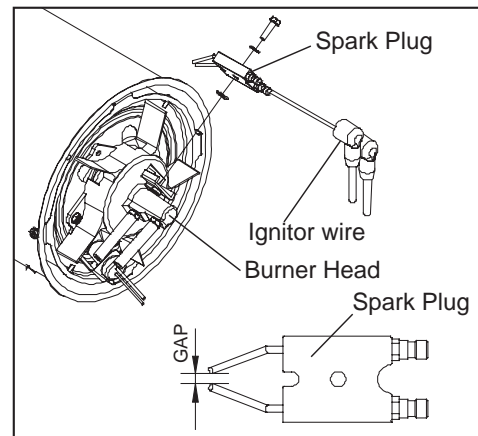


Figure 18. Spark Plug Regap

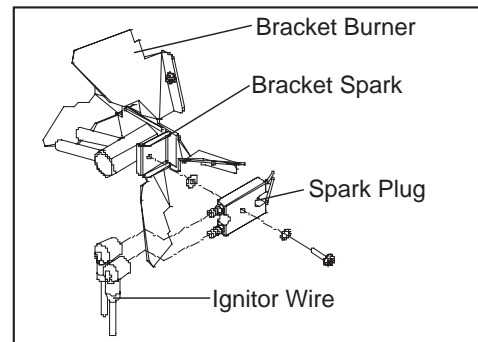


Figure 19. Spark Plug Regap

### G.) PHOTOCELL

CLEAN PHOTOCELL ANNUALLY OR AS NEEDED.

- Remove upper shell (See page 10).
- Remove fan (See page 10).
- Remove photocell from it's mounting.  
Clean photocell lens with cotton swab.

TO REPLACE:

- Remove side cover screws using medium phillips screwdriver.
- Disconnect switch wires from power switch and remove side cover.
- Disconnect wires from circuit board and remove photocell.
- Install new photocell and connect wires to circuit board.
- Replace switch wires to power switch and side cover.
- Replace fan and upper shell.

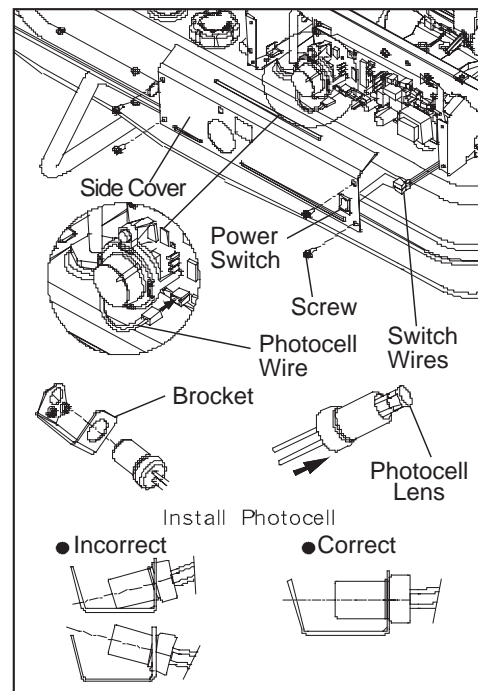


Figure 20. Photocell Replacement

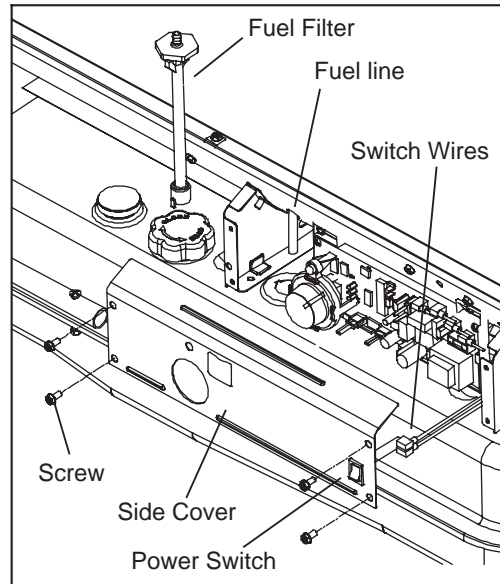


**NEVER LEAVE THE HEATER UNATTENDED WHILE BURNING!**

### H.) FUEL FILTER

CLEAN OR REPLACE TWICE A HEATING SEASON OR AS NEED.

- Remove side cover screws using medium phillips screwdriver.
- Disconnect switch wires from power switch and remove side cover.
- Pull fuel line off fuel filter neck.
- Turn fuel filter 90° to counter clockwise and pull to remove (RMC-KFA75TL Model only).
- Turn fuel filter 90° to clockwise and pull to remove (RMC-KFA125TL/210TL Models only).
- Wash fuel filter with clean fuel and replace in tank.
- Attach fuel line to fuel filter neck.
- Replace switch wires to power switch.
- Reinstall side cover.



**Figure 21. Fuel Filter Replacement**

### I.) PUMP PRESSURE ADJUSTMENT

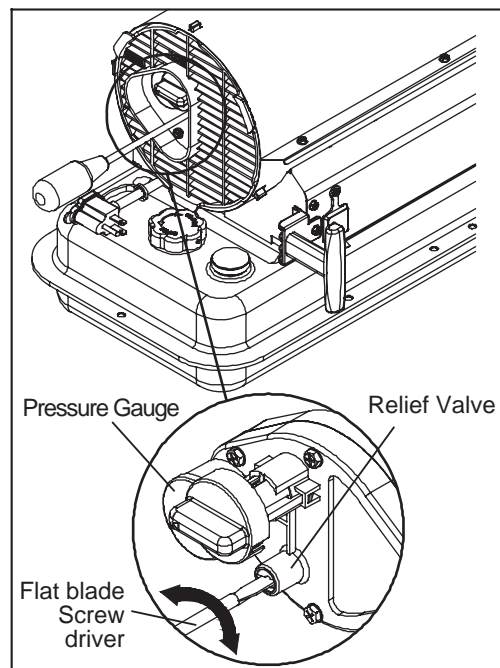
**NOTE: Low BTU level pump pressure is increased or decreased according to High BTU level pump pressure, So, In case need Pump pressure adjusting, Only adjust high BTU level Pump Pressure.**

- Turn BTU CONTROL Knob to HIGH BTU Level. (See Operation, page 8)
- Start heater (See Operation, page 8)  
Allow motor to reach full speed
- Adjust pressure (Using a flat blade screwdriver)  
Turn relief valve to clockwise to increase pressure.  
Turn relief valve to counter clockwise to decrease pressure.
- Set pump pressure to correct High BTU level pressure for each model
- Stop heater (See Operation, page 8)

MODEL	Pump Pressure	
	High BTU level	Low BTU level
RMC-KFA75TL	3.8 psi	2.7 psi
RMC-KFA125TL	5.5 psi	3.5 psi
RMC-KFA210TL	8.5 psi	6.5 psi

**NOTE : USE ONLY ORIGINAL EQUIPMENT REPLACEMENT PARTS.**

**Use of alternate or third party components will void any warranty and may cause unsafe operation condition.**



**Figure 22. Adjusting Pump Pressure**





**NEVER LEAVE THE HEATER UNATTENDED WHILE BURNING!**

**11. TROUBLE SHOOTING GUIDE**

TROUBLE	POSSIBLE CAUSE	CORRECTIVE ACTION
<p><b>Heater ignites but MAIN PCB assembly shuts heater off after a short period of time. (Indicator Lamp is flickering and room temp. display indicates " E1 ")</b></p>	<ol style="list-style-type: none"> <li>Wrong pump pressure</li> <li>Dirty Air Output,Air Intake or Lint Filter.</li> <li>Dirty Fuel Filter.</li> <li>Dirt in Nozzle.</li> <li>Dirty Photocell Lens.</li> <li>Photocell Assembly not Properly installed.(Not seeing the flame)</li> <li>Bad electrical connection between photocell and MAIN PCB assembly.</li> <li>Defective Photocell.</li> </ol>	<ol style="list-style-type: none"> <li>See Pump Pressure Adjustment, Page 13.</li> <li>See Air Output,Air intake and Lint Filters, page 10.</li> <li>See Fuel Filter, Page 13.</li> <li>See Nozzle, Page 11.</li> <li>Clean Photocell Lens, Page 12.</li> <li>Make sure photocell boot is properly seated in bracket, Page 12.</li> <li>Check electrical components See wiring diagram, Page 16.</li> <li>Replace Photocell, Page 12.</li> </ol>
<p><b>Heater will not ignite but motor runs for a short period of time.(Indicator Lamp is flickering and room temp.display indicates " E1 ")</b></p>	<ol style="list-style-type: none"> <li>No fuel in tank.</li> <li>Wrong pump pressure.</li> <li>Carbon deposits on spark plug and/or improper gap.</li> <li>Dirty fuel filter.</li> <li>Dirt in Nozzle.</li> <li>Water in fuel tank.</li> <li>Bad electrical connection between ignitor and MAIN PCB assembly.</li> <li>Ignitor wire is not attached to spark plug.</li> </ol>	<ol style="list-style-type: none"> <li>Fill tank with kerosene.</li> <li>See Pump Pressure Adjustment, Page 13.</li> <li>See Spark Plug,Page 12.</li> <li>See Fuel Filter,Page 13.</li> <li>See Nozzle,Page 11.</li> <li>Flush fuel tank with clean kerosene, Page 9.</li> <li>Check electrical components See wiring diagram, Page 16.</li> <li>Attach ignitor wire to spark plug. See Spark Plug, Page 12.</li> </ol>
<p><b>Fan does not turn when heater is plugged in and power switch was in the " ON " Position. (Indicator Lamp is on or flickering)</b></p>	<ol style="list-style-type: none"> <li>Thermostat setting is too low.</li> <li>Bad electrical connection between motor and MAIN PCB assembly.</li> </ol>	<ol style="list-style-type: none"> <li>Turn thermostat control knob to a higher setting.</li> <li>Check electrical connections, See Wiring Diagram, Page 16.</li> </ol>
<p><b>(Indicator Lamp is flickering and room temp. display indicates "E2")</b></p> <p><b>(Indicator Lamp is flickering and room temp. display indicates "E3")</b></p>	<ol style="list-style-type: none"> <li>Room Temp. sensor disconnected.</li> <li>Sensor Failure.</li> <li>Thermostat switch failure.</li> </ol>	<ol style="list-style-type: none"> <li>Reconnect sensor. See Wiring diagram, Page 16.</li> <li>Replace sensor. See Wiring diagram, Page 16.</li> <li>Replace switch. See Wiring diagram, Page 16.</li> </ol>
<p><b>Heater will not turn-on (Indicator Lamp is off)</b></p>	<ol style="list-style-type: none"> <li>Temperature limit safety device is overheated.</li> <li>No electrical power</li> <li>Blown fuse.</li> <li>Bad electrical connection between temperature limit safety device and PCB board.</li> </ol>	<ol style="list-style-type: none"> <li>Turn power switch to "OFF" and allow to cool(about 10 min.)</li> <li>Check to insure heater cord and extension cord are plugged in. Check power supply.</li> <li>Replace safety fuse in PCB board.</li> <li>Check electrical connections See Wiring Diagram, Page 16.</li> </ol>



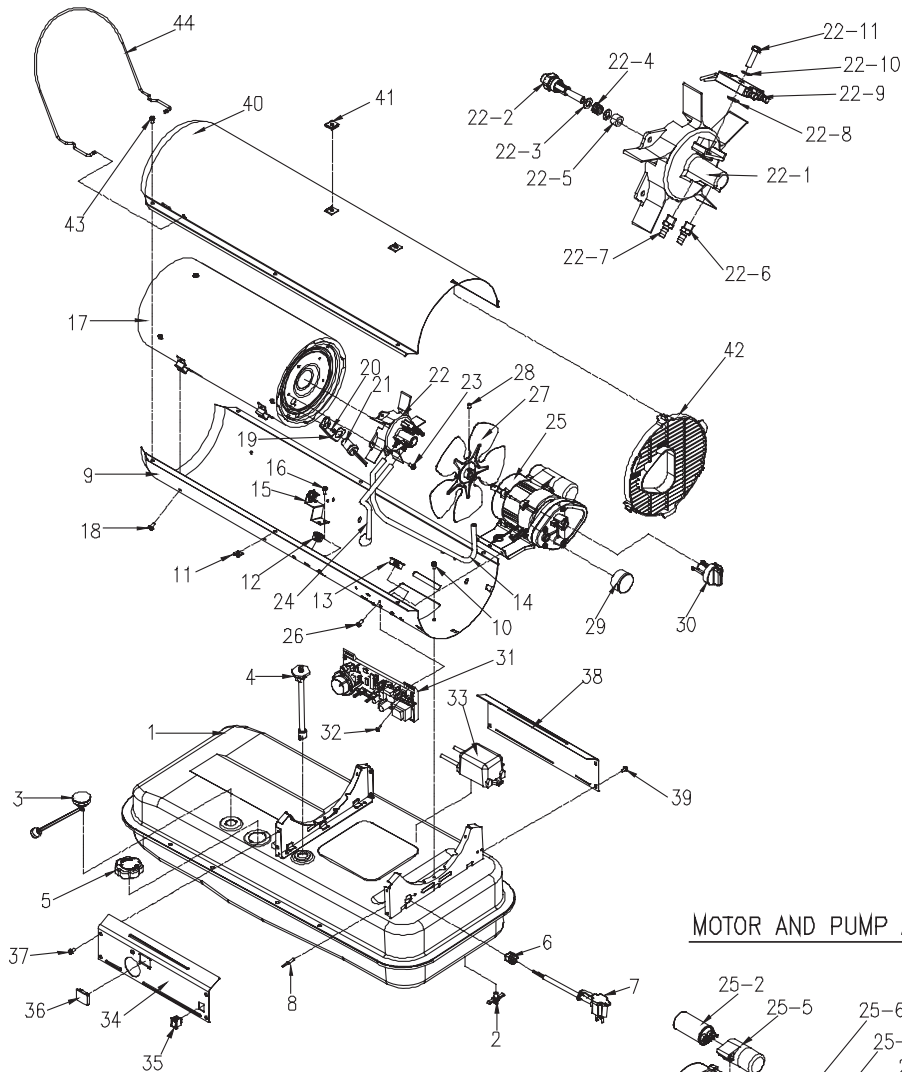


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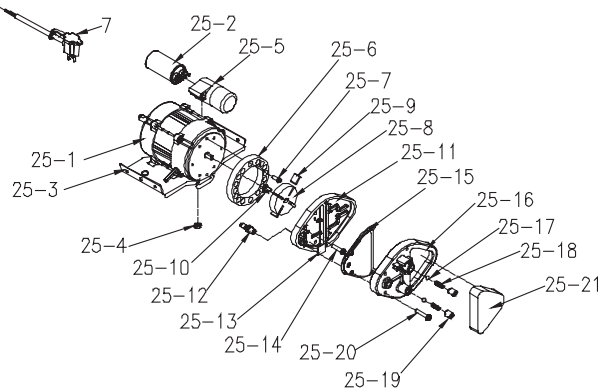
### 14. EXPLODED PARTS DRAWING (RMC-KFA75TL/125TL Models Only)

NOTE : SPECIFY MODEL NUMBER AND PART NUMBER WHEN ORDERING PARTS.

#### BURNER HEAD ASSEMBLY



#### MOTOR AND PUMP ASSEMBLY





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**15. PARTS LIST (RMC-KFA75TL/125TL Models Only)**

KEY NO.	DESCRIPTION	PART NO.		Quantity
		RMC-KFA75TL	RMC-KFA125TL	
1	Fuel Tank Assembly	2151-0007-00	2151-0008-00	1
2	Drain-Plug	-	3331-0051-00	1
3	Fuel Gauge	2156-0005-00	2156-0001-00	1
4	Fuel Filter Assembly	2155-0005-00	2155-0001-00	1
5	Fuel Cap	2151-0003-00	2151-0003-00	1
6	Cord Bushing	3712-0013-00	3712-0013-00	1
7	Power Cord	3980-0177-00	3980-0177-00	1
8	Thermostat	38C0-0054-00	38C0-0054-00	1
9	Shell Lower	3111-0209-06	3111-0210-06	1
10	Flange Screw	4319-0015-00	4319-0015-00	6
11	Clip Nut	3131-0182-00	3131-0182-00	6
12	Bushing-Grommet(S)	3231-0120-00	3231-0120-00	1
13	Bushing-Grommet(L)	3231-0121-00	3231-0121-00	1
14	Air-Line	3341-0007-00	3341-0002-00	1
15	Temperature Limit Assembly	2153-0003-00	2153-0001-00	1
16	Flange-Screw	4319-0015-00	4319-0015-00	2
17	Chamber Assembly	2152-0043-00	2152-0046-00	1
18	Flange Screw	4319-0015-00	4319-0015-00	4
19	Bracket Photocell	3131-0159-00	3131-0159-00	1
20	Screw-BH1	4311-0068-00	4311-0068-00	2
21	Photocell Assembly	*SP-KFA1007	*SP-KFA1007	1
22	Burner Head Assembly	2152-0016-00	2152-0006-00	1
22-1	Burner Head	3531-0015-00	3531-0007-00	1
22-2	Nozzle	*SP-KFA1027	*SP-KFA1003	1
22-3	Washer-Nozzle Seal	4349-0016-00	4349-0016-00	2
22-4	Spring-Nozzle Seal	3431-0010-00	3431-0010-00	1
22-5	O-Ring	3311-0002-00	3311-0002-00	1
22-6	Nipple	3541-0039-00	3541-0020-00	1
22-7	Nipple	3541-0020-00	3541-0020-00	1
22-8	Washer-Fiber	4349-0017-00	4349-0017-00	1
22-9	Spark Plug	*SP-KFA1008	*SP-KFA1009	1
22-10	Washer-Spring	4342-0009-00	4342-0009-00	1
22-11	Bolt-Flange	4329-0013-00	4329-0013-00	1
23	Flange Screw	4319-0015-00	4319-0015-00	3
24	Fuel Line	3341-0009-00	3341-0008-00	1
25	Motor and Pump Assembly	2154-0062-00	2154-0063-00	1
25-1	Motor	3970-0034-00	3970-0029-00	1
25-2	Capacitor	3820-0142-00	3820-0143-00	1
25-3	Motor Support	3121-0189-00	3121-0105-00	1
25-4	Nut-Hex	4331-0013-00	4331-0013-00	2
25-5	Capacitor Holder	-	3231-0152-00	1

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**15. PARTS LIST (RMC-KFA75TL/125TL Models Only)**

KEY NO.	DESCRIPTION	PART NO.		Quantity
		RMC-KFA75TL	RMC-KFA125TL	
25-6	Pump Body	3541-0022-00	3541-0022-00	1
25-7	Bolt-BH Special	4321-0198-00	4321-0198-00	2
25-8	Rotor	*SP-KFA1000	*SP-KFA1000	1
25-9	Blade	See SP-KFA1000	See SP-KFA1000	4
25-10	Insert	See SP-KFA1000	See SP-KFA1000	1
25-11	End Pump Cover	3531-0008-00	3531-0008-00	1
25-12	Nipple	3231-0151-00	3231-0151-00	1
25-13	Lint Filter	*SP-KFA1005	*SP-KFA1005	1
25-14	Bolt Flange	4329-0016-00	4329-0016-00	6
25-15	Output Filter	See SP-KFA1005	See SP-KFA1005	1
25-16	End Filter Cover	3221-0073-00	3221-0073-00	1
25-17	Ball	*SP-KFA1010	*SP-KFA1010	2
25-18	Spring	See SP-KFA1010	See SP-KFA1010	2
25-19	Adjusting Screw	See SP-KFA1010	See SP-KFA1010	2
25-20	Bolt Flange	4329-0016-00	4329-0016-00	4
25-21	Intake Filter	See SP-KFA1005	See SP-KFA1005	1
26	Flange Screw	4319-0015-00	4319-0015-00	4
27	Fan Assembly	2154-0009-00	2154-0004-00	1
28	Bolt Headless Hex Socket	4323-0004-00	4323-0004-00	1
29	Pressure Gauge	3740-0049-00	3740-0049-00	1
30	BTU Control Valve	2154-0061-00	2154-0061-00	1
31	Main P.C.B Assembly	215A-0026-00	215A-0023-00	1
32	Screw-TH2S	4312-0046-00	4312-0046-00	2
33	Ignitor	39E0-0008-00	39E0-0005-00	1
34	Side Cover-Right	3121-0324-12	3121-0328-04	1
35	Power Switch	39A0-0044-00	39A0-0044-00	1
36	Window Display	-	3231-0113-00	1
37	Flange Screw	4319-0015-00	4319-0015-00	4
38	Side Cover-Left	3121-0350-00	3121-0352-00	1
39	Flange Screw	4319-0015-00	4319-0015-00	4
40	Shell Upper	3111-0213-06	3111-0214-06	1
41	Clip Nut	3131-0182-00	-	2
42	Fan Guard	3221-0074-00	3221-0075-00	1
43	Flange Screw	4319-0015-00	4319-0015-00	6
44	Front Guard	3561-0066-00	-	1

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**15. PARTS LIST (RMC-KFA210TL Model Only)**

KEY NO.	DESCRIPTION	PART NO.	Quantity
		RMC-KFA210TL	
1	Fuel Tank Assmby	2151-0009-00	1
2	Drain-Plug	3331-0051-00	1
3	Fuel Gauge	2156-0001-00	1
4	Fuel Filter Assmby	2155-0001-00	1
5	Fuel Cap	2151-0003-00	1
6	Cord Bushing	3712-0013-00	1
7	Power Cord	3980-0087-00	1
8	Thermistor	38C0-0054-00	1
9	Shell Lower	3111-0212-04	1
10	Flange Screw	4319-0015-00	6
11	Clip Nut	3131-0182-00	6
12	Bushing-Grommet(S)	3231-0120-00	1
13	Bushing-Grommet(L)	3231-0121-00	1
14	Air-Line	3341-0010-00	1
15	Temperature Limit Assembly	2153-0005-00	1
16	Flange-Screw	4319-0015-00	2
17	Chamber Assembly	2152-0041-00	1
18	Flange Screw	4319-0015-00	4
19	Bracket Photocell	3131-0159-00	1
20	Screw-BH1	4311-0068-00	2
21	Photocell Assembly	*SP-KFA1007	1
22	Burner Head Assembly	2152-0031-00	1
22-1	Bracket Burner	3121-0256-00	1
22-2	Nozzle	*SP-KFA1011	1
22-3	Washer-Nozzle Seal	4349-0016-00	1
22-4	Spring-Nozzle Seal	3431-0010-00	1
22-5	O-Ring	3311-0002-00	1
22-6	Adaptor Nozzle	3131-0287-00	1
22-7	Nipple	3541-0020-00	2
22-8	Ring Retaining	4346-0027-00	1
22-9	Bracket Spark	3131-0286-00	1
22-10	Washer-Fiber	4349-0017-00	1
22-11	Spark Plug	*SP-KFA1021	1
22-12	Washer-Spring	4342-0009-00	1
22-13	Bolt-Flange	4329-0013-00	1
23	Flange Screw	4319-0015-00	4
24	Fuel Line	3341-0019-00	1
25	Motor and Pump Assembly	2154-0064-00	1
25-1	Motor	3970-0060-00	1
25-2	Capacitor	3820-0143-00	1
25-3	Supportor Motor	3121-0258-00	1
25-4	Nut-Hex	4331-0013-00	2
25-5	Holder Capacitor	3231-0152-00	1

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**15. PARTS LIST (RMC-KFA210TL Model Only)**

KEY NO.	DESCRIPTION	PART NO.	Quantity
		RMC-KFA210TL	
25-6	Pump Body	3541-0050-00	1
25-7	Bolt-BH Special	4321-0198-00	2
25-8	Rotor	*SP-KFA1022	1
25-9	Blade	See SP-KFA1022	4
25-10	Insert	See SP-KFA1022	1
25-11	End Pump Cover	3531-0008-00	1
25-12	Elbow	3231-0093-00	1
25-13	Lint Filter	*SP-KFA1005	1
25-14	Bolt Flange	4329-0016-00	6
25-15	Output Filter	See SP-KFA1005	1
25-16	End Filter Cover	3221-0073-00	1
25-17	Ball	*SP-KFA1010	2
25-18	Spring	See SP-KFA1010	2
25-19	Adjusting Screw	See SP-KFA1010	2
25-20	Bolt Flange	4329-0016-00	4
25-21	Intake Filter	See SP-KFA1005	1
26	Flange Screw	4319-0015-00	4
27	Fan Assembly	2154-0007-00	1
28	Bolt Headless Hex Socket	4323-0004-00	1
29	Pressure Gauge	3740-0049-00	1
30	BTU Control Valve	2154-0061-00	1
31	Main P.C.B Assembly	215A-0023-00	1
32	Screw-TH2S	4312-0046-00	2
33	Ignitor	39E0-0014-00	1
34	Side Cover-Right	3121-0330-08	1
35	Power Switch	39A0-0044-00	1
36	Window Display	3231-0113-00	1
37	Flange Screw	4319-0015-00	4
38	Side Cover-Left	3121-0329-00	1
39	Electric Outlet Assembly	39D0-0263-00	1
40	Cover Outlet	3231-0114-00	1
41	Screw-Top Table	4319-0042-00	1
42	Flange Screw	4319-0015-00	4
43	Shell Upper	3111-0215-07	1
44	Fan Guard	3561-0075-00	1
45	Bushing Fan Guard	3351-0010-00	3
46	Flange Screw	4319-0015-00	6

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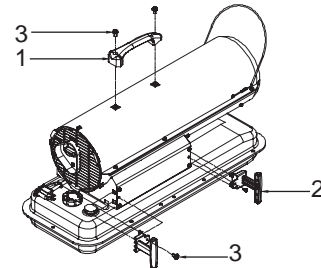
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**15. PARTS LIST (WHEELS AND HANDLE)**

**1) RMC-KFA75TL MODEL**

KEY NO.	DESCRIPTION	PART NO.	Quantity
		<b>RMC-KFA75TL</b>	
1	Handle	3231-0073-00	1
2	Cord Wrap	3221-0041-00	2
3	Hardware Kit	HW-KFA1001	1



**2) RMC-KFA125TL/210TL MODELS**

KEY NO.	DESCRIPTION	PART NO.		Quantity
		<b>RMC-KFA125TL</b>	<b>RMC-KFA210TL</b>	
1	Front Handle	3551-0023-00	3551-0022-00	1
2	Rear Handle	3551-0033-00	3551-0034-00	1
3	Wheel Support Frame	3551-0024-00	3551-0025-00	1
4	Wheel	3720-0007-00	3720-0007-00	2
5	Axle	3551-0066-00	3551-0067-00	1
6	Cord Wrap	3551-0042-00	3551-0042-00	2
7	Hardware Kit	HW-KFA1013	HW-KFA1013	1
7-1	Screw(S)	-	-	2
7-2	Screw(L)	-	-	6
7-3	Flange Screw	-	-	4
7-4	Nut	-	-	12
7-5	Bushing	-	-	2
7-6	Cap Nut	-	-	2

