

#### **USER'S MANUAL AND OPERATING INSTRUCTIONS**

Dyna-Glo™DELUX RMC-FA40DGD (40,000 BTU/HR, FORCED - AIR) (30,000/50,000 BTU/HR, RMC-FA50DGD FORCED - AIR) MODELS:

RMC-FA60DGD (30,000/60,000 BTU/HR, FORCED - AIR) RMC-FA100DGD (70.000/100,000 BTU/HR, FORCED - AIR)

RMC-FA125DGD/LPFA125DGD (70,000/125,000 BTU/HR, FORCED - AIR)

RMC-FA150DGD (120,000/150,000 BTU/HR, FORCED - AIR)

RMC-FA40/DGP/DGP-01 (40,000 BTU/HR, FORCED - AIR) Dyna-Glo™Pro FORCED - AIR) RMC-FA50/DGP/DGP-01 (30,000/50,000 BTU/HR, MODELS: (30,000/60,000 BTU/HR, RMC-FA60/DGP/DGP-01 FORCED - AIR)

(70.000/100,000 BTU/HR, RMC-FA100/DGP/DGP-01 FORCED - AIR) RMC-FA125/DGP/DGP-01 (70,000/125,000 BTU/HR, FORCED - AIR) LPFA125H/LPFA125H-01

RMC-FA150/DGP/DGP-01 (120,000/150,000 BTU/HR, FORCED - AIR)



US ANS Z83.7-2011 CSA 2.14-2011

Adequate ventilation must be provided.



GHP Group, Inc. 6440 W Howard St Niles, IL 60714-3302









LPFA125H/H-01



#### GENERAL HAZARD WARNING

FAILURE TO COMPLY WITH THE PRECAUTIONS AND INSTRUCTIONS PROVIDED WITH THIS HEATER. CAN RESULT IN DEATH, SERIOUS BODILY INJURY AND PROPERTY LOSS. OR DAMAGE FROM THE HAZARDS OF FIRE, EXPLOSION, BURN. ASPHYXIATION, CARBON MONOXIDE POISONING, AND/OR ELECTRICAL SHOCK.

ONLY PERSONS WHO CAN UNDERSTAND AND FOLLOW THE INSTRUCTIONS SHOULD USE OR SERVICE THIS HEATER.

IF YOU NEED ASSISTANCE OR HEATER INFORMATION SUCH AS AN INSTRUCTION MANUAL, LABELS, ETCETERA, CONTACT THE MANUFACTURER.

#### **CONSUMER:** Retain this manual for future reference.

Questions, problems, missing parts? Before returning to your retailer, call our customer service department at 877-447-4768 8:30 a.m. - 4:30 pm CST. Monday - Friday or email us at customerservice@ghpgroupinc.com www.ghpgroupinc.com Printed in China



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PROPANE CONSTRUCTION HEATER ILLUSTRATED / PARTS BREAKDOWN:		
RMC-FA40, 50 & 60 SERIES		
RMC-FA100DGD, RMC-FA125DGD, LPFA125H & RMC-FA150DGD		
RMC-FA100DGP/DGP-01, RMC-FA125DGP/DGP-01 & LPFA125DGD		
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WARNING: FIRE, BURN, INHALATION, AND EXPLOSION HAZARD, KEEP SOLID COMBUSTIBLES, SUCH AS BUILDING MATERIALS, PAPER OR CARDBOARD, A SAFE DISTANCE AWAY FROM THE HEATER AS RECOMMENDED BY THE INSTRUCTIONS.

NEVER USE THE HEATER IN SPACES WHICH DO OR MAY CONTAIN VOLATILE OR AIRBORNE COMBUSTIBLES, OR PRODUCTS SUCH AS GASOLINE, SOLVENTS, PAINT THINNERS, DUST PARTICLES OR UNKNOWN CHEMICALS.

**CALIFORNIA PROPOSITION 65:** Fuels used in gas or oil fired appliances and the products of combustion of such fuels, contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. This product contains chemicals, including lead and lead compounds, known to the State of California to cause cancer, birth defects or other reproductive harm. **Wash hands after handling.** 

WARNING: Using this heater in a residential garage requires that the heater is positioned so that it is protected against any possible damage by a moving vehicle, etc. It must be positioned so that the base of the heater is no less than 18 in (450 mm) above the garage floor or 8 ft (2450 mm) in repair garages. The heater must be placed on a stable surface. Do not place it on a chair, ladder, etc. Raising the heater will reduce BUT NOT eliminate the possibility of lighting the vapor of any flammable liquids which may be improperly stored or accidentally spilled. If the smell of gasoline is present, DO NOT operate this heater until the area has been properly ventilated.

WARNING: CONSTRUCTION HEATERS ARE NOT FOR USE IN GARAGES IN CANADA.

A WARNING: NOT FOR HOME OR RECREATIONAL VEHICLE USE.



#### DYNA-GLO PROPANE FORCED AIR CONSTRUCTION HEATERS

The heater is designed and approved for use as a construction heater under ANS Z83.7 CSA 2.14. It is hard to anticipate every use which may be made of this heater. CHECK WITH YOUR LOCAL FIRE SAFETY AUTHORITY IF YOU HAVE QUESTIONS ABOUT APPLICATIONS.

Other standards govern the use of fuel gases and heat producing products in specific applications. Your local authority can advise you about these.

**IMPORTANT:** READ THIS USER'S MANUAL CAREFULLY AND COMPLETELY BEFORE TRYING TO OPERATE OR SERVICE THIS HEATER. IMPROPER USE OF THIS HEATER CAN CAUSE SERIOUS INJURY OR DEATH FROM FIRE, EXPLOSION AND CARBON MONOXIDE POISONING.

This is a direct-fired forced air construction heater for either indoor construction or outdoor use. Its intended use is primarily the temporary heating of buildings or structures under construction, alteration or repair. All the products of combustion generated by the heater are forced through the heater and released into the area being heated. This heater operates at approximately 98%+ combustion efficiency but still produces a small amount of carbon monoxide. Humans can tolerate small amounts of carbon monoxide for short periods. Carbon monoxide can build up in a heated space and failure to provide adequate ventilation could result in poisoning or death.

# WARNING: NOT FOR USE WITH DUCT WORK. SPECIFICATIONS

Mod	el No.	RMC-FA40DGP/ DGP-01	FA50 Series	FA60 Series	RMC-FA100DGD/ DGP/DGP-01	LPFA125DGD/ RMC-FA125DGP/ DGP-01	LPFA125H/H-01/ RMC-FA125DGD	RMC-FA150DGD
Input	Rating	40,000 BTU/hr	30,000 BTU/hr 50,000 BTU/hr	30,000 BTU/hr 60,000 BTU/hr	70,000 BTU/hr 100,000 BTU/hr	70,000 BTU/hr 125,000 BTU/hr	70,000 BTU/hr 125,000 BTU/hr	120,000 BTU/hr 150,000 BTU/hr
Туре	of Gas	Propane	Propane	Propane	Propane	Propane	Propane	Propane
	Pressure to Maximum	Cylinder Pressure	Cylinder Pressure	Cylinder Pressure	Cylinder Pressure	Cylinder Pressure Cylinder Pressure		Cylinder Pressure
	or purpose of justment)	5psig	5psig	5psig	5psig 5psig		5psig	5psig
Manifold	l Pressure	11" W.C	11" W.C	11" W.C	11" W.C	11" W.C	11" W.C	11" W.C
Gas Cons	sumption	1.9lbs/hr 0.86 kg/hr	1.4lbs/hr 0.63 kg/hr 2.3lbs/hr 1.04 kg/hr	1.4lbs/hr 0.63 kg/hr 2.8lbs/hr 1.27 kg/hr	3.3lbs/hr 1.5 kg/hr 4.6lbs/hr 2.09 kg/hr	3.3lbs/hr 1.5 kg/hr 5.8lbs/hr 2.63 kg/hr	3.3lbs/hr 1.5 kg/hr 5.8lbs/hr 2.63 kg/hr	5.6lbs/hr 2.54 kg/hr 7.0lbs/hr 3,18 kg/hr
Electric	cal Input	120V, 60Hz, 1Ø	120V, 60Hz, 1Ø	120V, 60Hz, 1Ø	120V, 60Hz, 1Ø	120V, 60Hz, 1Ø	120V, 60Hz, 1Ø	120V, 60Hz, 1Ø
Amperage	Load	0.68amps	0.65amps	0.65amps	0.7amps	0.7amps	0.7amps	0.7amps
Fan	Unload Load	3550rpm 3000rpm	3570rpm 3300rpm	3570rpm 3300rpm	3580rpm 3300rpm	3580rpm 3300rpm	3580rpm 3300rpm	3580rpm 3300rpm
Igni	ition	Piezo/Manual Spark	Continuous Spark	Continuous Spark	Continuous Spark	Continuous Spark	Continuous Spark	Continuous Spark
Spar	k Gap	0.16" (4mm)	0.16" (4mm)	0.16" (4mm)	0.16" (4mm)	0.16" (4mm)	0.16" (4mm)	0.11" (2.8mm)
Size (L	.xWxH)	19.3"x8.3"x15.2" (49.0x21.1x38.6)cm	19.3"x8.3"x15.2" (49.0x21.1x38.6)cm	19.3"x8.3"x15.2" (49.0x21.1x38.6)cm	25.6"x12.7"x15.6" (65.0x32.3x39.6)cm 25.6"x11.8"x16.1" (65.0x30.0x40.9)cm	26.6"x13.0"x17.3" (67.6x33.0x43.9)cm 25.6"x11.8"x16.1" (65.0x30.0x40.9)cm	26.2"x11.8"x17.2" (66.6x30.0x43.6)cm 25.6"x11.8"x16.1" (65.0x30.0x41.0)cm	25.6"x11.8"x16.1" (65.0x30.0x40.9)cm



#### **GENERAL SAFETY INSTRUCTION**

Accidents are always tragic especially because so many of them could have been prevented with little care and judgment. There are some basic good practices, we hope you will follow for safe use of your heater.

#### IMPORTANT SAFETY INSTRUCTION

- Children should be carefully supervised, when they are in the area.
- Always maintain proper clearance from combustible materials. Minimum clearance from combustibles: Side 24" (61 cm); Top 36" (92 cm); Front 72" (183 cm). Floor combustible. Not for use on finished floors.
- Heater must be placed on level and stable surface.
- Never place anything including clothes or other flammable items on the heater.
- The appliance area shall be kept clear and free from combustible materials, gasoline and other flammable vapours and liquids.
- Do not modify or operate a heater which has been modified.
- Adequate clearance for accessibility and for combustion & ventilation air supply must be maintained at all times when the heater is operating.
- Service and repair should be done by a qualified service person. The heater should be inspected before each use and at least annually by a qualified person. More frequent cleaning may be required as necessary. Do not service while hot or operating.
- Never connect heater to an unregulated gas supply.
- The heater is shipped from the factory for LP(Propane) gas. This heater is for use with propane gas only, do not convert heater to any other gas. Installation must conform to local codes or, in the absence of local codes, with the standard for the Storage and Handling of Liquefied Petroleum Gases ANSI/NFPA 58 and the Natural Gas and Propane Installation Code CSA B149.1
- The minimum and maximum inlet pressures to the regulator from the gas tank are 5 psi and bottle pressure, respectively. Use only the regulator & hose assembly provided with the heater. Inspect the regulator/hose assembly prior to each use of the heater. If there is excessive abrasion or wear, or hose is cut, replace with regulator/hose assembly listed on the parts list prior to using this heater.
- Gas supply connections should be checked using a 50/50 solution of liquid dish soap and never use a flame to check for gas leaks.
- The electrical connection & grounding must comply with National Electrical Code. ANSI/NFPA 70 or in Canada CSA C22.1, Canadian Electrical Code, Part 1. Use only a properly grounded three (3) prong receptacle.
- Do not restrict inlet or outlet by any means. The flow of combustion and ventilation air is not to be obstructed.
- This heater should not be directed toward any propane-gas container within 20 ft (6M). The heater must be located at least 6 ft. (1.83 m) in the U.S.; or (ii) 10 ft. (3 m) in Canada, from any propane gas container.
- The propane cylinder supply system must be arranged to provide for vapour withdrawal from the operating cylinder.
- This heater is not to be used with external thermostats, timers or other devices that control or alter electrical supply to the heater.

**WARNING:** Motor and fan must be running before lighting, during operation and at shutdown, in order to prevent a flame-out condition which could result in personal injury or property damage.

#### **PRODUCT FEATURES**

- Portable & Stable
- Wind Resistant & Rain Protected
- Continuous Spark Ignition or Piezo Electric Spark Ignition
- 100% Safety Shutoff System
- Continuous Adjustable Input Ratings (Except FA40)



#### UNPACKING HEATER

- 1. Remove heater from carton.
- 2. Remove all protective packing applied to heater for shipment.
- 3. Retain cartons and packaging material until unit is operated and found in good condition.
- 4. Check heater for any shipping damage. If heater shows any external or internal damage, promptly inform dealer/distributor where you purchased heater.

#### **Assembly Components and Instructions for Steel Base Units:**

Tools required for assembly: All Models: Adjustable Wrench FA100 - FA150: Phillips Head

Screw Driver

**Contents:** 

All Models: Unit, Manual, Hose and Regulator

Assembly

FA100 - FA150 Series Includes:

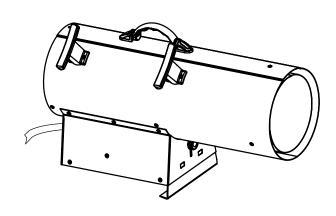
2 Cord Wrap Attachments, 4 Screws (ST3.5x10)

1. Assembling the Cord Wrap Attachments: (FA100 - FA150 Series Only)

#### Parts Required:

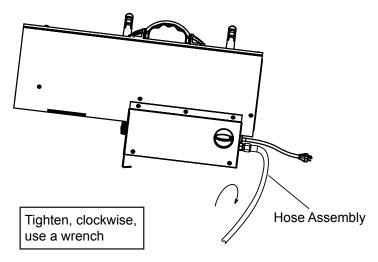
4 Screws (ST3.5x10), and 2 Cord Wrap Attachments

Place the cord wrap attachment as shown, then use Phillips screwdriver to tighten the screws and secure the cord wrap attachments.



# 2. Regulator and Hose Connection: (All Models)

See figure on right.
Connect the hose tightly to the heater using a wrench.
Please also refer to page 8 in the manual.



**Assembly Time:** 

5 Minutes

#### **Assembly Components and Instructions for Plastic Base Units:**



Tools required for assembly: All Models: Adjustable Wrench FA125 Series: Phillips Head

Screw Driver

Contents:

**All Models:** Unit, Manual, Hose and Regulator Assembly, Adjustable Leg, 2 Height Control Screws

**FA125 Series Includes:** 

2 Cord Wrap Attachments, 4 Screws (ST3.5x10)

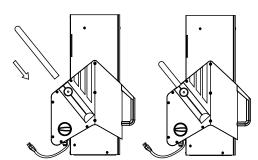
**Assembly Time:** 

5 Minutes

1. Assemble the Leg:

Parts Required: Adjustable Leg

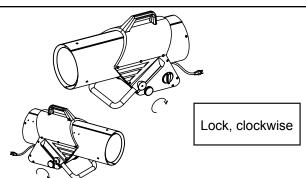
Place the heater as shown, insert the leg into holes of the base, then adjust to the desired height.



#### 2. Assemble the Height Control Screw:

Parts Required: Height Control Screw 2 pcs

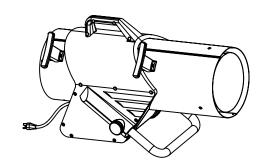
Turn the Height Control Screw clockwise to lock it. Turn the Height Control Screw counterclockwise to unlock it.



#### 3. Assembling the Cord Wrap Attachments:

**Parts Required:** 4 Screws (ST3.5X10) and 2 Cord Wrap Attachments

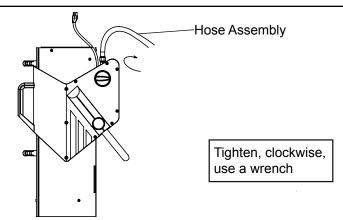
Place the cord wrap attachments as shown, then use Phillips screwdriver to tighten the screws and secure the cord wrap attachments.



#### 4. Regulator and Hose Connection:

See figure on right.

Connect the hose tightly to the heater using a wrench. Please also refer to page 8 in the manual.





#### INFORMATION ON SIZE \* CAPACITY OF PROPANE GAS CYLINDERS:

The chart below shows the number and size of propane tanks needed to run this heater.

\*Less gas is vaporized at lower temperatures.

You may need two or more 100 pound (45 kg) tanks or one larger tank in colder weather. (See the parts list for your model of heater to get the specified regulator assembly.)

Temperature	Number of Tanks				
(°F-°C) at tank	40,000-60,000 BTU/h	100,000 - 125,000 BTU/h	150,000 BTU/h		
Above 32°F (0°C)	1 - 20lb (9kg)	2 - 100lb (45kg)	2 - 100lb (45kg)		
32°F (0°C)	1 - 20lb (9kg)	2 - 100lb (45kg)	2 - 100lb (45kg)		
20°F (-7°C)	1 - 20lb (9kg)	2 - 100lb (45kg)	3 - 100lb (45kg)		
10°F (-12°C)	1 - 20lb (9kg)	3 - 100lb (45kg)	3 - 100lb (45kg)		
-10°F (-23°C)	2 - 20lb (9kg)	Use Larger Tank	Use Larger Tank		
-20°F (-29°C)	1 - 100lb (45kg)	Use Larger Tank	Use Larger Tank		

#### The propane (LP) gas tank must also be equipped with the following:

- A collar to protect the Propane gas valve.
- A shutoff valve terminating a Propane gas cylinder valve outlet as specified in the American National Standards for Compressed Gas Cylinder Valve Outlets and Inlet Connections.
- A safety relief valve having direct communications with the vapor space of the tank.
- An arrangement of vapor withdrawal.

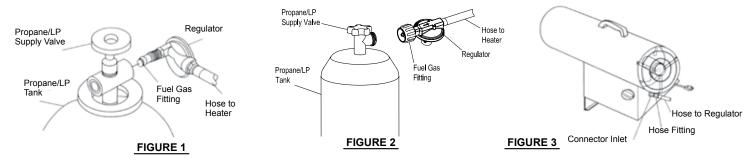
# The propane (LP) gas pressure regulator and hose assembly supplied with this heater must be used without alteration.

The hose assembly shall be visually inspected prior to each use of the heater. If it is evident that there is excessive abrasion or wear, or the hose is cut, it must be replaced prior to the heater being put into operation. The replacement hose assembly shall be that specified by the manufacturer.



#### INSTALLATION TO THE PROPANE GAS TANK

**IMPORTANT:** You must use a propane/LP gas supply cylinder that is compatible with the connection device provided with the hose and regulator.



- 1. Provide propane/LP supply system. Ensure that the valve on the cylinder is fully closed by turning the knob fully clockwise (\( \sigma \)). Ensure that the cylinder is fully upright for vapor withdrawl. (see size/capacity, page 7).
- 2. Connect hose to heater inlet. Tighten firmly using a wrench. You must use the regulator supplied with heater.
- 3. Connect fuel gas fitting hose/regulator assembly to propane LP tank(s).
  - 3a. For units with a POL fitting (see figure 1) turn fuel fitting counterclockwise into threads on tank. Tighten firmly using a wrench. Some models have a hand wheel that can be used to tighten the fitting. This hand wheel can be slid off of the nut so that a wrench can also be used to tighten the fitting. IMPORTANT: Position regulator so that hose leaving the regulator is in a horizontal position.
  - 3b. For units with a QCC fitting (see figure 2) turn QCC gas fitting clockwise onto threads on tank. Tighten firmly using your hand (DO NOT USE A WRENCH). IMPORTANT: Position regulator so that the regulator vent is pointing down toward the floor and the arrow on the regulator is visible.
- 4. Open propane/LP supply valve on propane/LP tank(s) slowly. NOTE: If not opened slowly, excess flow device in regulator may stop gas flow. If this happens, close propane/LP supply valve, wait one minute (or until you hear a click) and open again slowly.
- 5. Check all connections for leaks. Apply a 50/50 solution of liquid dish soap and water to gas joints. Bubbles forming show a leak that must be corrected.
- 6. Close propane / LP supply valve before attempting to repair connection.

**WARNING:** Purging and filling of LP gas tanks must be performed by personnel who has been thoroughly trained in accepted LP gas industry procedures. Failure to follow these instructions may result in explosion, fire, severe personal injury, or death.

#### REFILLING THE PROPANE GAS TANK

#### ALL NEW CYLINDERS MUST BE PURGED BEFORE THE FIRST FILLING.

- Turn heater gas valve knob and gas tank valve to OFF position.
- Propane tank valve equipped with the old style fitting has LEFT HANDED THREADS. Turn POL fitting CLOCKWISE to loosen. Protect POL fitting when disconnected from tank.
- Have tank filled by your local Propane gas supplier.
- Fasten full Propane tank and connect POL fitting to tank valve by turning COUNTERCLOCKWISE.
- With heater gas valve knob still in the OFF position, turn ON tank valve and check for leaks with soap solution.



#### **PROPANE SAFETY**

Propane is safe to use when properly handled. Careless handling of the Propane gas tank could result in fire and/or an explosion. Therefore:

- Always keep tank/cylinder securely fastened in an upright position.
- Avoid tipping tank on its side when connected to a regulator since this may cause damage to diaphragm in regulator.
- Handle valves with care.
- Never connect an unregulated Propane tank to construction heater.
- Do not subject Propane tank to excessive heat.
- Tightly close the gas shutoff valve on the Propane tank after each use.
- The POL fitting must be protected when disconnected from the propane tank.
- Never store a Propane gas tank inside a building or in the vicinity of any gas burning appliance.

THE DISCONNECTED TANK MUST NEVER BE STORED IN A BUILDING, GARAGE OR ANY OTHER ENCLOSED AREA.

#### **LEAK CHECKING**

Check all gas connections with a soap solution to be sure they are tight and leak proof.

- The installation of your heater must meet all local codes and/or gas utility requirements or, in the absence of local codes, with the Storage and Handling of Liquefied Petroleum Gases, ANSI/ NFPA 58 and the Natural and Propane Installation Code, CSA B149.1.
- The minimum clearances to combustible construction: Side 24" (61 cm); Top 36" (92 cm); Front 72" (183 cm); Floor combustible, must be maintained at all times.
- The hose assembly should be visually inspected prior to each use of the heater. If it is evident that there is excessive abrasion or wear, or the hose is cut, it must be replaced prior to the heater being put into operation.
- The replacement hose assembly shall be that specified by the manufacturer (Refer to parts list).

#### **LIGHTING INSTRUCTIONS**

WARNING: Motor and fan must be running before lighting, during operation and shutdown, in order to prevent a flame-out condition which could result in personal injury or property damage.

NOTE: This heater uses a continuous spark ignition system. This unit will continue to make a clicking/ticking sound at all times before ignition, after ignition and during operation, regardless of valve knob positioning.

- 1. Connect power cord to a properly grounded three (3) prong 120V, 60Hz, single phase receptacle.
- 2. Turn gas valve knob clockwise \( \to \) to OFF \( \cap \) position.
- 3. Wait five (5) minutes to clear any gas. Then smell for gas, if you don't smell gas, go to next step.
- 4. Turn gas supply ON by turning Propane tank valve counterclockwise ......
- 6. Keep the valve knob depressed for at least 30 seconds after lighting the burner. After 30 seconds release valve knob.
- 7. If burner does not stay lit, repeat the lighting procedure.
- 8. When burner is lit, turn gas valve knob counterclockwise 
  to desired setting. (All models, except FA40 series).



#### SHUTDOWN INSTRUCTIONS

Turn gas supply OFF by turning Propane tank valve clockwise to close.

Disconnect the power cord once the heater has cooled to ambient temperature.

#### **TEST FIRING HEATER**

Test fire your construction heater, following the lighting instructions applicable to the gas control system employed. Leak test all gas connections with soap solution. Soap bubbles indicate gas leakage. DO NOT use a match or flame to test for gas leaks.

#### STORAGE

Never store a Propane gas tank inside a building or in the vicinity of any gas or oil burning appliance. When the Propane tank is not disconnected from the construction heater, the gas tank and heater must be stored outdoors in a well ventilated area, out of the reach of children. If for any reason the heater is to be stored indoors, the tank must be disconnected and stored outdoors in a well ventilated area out of reach of children, in accordance with the standard for the the Storage and Handling of Liquefied Petroleum Gases, ANSI / NFPA 58 and CSA B149.1, Natural Gas and Propane Installation Code. The plastic tank valve plug supplied with your tank must be tightly installed when the tank is disconnected from the heater.

#### **MAINTENANCE INSTRUCTIONS**

- 1. Turn unit off, allow heater to fully cool and disconnect propane hose before performing any Maintenance
  - functions. Unplug the unit from the 120V receptacle.
- 2. Keep unit clean and keep the inside of the torpedo housing debris free.
- 3. Have unit checked by a qualified technician at least once a year, preferably prior to the heating season.

#### REPLACEMENT PARTS

Warning: Use only original replacement parts. This Heater must use design-specific parts. Do not substitute or use generic parts. Improper replacement parts could cause serious or fatal injuries.

This will also protect your warranty coverage for parts replaced under warranty.

Parts warranty and non-warranty: Contact authorized dealers of this product. If they can not supply original replacement part(s), either contact your nearest Parts Central or GHP Group Inc., Technical Service Department at 1-877-447-4768.

When calling GHP Group Inc., have ready:

- your name
- your address
- how heater was malfunctioning
- serial number of heater
- model number of heater
- replacement part number



## **TROUBLESHOOTING**

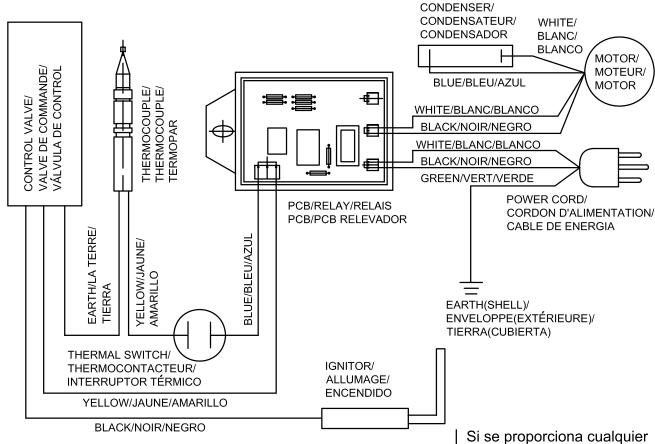
PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
Control dial is off and unit is clicking/ticking	This heater uses a continuous spark ignition system. This unit will continue to make a clicking/ticking sound at all times before ignition, after ignition and during operation, regardless of valve knob positioning.	No corrective action is needed.
The unit is ticking/clicking while the heater is lit.	This heater uses a continuous spark ignition system. This unit will continue to make a clicking/ticking sound at all times before ignition, after ignition and during operation, regardless of valve knob positioning.	No corrective action is needed.
Fan does not turn when electrical connection is made.	<ol> <li>No electric power to heater.</li> <li>Fan blade contacts inside of heater housing.</li> <li>Fan blade(s) bent</li> <li>Fan motor defective.</li> </ol>	<ol> <li>Check current to electric outlet. If voltage is correct, check power cord and extension cord for</li> <li>Be sure that housing is not damaged. Make sure there are no obstructions to the fan.</li> <li>Straighten blade(s) to match others.</li> <li>Replace motor.</li> </ol>
4. Heater will not fire.	<ol> <li>No spark at ignitor.</li> <li>Improper spark gap.</li> <li>Bad electrode.</li> </ol>	<ol> <li>Check ignitor wire. Re-attach or tighten if loose.         Check Spark module. Replace if necessary.</li> <li>Set gap (See specifications for gap).</li> <li>Replace Spark Plug.</li> </ol>
5. Heater quits while running.	<ol> <li>Internal temperature too high causing limit switch to shut down operation.</li> <li>Damaged Control Valve.</li> <li>Dust or debris build-up inside of heater.</li> </ol>	<ol> <li>If the heaters output is restricted, internal temperature becomes too high. Move heater away from any obstructions.</li> <li>Replace Control Valve.</li> <li>Clean inside of heater.</li> </ol>

Always be sure to follow proper maintenance procedures, by cleaning the heater once per month during regular usage, and check spark gap at least once per season.



#### **WIRING DIAGRAMS**

#### PIEZO/MANUAL SPARK MODELS MODÈLES À ÉTINCELLE PIÉZOÉLECTRIQUE/MANUELLE MODELOS DE CHISPA MANUAL O PIEZOELÉCTRICA



If any original wiring supplied with the heater must be replaced, it must be type AWG 105°C wire or its equivalent, except as indicated.

Si vous devez faire remplacer les fils d'origine du radiateur, procurezvous du fil AWG 105 Celsius ou l'équivalent, sauf indication contraire. Si se proporciona cualquier cableado con el calentador se debe reemplazar, debe ser cable tipo AWG 105°C o su equivalente, excepto como se indica.



#### WIRING DIAGRAMS

#### CONTINUOUS SPARK MODELS/MODÈLES À ÉTINCELLE CONTINUE MODELOS DE CHISPA CONTINUA \*100K,125K & 150K Models only WHITE/BLANC/BLANCO \*100K,125K & 150KSólo modelos CONDENSER/ MOTOR/ \*100K,125K & 150K Les modèles Seulement CONDENSATEUR/ BLUE/BLEU/AZUL MOTEUR/ CONDENSADOR **MOTOR** POWER CORD/ WHITE/BLANC/BLANCO CORDON D'ALIM-WHITE/BLANC/ ENTATION/ FUSE/FUSIBLE/FUSIBLE WHITE/BLANC/BLANCO **BLANCO** CABLE DE ENERGÍA BLACK/NOIR/NEGRO GREEN/VERT/ WHITE/BLANC/BLANCO **VERDE** BLACK/NOIR/NEGRO GREEN/VERT/ BLACK/NOIR/NEGRO VERDE WHITE/BLANC/BLANCO EARTH(SHELL)/ \*COMMUTATEUR DE CONTRE-PRESSION/\*INTERRUPTOR DE CONTRAPRESIÓN SPARK MODULE/ MODULE À ÉTINCEL-LES/MÓDULO DE ENVELÒPPE(EXTÉ-RIEURE)/ **□** BACK PRESSURE SWITCH/ TIERRA(CUBIERTA) WHITE/ BLACK/ BLANC/ NOIR/ **BLANCO NEGRO** BLACK/ NOIR/ YELLOW/JAUNE/ 0 **NEGRO** BLACK/NOIR/ NEGRO MULTI RECEPTACLE HOUSING/ LOGEMENT MULTI DE RECEPTACLE/ AMARILL CAJA DE ENCHUFES MÚLTIPLES PCB/RELAY/RELAIS PCB/PCB RELEVADOR BLUE/BLEU/ **AZUL** CONTROL VALVE/ YELLOW/JAUNE/AMARILLO VALVE DE COMMANDE/ IGNITOR/ VALVULA DE CONTROL ALT.RELAY/RELAIS EARTH/ ALLUMAGE/ ALT./ALT. RELAIS LA TERRE/ **ENCENDIDO** TIERRA BLUE/BLEU/AZUL YELLOW/JAUNE/ THERMOCOUPLE/ THERMOCOUPLE/ **AMARILLO** THERMAL SWITCH/

If any original wiring supplied with the heater must be replaced, it must be type AWG 105°C wire or its equivalent, except as indicated.

**TERMOPAR** 

Si vous devez faire remplacer les fils d'origine du radiateur, procurez-vous du fil AWG 105 Celsius ou l'équivalent, sauf indication contraire.

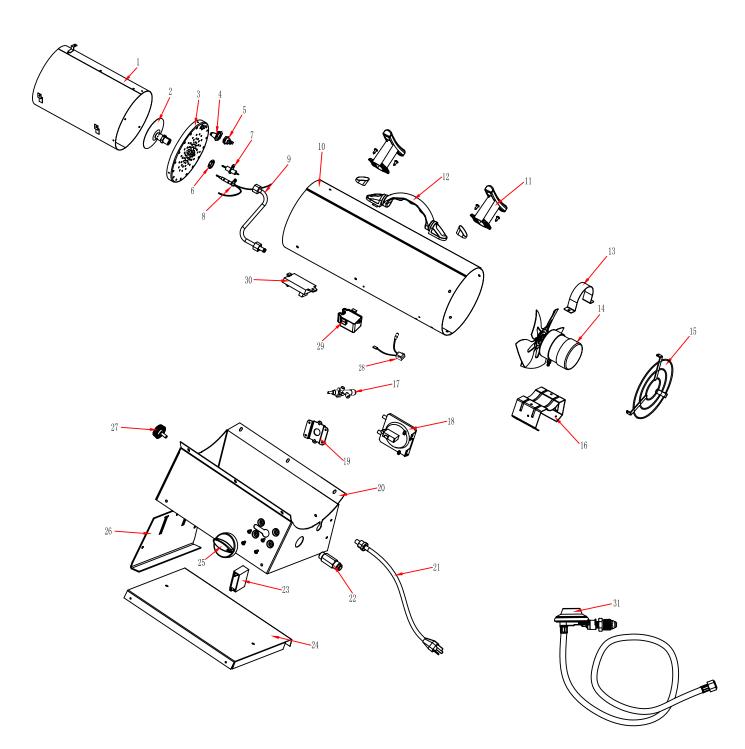
THERMOCONTACTEUR/ INTERRUPTOR TÉRMICO

Si se proporciona cualquier cableado con el calentador se debe reemplazar, debe ser cable tipo AWG 105°C o su equivalente, excepto como se indica.



## REPLACEMENT PARTS LIST

MODELS: FA40 Series FA50 Series FA60 Series





## REPLACEMENT PARTS LIST

No.   DESCRIPTION   QTY   40 SERIES   50 SERIES   60 SERIES   1   INNER SHELL ASSEMBLY   1   2304818   2	Article			PART NUMBER			
2		DESCRIPTION	QTY	40 SERIES	50 SERIES	60 SERIES	
THERMAL SWITCH RRACKET	1	INNER SHELL ASSEMBLY	1	2304818	2304818	2304818	
### THERMAL SWITCH BRACKET	2	NOZZLE	1	*2304829	*2304942	*2325121	
THERMAL SWITCH	3	FLAME CAP	1	2304819	2304819	2325120	
6	4	THERMAL SWITCH BRACKET	1	2304826	2304826	2304826	
7	5	THERMAL SWITCH	1	2201373	2201563	2201599	
B	6	NOZZLE NUT	1	2304578	2304578	2304578	
9 GAS TUBING ASSEMBLY 1 2304830 2304830 2304830 2305403 230540	7	SPARK PLUG ASSEMBLY	1	2201375	2201375	2206033	
OUTER SHELL - ORANGE	8	THERMOCOUPLE ASSEMBLY (1130/1474-425L)	1		2304885	2304885	
OUTER SHELL - BLACK	9	GAS TUBING ASSEMBLY	1	2304830	2304830	2304830	
OUTER SHELL - GRAY		OUTER SHELL - ORANGE	1	2305403	2305403	2305403	
OUTER SHELL - GRAY	10	OUTER SHELL - BLACK	1	2315915	2315915	2315915	
11		OUTER SHELL - GRAY	1	2315956	2315956	2315956	
HANDLE ASSEMBLY - BLACK   1   2101447   2101447   2101447   2101447   1101447   2101447   1101				2315312	2315312	2315312	
12	11		2	N/A	·	N/A	
HANDLE ASSEMBLY - GRAY	12	HANDLE ASSEMBLY - BLACK	1		2101447	2101447	
12.2   SCREW - HANDLE FRONT   1   2001077   2001077   2001077   12.3   NUT - HANDLE REAR   1   2000384   2000384   2000384   2000384   13   MOTOR SUPPORT   1   2304823   2304823   2304823   2304823   2304823   13.1   MOTOR - MOUNTING BOLT   2   2001332   2001332   2001332   201332   13.2   SLEEVE   1   2304949   2304949   2304949   2304949   14   MOTOR ASSEMBLY   1   2305909   2305447   2304547   2304547   14.1   MOTOR - FAN   1   2304821   2304821   2304821   2304821   2304821   2304821   2304821   2304828   2304928   2304928   2304928   2304928   2304928   2304928   2304928   2304928   2304928   2304928   2304928   2304928   2304928   2304928   2304928   2304928   2304928   2304928   2304928							
12.3							
13							
13.1   MOTOR - MOUNTING BOLT   2   2001332   2001332   2001332   13.2   SLEEVE							
13.2   SLEEVE							
14							
14.1							
TAME	14						
15	14.1		-				
FAN GUARD - GRAY	15						
17							
18							
19 VALVE BRACKET 1 2304624 2304624 2304624 2304624 220 BASE ASSEMBLY - BLACK 1 2304923 2304923 2304923 2304923 2304923 2304923 2304923 2304923 2304923 2304923 2304923 2304923 2304923 2304923 2304923 2304923 2304923 2305405 2305405 2305405 2305405 2305405 2305405 2305405 2305405 2305405 2305405 2305405 2305405 2304925 2304925 2304831 2304831 2304831 2304831 2304831 2304831 2304831 2304831 2304831 2304831 2304831 2304831 2304831 2304831 2304825 2304927 2304927							
BASE ASSEMBLY - BLACK				· · · · · · · · · · · · · · · · · · ·	,	· · · · · · · · · · · · · · · · · · ·	
BASE ASSEMBLY - GREY   1   2305405   2305405   2305405   2305405   2305405   2305405   2305405   2305405   2305405   2305405   2305405   2305405   2305405   2305405   2305405   2305405   2306831   2304832   2201372   2201372   2201372   2201372   2201372   2304925   2304925   2304925   2304925   2305407   2305407   2305407   2305407   2305407   2305407   2305406   2305467   2305409   2305409   2305409   2305409   2305409   2305409   2305409   2305409   2305409   2305409   2305409   2305409   2305409   2305409   2305409   2305409   2305409   2305409   2305467	19						
21	20						
22   GAS CONNECTOR INLET   1   2304831   2304927   2304925   2304925   2304925   2304925   2304925   2304927   2305407   2305407   2305407   2305407   2305407   2305407   2305406   2305466   2305466   2305466   2305466   2305466   2305466   2305466   2305466   2305466   2305466   2305466   2305466   2305466   2305466   2305466   2305409   2305409   2305409   2305409   2305409   2305409   2305409   2305409   2305409   2305409   2305409   2305409   2305409   2305409   2305409   2305409   2305409   2305409   2305407   2305467   230	24						
23							
24         BASE LOWER - BLACK         1         2304925         2304925         2304925           BASE LOWER - GREY         1         2305407         2305407         2305407           25         KNOB GAS VALVE - BLACK         1         2101451         2101451         2101451           26         HEIGHT CONTROLLER - BLACK         1         2305466         2305466         2305466           26         HEIGHT CONTROLLER - GREY         1         2305409         2305409         2305409           27         HEIGHT CONTROL SCREW - BLACK         1         2304510         2304510         2305467           28         LEAD WIRE ASSEMBLY         1         2201371         2201371         2201371           29         SPARK MODULE         1         N/A         2201391         2201391           30         PCB ASSEMBLY         1         2201369         2201369         2201369           30         PCB ASSEMBLY         1         1         2201369         2201369         2201369           31         REG & HOSE ASSEMBLY - 10FT (3M)         1         KR10602-10-31         KR10602-10-31         KR10602-HW10-31         KR10602-HW10-31           31         REG & HOSE ASSEMBLY - 15FT (4.6M)         1         KR106							
BASE LOWER - GREY	23						
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28         LEAD WIRE ASSEMBLY         1         2201371         2201371         2201371           29         SPARK MODULE         1         N/A         2201391         2201391           30         PCB ASSEMBLY         1         2201369         2201369         2201369           REG & HOSE ASSEMBLY - 10FT (3M)         1         KR10602-10-31         KR10602-10-31         KR10602-10-31           REG & HOSE ASSEMBLY - 10FT (3M) w/HANDWHEEL         1         KR10602-HW10-31         KR10602-HW10-31         KR10602-HW10-31           REG & HOSE ASSEMBLY (QCC) - 10FT (3M)         1         *TYQ-9C-3000         *TYQ-10C-3000         *TYQ-10C-3000           REG & HOSE ASSEMBLY -15FT (4.6M)         1         KR10602-15-31         KR10602-15-31         KR10602-15-31           REG & HOSE ASSEMBLY -15FT (4.6M) w/HAND WHEEL         1         KR10602-HW15-31         KR10602-HW15-31	27						
29         SPARK MODULE         1         N/A         2201391         2201391           30         PCB ASSEMBLY         1         2201369         2201369         2201369           31         REG & HOSE ASSEMBLY - 10FT (3M)         1         KR10602-10-31         KR10602-10-31         KR10602-10-31           REG & HOSE ASSEMBLY - 10FT (3M) w/HANDWHEEL         1         KR10602-HW10-31         KR10602-HW10-31         KR10602-HW10-31           REG & HOSE ASSEMBLY (QCC) - 10FT (3M)         1         *TYQ-9C-3000         *TYQ-10C-3000         *TYQ-10C-3000           REG & HOSE ASSEMBLY -15FT (4.6M)         1         KR10602-15-31         KR10602-15-31         KR10602-15-31           REG & HOSE ASSEMBLY -15FT (4.6M) w/HAND WHEEL         1         KR10602-HW15-31         KR10602-HW15-31         KR10602-HW15-31	28						
30 PCB ASSEMBLY 1 2201369 2201369 2201369  REG & HOSE ASSEMBLY - 10FT (3M) 1 KR10602-10-31 KR10602-10-31 KR10602-10-31  REG & HOSE ASSEMBLY - 10FT (3M) w/HANDWHEEL 1 KR10602-HW10-31 KR10602-HW10-31 KR10602-HW10-31  REG & HOSE ASSEMBLY (QCC) - 10FT (3M) 1 *TYQ-9C-3000 *TYQ-10C-3000 *TYQ-10C-3000  REG & HOSE ASSEMBLY -15FT (4.6M) 1 KR10602-15-31 KR10602-15-31 KR10602-15-31  REG & HOSE ASSEMBLY -15FT (4.6M) w/HAND WHEEL 1 KR10602-HW15-31 KR10602-HW15-31							
REG & HOSE ASSEMBLY - 10FT (3M)  REG & HOSE ASSEMBLY - 10FT (3M) w/HANDWHEEL  REG & HOSE ASSEMBLY - 10FT (3M) w/HANDWHEEL  REG & HOSE ASSEMBLY (QCC) - 10FT (3M)  REG & HOSE ASSEMBLY (QCC) - 10FT (3M)  REG & HOSE ASSEMBLY - 15FT (4.6M)  REG & HOSE ASSEMBLY - 15FT (4.6M) w/HAND WHEEL			<del></del>	· · · · · · · · · · · · · · · · · · ·			
REG & HOSE ASSEMBLY - 10FT (3M) w/HANDWHEEL 1 KR10602-HW10-31 KR10602-HW10-31 KR10602-HW10-31 REG & HOSE ASSEMBLY (QCC) - 10FT (3M) 1 *TYQ-9C-3000 *TYQ-10C-3000 *TYQ-10C-3000 *TYQ-10C-3000 REG & HOSE ASSEMBLY -15FT (4.6M) 1 KR10602-15-31 KR10602-15-31 KR10602-15-31 KR10602-HW15-31 KR10602-HW15-31 KR10602-HW15-31 KR10602-HW15-31	30						
REG & HOSE ASSEMBLY (QCC) - 10FT (3M) 1 *TYQ-9C-3000 *TYQ-10C-3000 *TYQ-	]	· ,					
REG & HOSE ASSEMBLY -15FT (4.6M) 1 KR10602-15-31 KR10602-15-31 KR10602-15-31 REG & HOSE ASSEMBLY -15FT (4.6M) w/HAND WHEEL 1 KR10602-HW15-31 KR10602-HW15-31 KR10602-HW15-31	]	, , ,					
REG & HOSE ASSEMBLY -15FT (4.6M) w/HAND WHEEL 1 KR10602-HW15-31 KR10602-HW15-31 KR10602-HW15-31	31	, , , , ,	1				
		,					
		REG & HOSE ASSEMBLY (QCC) - 15FT (4.6M)	1	*TYQ-9C-4572	*TYQ-10C-4572	*TYQ-10C-4572	

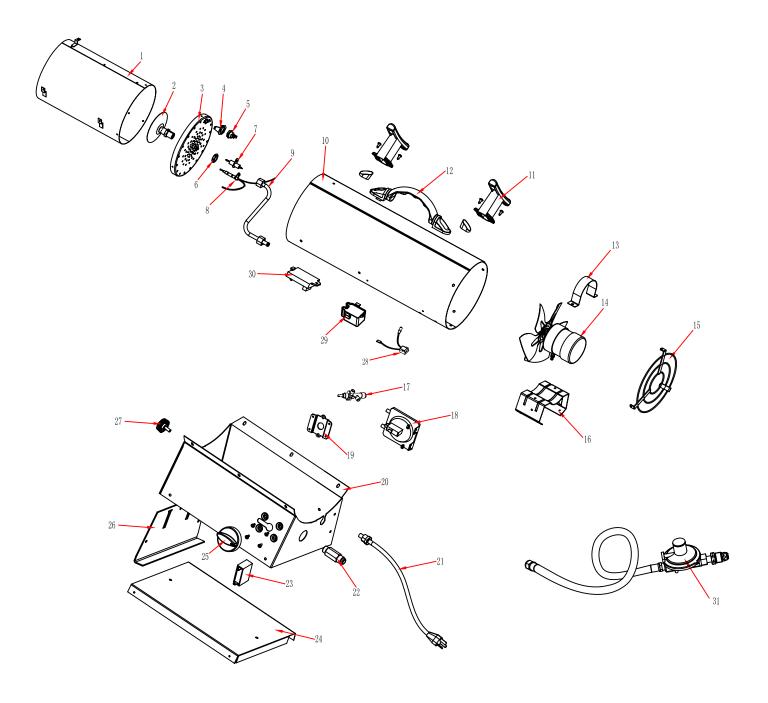


#### PROPANE CONSTRUCTION HEATER ILLUSTRATED / PARTS BREAKDOWN

**MODELS: RMC-FA100DGD** 

RMC-FA125DGD/LPFA125H

RMC-FA150DGD





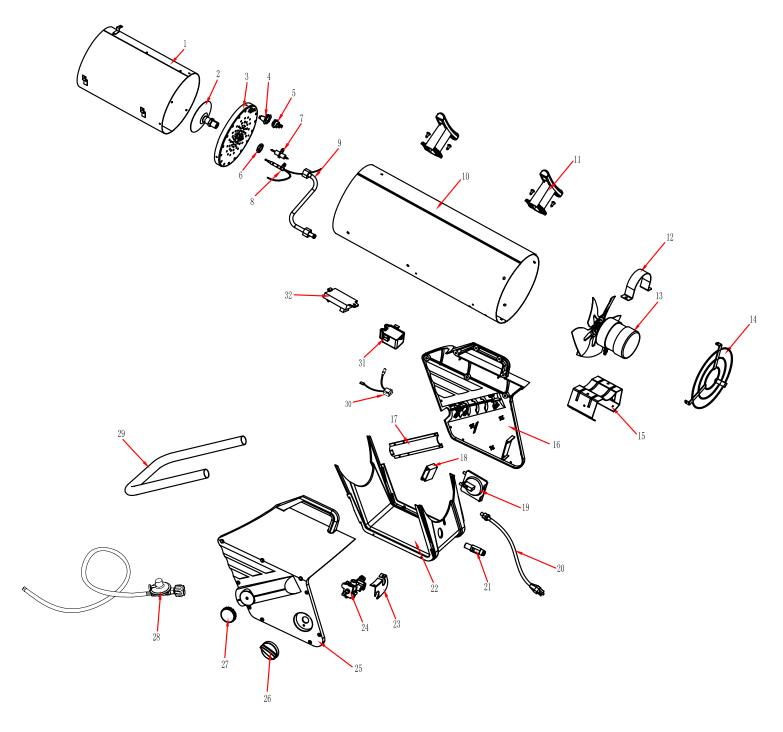
## REPLACEMENT PARTS LIST

ITEM	DESCRIPTION	QTY	PART NUMBER		
No.	DESCRIPTION		100 SERIES	125 SERIES	150 SERIES
1	INNER SHELL ASSEMBLY	1	2304929	2304929	2304929
2	NOZZLE	1	*2304943	5030077	2304944
3	FLAME CAP	1	2304930	2325122	2304931
4	THERMAL SWITCH BRACKET	1	2304826	2315515	2001355
5	THERMAL SWITCH	1	2201373	2201373	2201373
6	NOZZLE NUT	1	2304578	2304945	2304945
7	SPARK PLUG ASSEMBLY	1	2201392	2206034	2201393
8	THERMOCOUPLE ASSEMBLY (1130/1474-425L)	1	2304885	2304885	2304885
9	GAS TUBING ASSEMBLY	1	2304946	2325138	2304947
	OUTER SHELL - ORANGE	1	N/A	2305971	N/A
10	OUTER SHELL - BLACK	1	N/A	N/A	N/A
10	OUTER SHELL - GRAY	1	2315916	2315916	2315916
	OUTER SHELL - BLUE	1	N/A	N/A	N/A
11	CORD WRAP (select models only)	2	2101423	2101423	2101423
42	HANDLE ASSEMBLY - BLACK	1	2101447	2101447	2101447
12	HANDLE ASSEMBLY - GRAY	1	2305426	2305426	2305426
12.1	SCREW - HANDLE FRONT	1	2001355	2001355	2001355
12.2	SCREW - HANDLE FRONT	1	2001077	2001077	2001077
12.3	NUT - HANDLE REAR	1	2000384	2000384	2000384
13	MOTOR SUPPORT	1	2304823	2304823	2304823
13.1	MOTOR - MOUNTING BOLT	2	2001332	2001332	2001332
13.2	SLEEVE	1	2304949	2304949	2304949
14	MOTOR ASSEMBLY	1	2304548	2304548	2304548
14.1		1	2304936	2304936	2304936
14.1	MOTOR - FAN	1	2304930	2304939	2304939
15	FAN GUARD - BLACK				
16	FAN GUARD - GRAY	1	2305412	2305412 2304938	2305412
	MOTOR BRACKET		2304938		2304938
17	VALVE - GAS	1	GS22A-FA125	GS22A-FA125	GS22A-FA150
18	PRESSURE SWITCH	1	2305976	2305976	2305976
19	VALVE BRACKET	1	2304624	2304624	2304624
20	BASE ASSEMBLY - BLACK	1	2304924	2304924	2304924
	BASE ASSEMBLY - GREY	1	N/A	2403354	N/A
21	POWER CORD ASSEMBLY	1	2101673	2101673	2101673
22	GAS CONNECTOR INLET	1	2304831	2304831	2304831
23	CAPACITOR	1	2301390	2301390	2301390
24	BASE LOWER - BLACK	1	2304926	2304926	2304926
	BASE LOWER - GREY	1	N/A	2403355	N/A
25	KNOB GAS VALVE - BLACK	1	2101451	2101451	2101451
	KNOB GAS VALVE - ORANGE	1	N/A	2305466	N/A
26	HEIGHT CONTROLLER - BLACK	1	2304928	2304928	2304928
20	HEIGHT CONTROLLER - GREY	1	N/A	2403356	N/A
27	HEIGHT CONTROL SCREW - BLACK	1	2304510	2304510	2304510
27	HEIGHT CONTROL SCREW - ORANGE	1	N/A	2305467	N/A
28	LEAD WIRE ASSEMBLY	1	2201371	2201371	2201371
29	SPARK MODULE	1	2201391	2201391	2201391
30	PCB ASSEMBLY	1	2201369	2201369	2201369
	REG & HOSE ASSEMBLY - 10FT (3M)	1	GR109-10-38	GR109-10-38	GR109-10-38
<b> </b>	REG & HOSE ASSEMBLY - 10FT (3M) w/HANDWHEEL	1	GR109-HW10-38	GR109-HW10-38	GR109-HW10-38
	REG & HOSE ASSEMBLY(QCC) - 10FT (3M)	1	*TYQ-6D1-3000	*TYQ-6D1-3000	*TYQ-6E1-3000
31	REG & HOSE ASSEMBLY -15FT (4.6M)	1	GR109-15-38	GR109-15-38	GR109-15-38
	REG & HOSE ASSEMBLY -15FT (4.6M) w/HAND WHEEL	1	GR109-HW15-38	GR109-HW15-38	GR109-HW15-38
<b> </b>	REG & HOSE ASSEMBLY(QCC) -15FT (4.6M)	1	*TYQ-6D1-4572	*TYQ-6D1-4572	*TYQ-6E1-4572



## PROPANE CONSTRUCTION HEATER ILLUSTRATED / PARTS BREAKDOWN

MODELS: RMC-FA100/DGP/DGP-01 RMC-FA125/DGP/DGP-01 LPFA125DGD





## REPLACEMENT PARTS LIST

ITEM	DESCRIPTION		PART NUMBER			
No.		QTY	FA100DGP	FA125DGP	LPFA125DGD	
1	INNER SHELL ASSEMBLY	1	2304929	2304929	2304929	
2	NOZZLE	1	*2304943	5030077	5030077	
3	FLAME CAP	1	2304930	2325122	2325122	
4	THERMAL SWITCH BRACKET	1	2304826	2315515	2315515	
5	THERMAL SWITCH	1	2201373	2201373	2201373	
6	NOZZLE NUT	1	2304578	2304945	2304945	
7	SPARK PLUG ASSEMBLY	1	2201392	2206034	2206034	
8	THERMOCOUPLE ASSEMBLY (1130/1474-425L)	1	2304885	2304885	2304885	
9	GAS TUBING ASSEMBLY	1	2305975	2325137	2325137	
10	OUTER SHELL - ORANGE OUTER SHELL - BLACK	1 1	2305971 N/A	2305971 N/A	N/A 2403443	
11	CORD WRAP	2	2101423	2101423	2403443	
12	MOTOR SUPPORT	1	2304823	2304823	2304823	
12.1	MOTOR - MOUNTING BOLT	2	2001332	2001332	2001332	
12.2	SLEEVE	1	2304949	2304949	2304949	
13	MOTOR ASSEMBLY	1	2304548	2304548	2304548	
13.1	MOTOR - FAN	1	2304936	2304936	2304936	
	FAN GUARD - GRAY	1	2305412	2305412	N/A	
14	FAN GUARD - BLACK	1	N/A	N/A	2304939	
15	MOTOR BRACKET	1	2304938	2304938	2304938	
16	BASE RIGHT SIDE	1	2306000	2306000	2306000	
17	LEG HOLDER	2	2315002	2315002	2315002	
18	CAPACITOR	1	2301390	2301390	2301390	
19	PRESSURE SWITCH	1	2305976	2305976	2305976	
20	POWER CORD ASSEMBLY	1	2101673	2101673	2101673	
21	GAS CONNECTOR INLET	1	2304831	2304831	2304831	
22	BASE BOTTOM	1	2315001	2315001	2315001	
23	VALVE BRACKET	1	2305973	2305973	2305973	
24	VALVE - GAS	1	GS22A-FA125	GS22A-FA125	GS22A-FA125	
25	BASE LEFT SIDE	1	2305999	2305999	2305999	
26	KNOB GAS VALVE - ORANGE	1	2101588	2101588	N/A	
26	KNOB GAS VALVE - BLACK	1	N/A	N/A	2101451	
27	HEIGHT CONTROL SCREW - ORANGE	2	2315003	2315003	N/A	
	HEIGHT CONTROL SCREW - BLACK	2	NA	NA	2403444	
]	REGULATOR & HOSE ASSEMBLY - 10FT (3M)	1	*GR109-10-38	*GR109-10-38	*GR109-10-38	
28	REGULATOR & HOSE ASSEMBLY(QCC) - 10FT (3M)	1	N/A	N/A	TYQ-6D1-3000	
	REGULATOR & HOSE ASSEMBLY -15FT (4.6M)	1	*GR109-15-38	*GR109-15-38	*GR109-15-38	
	REGULATOR & HOSE ASSEMBLY(QCC) -15FT (4.6M)	1	N/A	N/A	TYQ-6D1-4572	
29	LEG	1	2305972	2305972	2305972	
30	LEAD WIRE ASSEMBLY	1	2201371	2201371	2201371	
31	SPARK MODULE	1	2201391	2201391	2201391	
32	PCB ASSEMBLY	1	2201369	2201369	2201369	

<sup>\*</sup> VERSION NOT SHOWN IN EXPLODED VIEW

## <u>WARRANTY</u>

#### **LIMITED WARRANTY:**

This limited warranty is extended to the original retail purchaser of this Forced Air/Convection/Radiant Heater and warrants against any defect in materials and workmanship for a period of one (1) year from the date of retail sale (lifetime warranty for the brass nozzle burner only). GHP Group, Inc., at it's option, will either provide replacement parts or replace or repair the unit, when properly returned to the retailer where purchased or one of our service centers as directed by GHP Group, Inc., within one (1) year of retail purchase. (Shipping costs, labour costs, etc. are the responsibility of the purchaser.)

#### DUTIES OF THE OWNER:

This heating appliance must be operated in accordance with the written instructions furnished with this heater. This warranty shall not excuse the owner from properly maintaining this heater in accordance with the written instructions furnished with this heater. A bill of sale, canceled check or payment record must be kept to verify purchase date and establish warranty period. Original carton should be kept in case of warranty return of unit.

#### WHAT IS NOT COVERED:

- 1. Damage resulting from use of improper fuel.
- 2. Damage caused by misuse or use contrary to the owners manual and safety guidelines.
- 3. Damage caused by a lack of normal maintenance.
- 4. Fuses
- 5. Use of non-standard parts or accessories.
- 6. Damage caused in transit. Freight charges on warranty parts or heaters to and from the factory shall be the responsibility of the owner.

This warranty does not imply or assume any responsibility for consequential damages that may result from the use, misuse, or the lack of routine maintenance of this heating appliance. A cleaning fee and the cost of parts may be charged for appliance failures resulting from lack of maintenance. This warranty does not cover claims which do not involve defective workmanship or materials. **FAILURE TO PERFORM GENERAL MAINTENANCE (INCLUDING CLEANING) WILL VOID THIS WARRANTY.** 

THIS LIMITED WARRANTY IS GIVEN TO THE PURCHASER IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE. THE REMEDY PROVIDED IN THIS WARRANTY IS EXCLUSIVE AND IS GRANTED IN LIEU OF ALL OTHER REMEDIES. IN NO EVENT WILL GHP GROUP, INC. BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. Some states do not allow the exclusion or limitation of incidental or consequential damages so the above limitation or exclusion may not apply to you.

#### **CLAIMS HANDLED AS FOLLOWS:**

- 1. Contact your retailer and explain the problem.
- 2. If the retailer is unable to resolve the problem, contact our Customer Service Dept. detailing the heater model, the problem, and proof of date of purchase.
- 3. A representative will contact you. DO NOT RETURN THE HEATER TO GHP GROUP, INC. unless instructed by our Representative. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

TO REGISTER THE WARF	RANTY ON YOUR HEATE	R, PLEASE FILL OUT	THIS CARD COM	PLETELY
AND MAIL WITHIN 14 DAYS F	ROM DATE OF PURCHA	SE OR REGISTER O	N-LINE AT www.ghր	ogroupinc.com
NAME:	PHONE: (	)	EMAIL:	
ADDRESS:	CITY:		STATE:	ZIP:
MODEL: SERIAL #: _			DATE PURCHASE	ED:
DEALER PURCHASED FROM:		TYPE	OF STORE:	
CITY & STATE WHERE PURCHASED:				
Please Take a N	linute To Give Us Your	Answers To The Follo	owing Questions.	
All Responses Are U	sed Solely For Market R	esearch And Are Hel	d In Strict Confide	nce.
Who primarily decided this purchase? ☐ Ma				
Purpose of Purchase?				
Do you own any other portable heaters? ☐ Yes			brand	
How do you intend to use your new heater?				arage/Outbuilding  Othe
How did you become aware of this heater? □				•
☐ TV Commercial ☐ Store Salesperson ☐ C	• •			
What made you select this heater? ☐ Style	☐ Size/Portability ☐ Pr	rice	Brand □ Othe	r
Do you: ☐ own ☐ rent Would you recommer				
Please give us your comments:				
	THANK YOU FOR COM	PLETING THIS FORM	1!	
	Information will be	held confidential.		

# **WARRANTY REGISTRATION**

IMPORTANT: We urge you to fill out your warranty registration card within fourteen (14) days of date of purchase. You can also register your warranty on the internet at www.ghpgroupinc.com. Complete the entire serial number. Retain this portion of the card for your records.



GHP Group, Inc. 6440 W Howard St Niles, IL 60714-3302

Tel: (877) 447–4768 www.ghpgroupinc.com

#### SAVE THIS CARD!

		Place Postage
1		Stamp Here
	GHP Group, Inc.	·
	6440 W Howard St Niles, IL 60714-3302	1
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