OPERATING INSTRUCTIONS MANUAL

(Please retain for future reference)

For

FVO-400LTRC INDIRECT FIRED HEATER TRAILER

CERTIFIED FOR USE IN CANADA AND U.S.A.
As per CSA B140.8 Portable Oil Fired Heaters / CSA B140.0 2003 Oil Burning Equipment
UL733 Oil Fired Air Heaters
Construction Heaters Unattended Type.

FLAGRO INDUSTRIES LIMITED
ST. CATHARINES, ONTARIO
CANADA

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 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 INSTRUCTIONS MANUAL, LABELS, ETC. CONTACT THE MANUFACTURER.

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 THINNER, DUST PARTICLES OR UNKNOWN CHEMICALS.

This heater is designed and approved for use as a construction heater under CSA B140.8 Portable Oil Fired Heaters / CSA B140.0 2003 Oil Burning Equipment, UL733 Oil Fired Air Heaters
We cannot anticipate every use which may be made of our heaters. CHECK WITH YOU 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

TABLE OF CONTENTS

TRAILER CHECK LIST

PLEASE PERFORM THE FOLLOWING STEPS TO YOUR FVO-400LTRC HEATER TRAILER TO ENSURE PROPER OPERATION.

- **Visually inspect outside & inside of trailer to ensure all instructions and decals are in place and legible.**
- **Inspect the tires to ensure road worthy and have proper inflation.**
- **Inspect hitch assembly and safety tow chains.**
- **Inspect jack assemblies to make sure they operate properly.**
- **Make sure all trailer cabinet doors are closed before attempting to relocate trailer.**
- **Check lug nuts and torque to 80-90 ft. lbs. Lug nuts should be re-torqued every 100 miles.**
- **Check oil, fuel and coolant levels on genset.**
- **Make sure brake & signal lights on trailer are completely operational.**
- **Make sure the battery is fully charged and the terminals are tight.**
- **Start engine and heaters to ensure proper operation.**
- **Inspect lights for cracks and test lights**
- **Review engine manual for maintenance requirements.**

TOWING INSTRUCTIONS

Before towing the FVO-400LTRC, please make sure you go over the following steps to ensure your trailer is road ready.

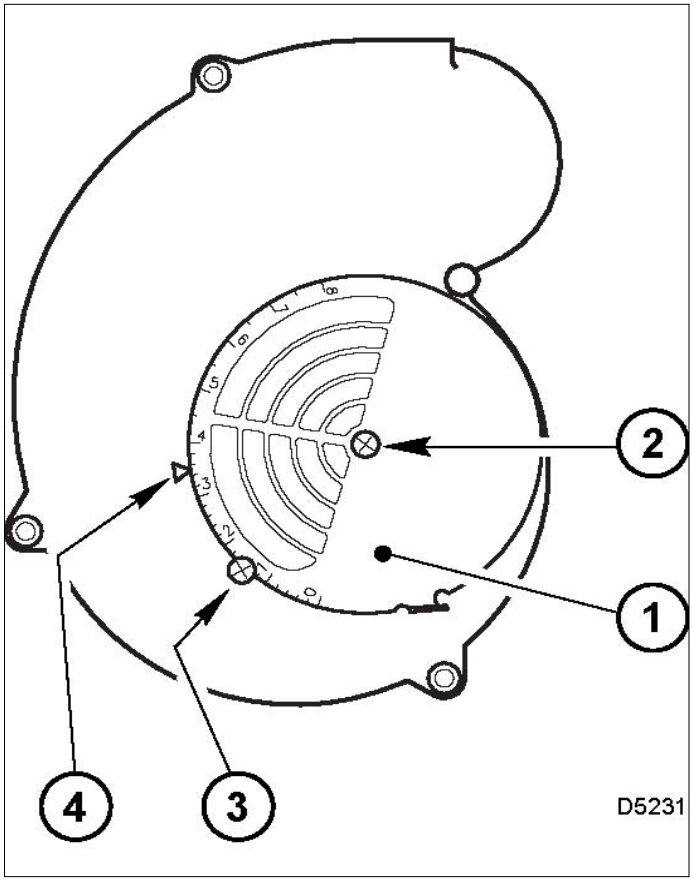
1. **Hitch is securely attached to towing vehicle.**
2. **Safety chains are securely attached to towing vehicle.**
3. **Jacks are completely retracted.**
4. **Check all tires ensure they have adequate air pressure.**
5. **Make sure all ducting is removed from heaters**
6. **All doors are closed and secure.**
7. **Taillights are connected and operating.**

FVO-400LTRC SETUP PROCEDURE

The FVO-400RC heater in the trailer needs to be tested and set up before every operation. Proper combustion must be achieved using a certified combustion analyzer and smoke gun tester to ensure optimum set up. The air adjustment should be made to achieve a maximum of 10% CO_2 and No. 1 or "trace" smoke. (Bacharach Scale)

SETTING THE AIR ADJUSTMENT PLATE

A) Regulation of the combustion air flow is made by adjustment of the manual AIR ADJUSTMENT PLATE (1) after loosening the FIXING SCREWS (2 & 3). The initial setting of the air adjustment plate is set to 4.5 at the factory.



B) The proper number on the manual AIR ADJUSTMENT PLATE (1) should line up with the SETTING INDICATOR (4) on the fan housing cover. Once set, the air adjustment plate should be secured in place by tightening SCREWS 2 and 3.

C) The final position of the air adjustment plate will vary on each installation. Use instruments to establish the proper settings for maximum CO_2 and a smoke reading of zero.

NOTE: Variations in flue gas, smoke, CO_2 and temperature readings may be experienced when the burner cover is put in place. Therefore, the burner cover **must** be in place when making the final combustion instrument readings, to ensure proper test results.

SETUP PROCEDURE (HIGH ALTITUDE)

When the FVO-400LTRC is required to operate over 2000 feet above sea level there will be necessary adjustments needed to burn efficiently with thinner air. Please review the following chart as a starting point; please note that a combustion analyzer & smoke gun will be required to achieve optimum set up.

ACTUAL FIRING RATE +/- 5%	NOZZLE SIZE	PUMP PRESSURE	TURBULATOR SETTING	AIR DAMPER SETTING	ALTITUDE RANGE
2.11 GPH	1.75 X 60W	145 PSI	2.5	3.1	OVER 7000FT

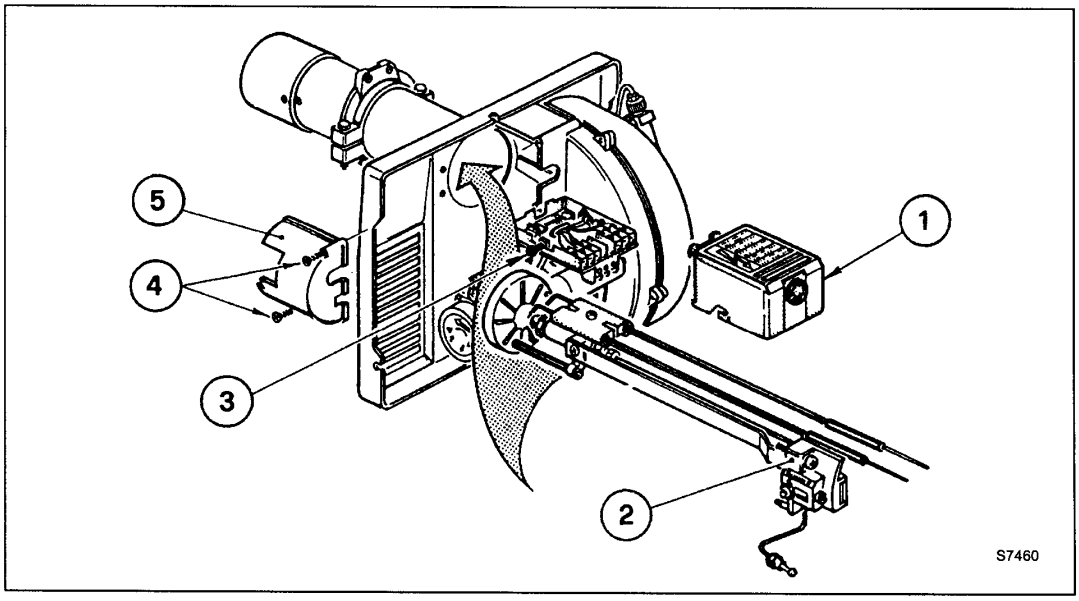
INSERTION / REMOVAL OF DRAWER ASSEMBLY

A) To remove drawer assembly, loosen SCREW (3), then unplug CONTROL BOX (1) by carefully pulling it back and then up.

B) Remove the AIR TUBE COVER PLATE (5) by loosening the two retaining SCREWS (4).

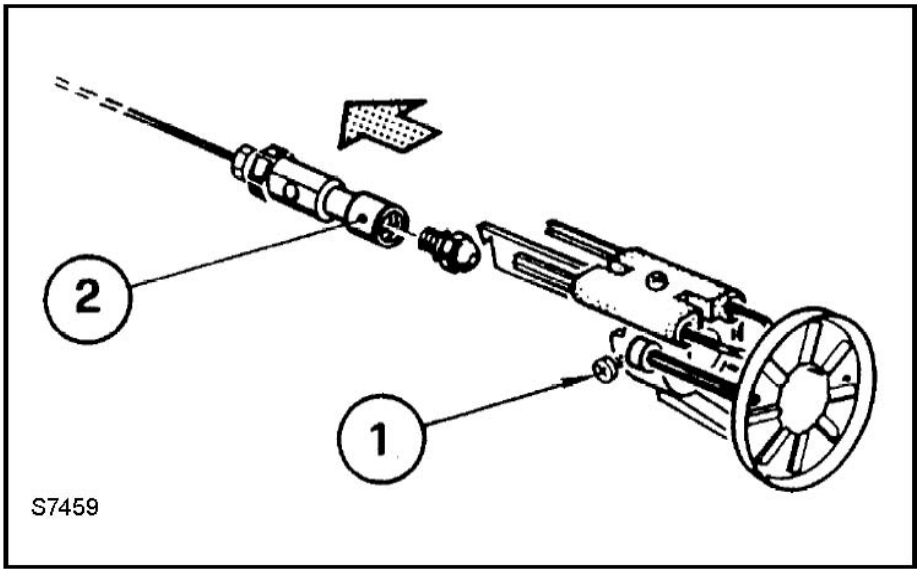
C) Loosen SCREW (2), and then slide the complete drawer assembly out of the combustion head as shown.

D) To insert drawer assembly, reverse the procedure in items A to C above, and then attach fuel line to the pump.



NOZZLE PLACEMENT

A) Remove the NOZZLE ADAPTER (2) from the DRAWER ASSEMBLY by loosening the SCREW (1).



B) Insert the proper NOZZLE into the NOZZLE ADAPTER and tighten securely (Do not over tighten).

C) Replace adapter, with nozzle installed, into drawer assembly and secure with screw (1).

Please refer to the Air adjustment plate diagram on page 6, the turbulator diagram at the bottom of this page & the nozzle replacement diagram on page 8.

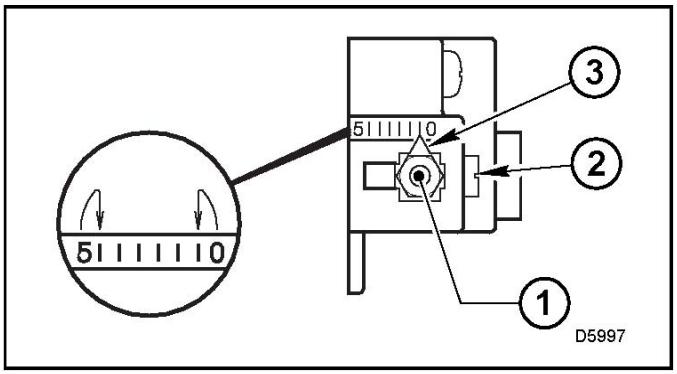
NOTE: The burners are equipped with a 1.75 X 60W nozzle, due to the increase density of oil/diesel fuel at colder temperatures.

TURBULATOR SETTING

A) Loosen NUT (1), then turn SCREW (2) until the INDEX MARKER (3) is aligned with the correct index number as per the Burner Set-up chart above.

B) Retighten the RETAINING NUT (1)

NOTE: Zero and five are scale indicators only. From left to right, the first line is 5 and the last line 0.



SPECIFICATIONS

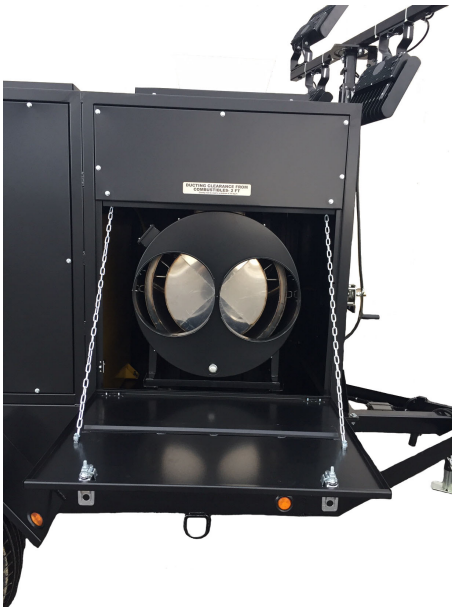
Model ……	FVO-400LTRC
Input ……...	390,000 BTU
Engine ……	Kubota Liquid Cooled Diesel
	Electric start/ glow plugs
	Battery charging alternator
	Heavy duty Radiator & Air Cleaner
	Remote Oil Drain
Generator……	8 kW @ 1800 rpm
	Single phase-120V
	Instrument panel including Hour Meter
Light Tower……	15 FT - 2 stage Mast
	Qty 4 - 1.8 AMP LED Lights
Fuel ……...	No.1, No. 2, Diesel
Fuel Pressure …….....170	psi @ 0-2000 ft
Nozzle ……	1.75 x 60W (Delavan) @ 0-2000 ft
Fuel Tank ……..	1,135 Liters / 300 US Gallons
	Heavy duty fuel sight gauge
	2” Fuel inlet nozzle
Power Tool Outlet …….	1 x 15 Amp GFI Outlet
Ignition ……..	Direct Spark Ignition
Fan Motor……1	HP @ 1725 RPM
Air Circulation ……..	4000 CFM
Fuel Consumption …….	4.00 GPH at full load
Weight…….	3620lbs (Empty)
Approvals ……..	cETLus listed (Heater)
	CSA/ESA approved (Electrical)
	DOT approved trailer

TRAILER PREPARATION FOR START-UP

PLEASE REVIEW TRAILER CHECKLIST, FVO-400LTRC SETUP & GENERATOR MANUAL BEFORE PROCEEDING

OPEN REAR GENERATOR ACCESS DOORS

OPEN OUTLET DOOR & ATTACH DUCTING TO HEATER
MAXIMUM OF 150FT OF DUCTING TO BE USED



OPEN HEATER START UP DOOR

INSPECT FUEL GAUGE FOR SUFFICIENT LEVEL OF FUEL

MAKE SURE BATTERY LOCK OUT IS TURNED OFF, PRESS & HOLD MURPHY SWITCH & TURN KEY ON CONTROL PANEL TO START, ONCE OIL PRESSURE INCREASES, RELEASE MURPHY SWITCH

HEATER START UP INSTRUCTIONS:

1. Be sure the “switch” is in the “OFF” position.

2. Start generator, verify heater inlet and outlet door are in the open position.

3. Move switch to “MANUAL” position for manual control.

OR

4. Move switch to “THERMOSTAT” position for thermostatic control.

Please Note:

1. If using Thermostat on unit, unit must be started in Thermostat position.

2 When changing between manual and thermostat operation, the heater must be left in the “OFF” position for 30 seconds to prevent the burner from locking out.

3. If the generator runs out of fuel, make sure the heater switch is in the “OFF” position before restarting generator, failure to do so may damage heater.

TO SHUT DOWN:

1. Move switch to “OFF” position.

NOTE: Fan will continue to operate after the burner shuts down. Once the unit cools down, the fan will stop.

Never pull power plug to shut unit down, if power plug is pulled ignition box may be damaged, and will not be covered under warranty.

Allow heater fan to cool down heat exchanger before turning off generator, failure to do so, may cause damage to heater

IF HEATER FAILS TO START:

1. Press manual reset button at rear of burner. (Red button)
2. Check fuel level gauge for sufficient amount of fuel.
3. Make sure there are no air blocks in fuel lines or filter. Bleed lines if required.
4. Ensure power supply plug is connected properly.
5. Check for dirty fuel filter or blocked fuel supply line.
6. Check burner nozzle assembly.
7. Make sure the burner control box does not need to be reset.

NOTE: IF THE BURNER HAS BEEN RESET SEVERAL TIMES THERE MAY BE AN ACCUMULATION OF **FUEL** IN THE CHAMBER! DO NOT CONTINUE TO TRY AND START THE HEATER!

DRAIN FUEL FROM HEAT EXCHANGER USING DRAIN HOLE AT FRONT OF HEAT EXCHANGER FOR 15-20 MINUTES BEFORE ATTEMPTING TO RELIGHT. LET REMAINING EXCESS **FUEL** BURN OFF BEFORE CHECKING COMBUSTION OF UNIT.

SAFE OPERATION PRECAUTIONS:

1. Do not fill fuel tank while heater is operation.
2. Do not attempt to start heater if excess oil remains in the heat exchanger.
3. Use switch to shut down the heater. Do not try to shut down the heater by unplugging the electrical cord.
4. Do not plug anything other that the thermostat into the “Thermostat” plug.
5. Do not use any fuel other that those listed on rating plate.
6. Before removing any guards or performing any maintenance, be sure that the main power supply is disconnected.

LIGHT TOWER START UP

1. Raise mast to desired height

2. Start Genset

3. Turn on lights using 15 AMP breaker switch.

MAINTENANCE

1. **Every construction heater should be inspected before each use, and at least annually by a qualified service person. Incorrect maintenance my result in improper operation of the heater and serious injury could occur.**

2. The hose assemblies shall be visually inspected prior to each use of the heater. If it is evident 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.

3. The flow of combustion and ventilation air must not be obstructed. Be sure to check the fan assembly and ensure that the motor and blade are operating properly.

4. Compressed air should be used to keep components free of dust and dirt build up. Note: Do not use the compressed air inside any piping or regulator components.

5. Change fuel filter every 6 months.

6. Change oil nozzle (Part# FV-435WC) once per year.

7. Fan Limit Switch (Part# FV-407A) should be replaced if the fan motor does not shut off after the heat exchanger has cooled down.

8. The High Limit Switches (Part# FV-406 & FV-437) should be checked each season. These limit switches will ensure the burner shuts down if the temperature exceeds 150º F at rear of unit and 250º F at the outlet.

   NOTE: No.1 fuel oil or kerosene is recommended for temperatures below -10º C / 8º F.

11. Heat Exchanger should be cleaned if smokey conditions continue even after the air adjustments on the burner are made.

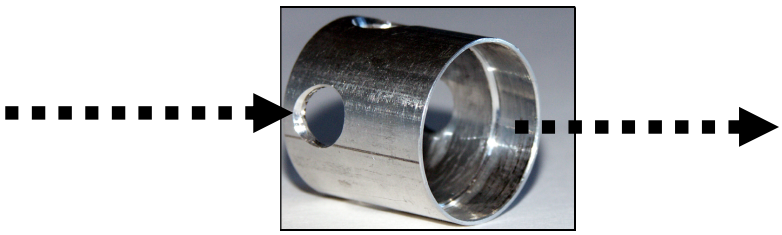
TEMPERATURE FEELER GAUGE ADJUSTMENT
(ATTACHED TO FAN SWITCH)

The temperature feeler gauge is required to be always touching the heater exchanger.

The temperature feeler gauge controls the air flow over the fan switch, which eliminates any unnecessary fan cycling. The temperature feeler gauge can be adjusted for different outside temperatures, by rotating the location of the temperature feeler gauge holes. This will provide maximum performance of the unit in different applications.

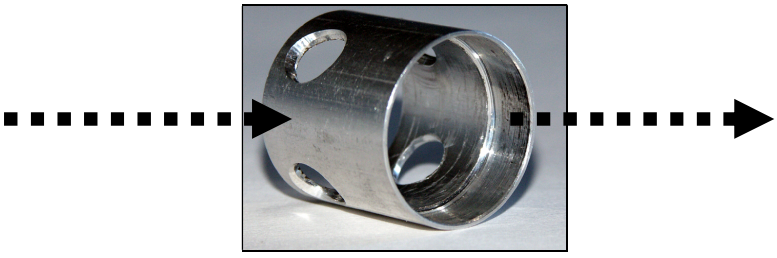
If supply air is warm (-5º C, indoor application):

Turn the temperature feeler gauge so that the holes are parallel with the heat exchanger. This will help the fan switch to remain cool and not overheat. See following:



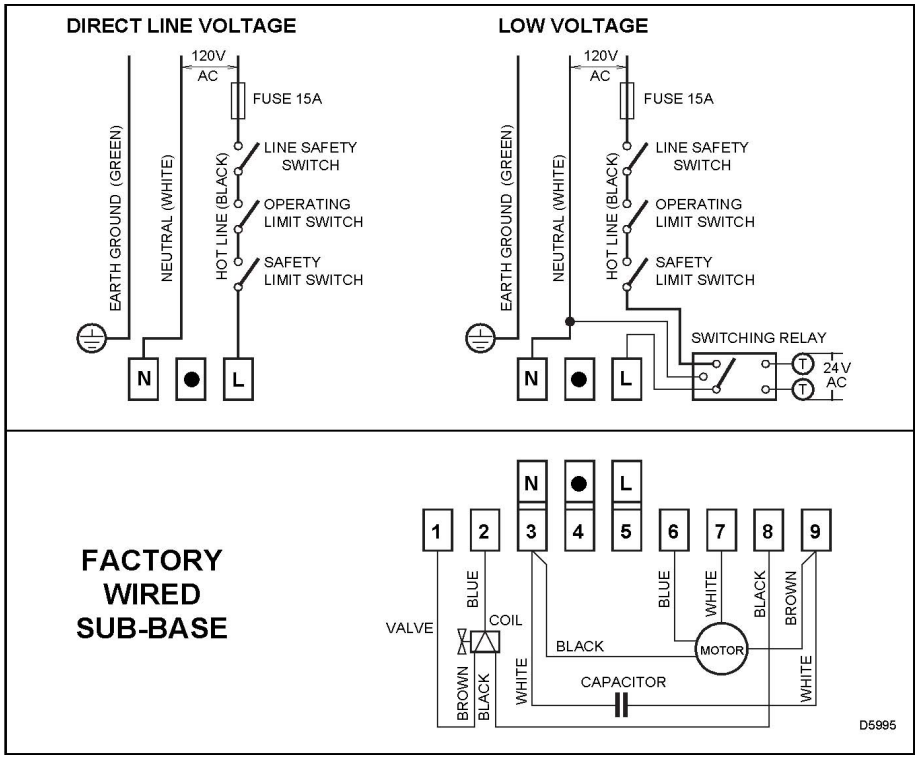
If supply air is cold (under -5ºC):

Turn the temperature feeler gauge so that the holes are closed off as the air goes over the heat exchanger. This will reduce fan cycling and the unit from shutting down. See following:



In extreme cold conditions, cover the holes on the temperature feeler gauge using foil tape or use part# FV-433B (solid feeler gauge). Ensure that the temperature feeler gauge is readjusted for warmer weather conditions. Failure to do so may result in burning out fan switches- not covered under warranty.

BURNER WIRING DIAGRAM



ELECTRICAL CONNECTIONS

It is advisable to leave the control box off the sub-base while completing the electrical connections to the burner.

1) Wire access hole
(Use BX electrical connector)

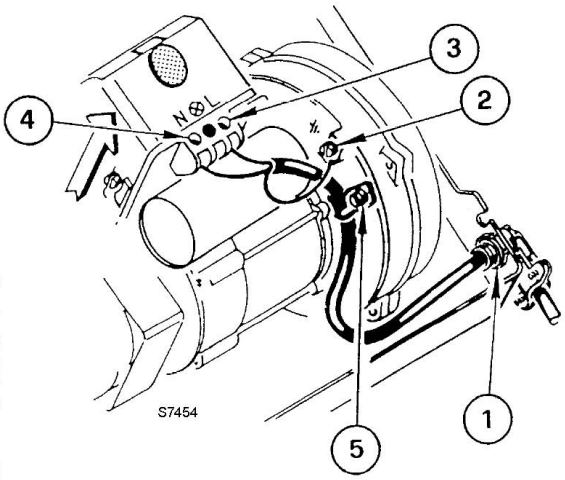
2) Earth ground conductor terminal
(GREEN WIRE)

3) Hot conductor terminal
(BLACK WIRE)

4) Neutral conductor terminal
(WHITE WIRE)

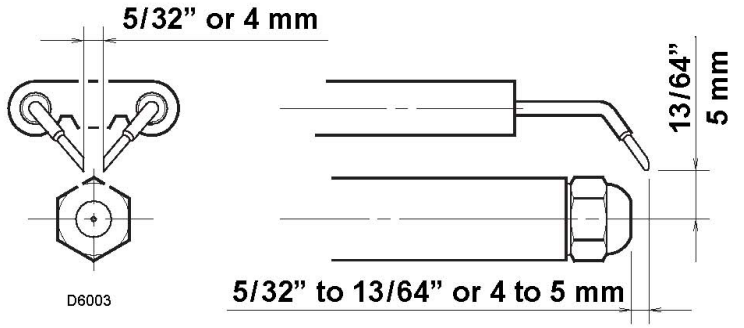
5) Strain relief clamp

WARNING: The hot (black) wire must be connected to the L terminal and the neutral (white) wire must be connected to the N terminal or the primary safety control will be damaged.
Do not connect either wire to the ⊗ Terminal.



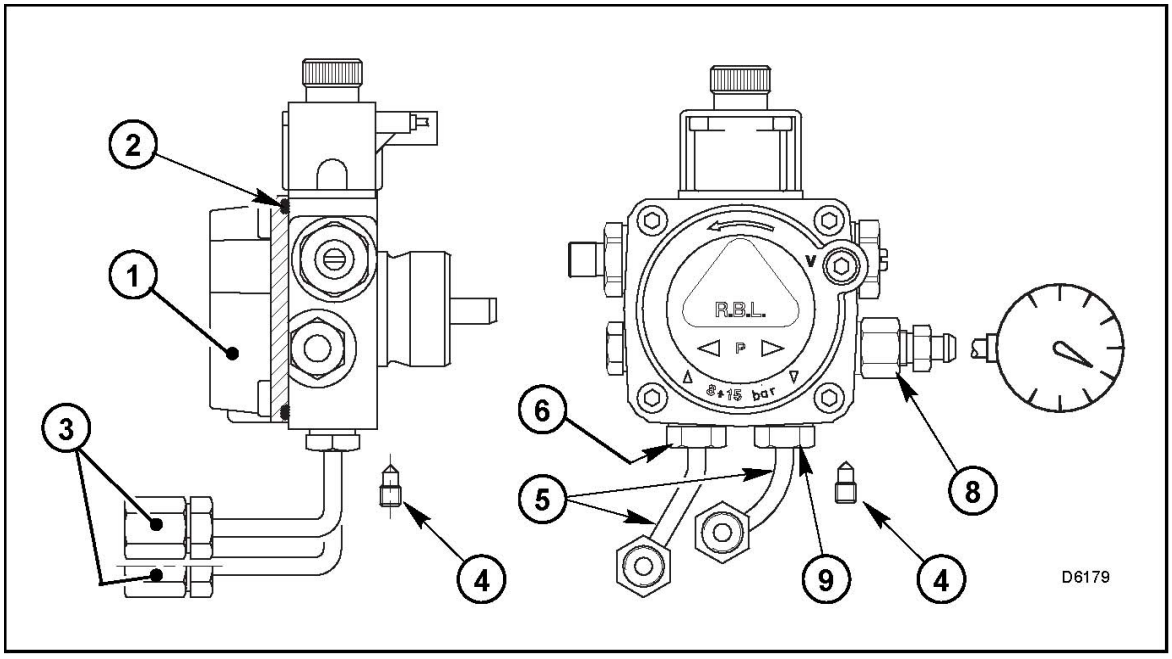
ELECTRODE SETTING

IMPORTANT:
THESE DIMENSIONS MUST BE OBSERVED AND VERIFIED.



OIL LINE CONNECTIONS

Note: Pump pressure must be set at time of burner start-up. A pressure gauge is attached to the PRESSURE PORT (8) for pressure readings. Two PIPE CONNECTORS (5) are supplied with the burner for connection to either a single or a two-pipe system. Also supplied are two ADAPTORS (3), two female 1/4" NPT, to adapt oil lines to burner pipe connectors. All pump port threads are British Parallel Thread design. Direct connection of NPT threads to the pump will damage the pump body. Riello manometers and vacuum gauges do not require any adaptors, and can be safely connected to the pump ports. An NPT (metric) adapter must be used when connecting other gauge models.



FVO-400LTRC – PARTS LIST
HARDWARE

DOOR LATCH

FMA-2312

BOLT ON HINGE

FV-450TR

BALL HITCH

FVO-437TR

PINTLE HITCH

FVO-438TR

SUPPORT JACK (FRONT)

FVO-435TR

SUPPORT JACK (REAR)

FVO-435STR

EMERGENCY BREAKAWAY KIT

FV-EBK

LICENSE PLATE LIGHT

FVO-439TR

SAFETY CHAINS (set)

FVO-436TR

MUFFLER & FLEX PIPE

FV-458TR/FV-459TR

VENT DEFLECTOR/
VENT PIPE

FV-464TR/FV-463TR

TAILPIPE

FV-457TR

OIL TANK CAP C/W CHAIN
(TC Approved)

FVO-417TR-1

OIL TANK FUEL GAUGE
(TC APPROVED)

FVO-416AGTR-1

BATTERY LOCK-OFF SWITCH

FV-462TR

BATTERY & TRAY/HARNESS

FV-460TR/FV-461TR

CSA DANDY GFI HOUSING
C/W GASKET (2020>)

FV-455TR-3

GFI RECEPTABLE

FV-454TR

WATER PROOF RECEPTACLE
COVER (2020>)

FV-455TR-1

DISTRIBUTION PANEL
(PANEL ONLY)

FV-451TRS

15/15 AMP BREAKER 2 POLE

FV-473TRS

FOR ALL LIGHT TOWER
PARTS,
PLEASE CONTACT HEATER
SALES
780-979-0220

FUSIBLE PLUG FOR TC TANK

FVO-490TR

CONTROL PANEL

MAGNETIC SWITCH

FVO-426TR

TEMPERATURE GAUGE

FVO-425TR

OIL PRESSURE GAUGE

FVO-427TR

VOLT METER

FVO-429TR

HOUR METER

FVO-430TR

IGNITION SWITCH

FVO-428TR

KUBOTA PARTS

SOLENOID PROTECTION MODULE

FVO-450TR-1

SUSA REMOTE FILTER HEAD

FVO-493TR

OIL FILTER- KUBOTA

FVO-451TR-1

FUEL FILTER- KUBOTA

FVO-452TR

FUEL SOLENOID- KUBOTA

FVO-453TR

LIFT PUMP - KUBOTA

FVO-454TR

SLAVE SOLENOID - KUBOTA

FVO-455TR

FAN BELT - KUBOTA

FVO-456TR

AIR FILTER - KUBOTA

FVO-457TR

ALTERNATOR- KUBOTA

FVO-458TR

STARTER - KUBOTA

FVO-459TR

ANTIFREEZE RESERVOIR - KUBOTA

FVO-460TR

LOW COOLANT LEVEL SHUTDOWN SWITCH YANMAR/KUBOTA

FVO-461TR-1

HEATER PARTS

HIGH LIMITS
FV-406 – 250 F
FV-437 - 150 F

ADJUSTABLE FAN LIMIT

FV-407A

TOGGLE SWITCH

FV-409

VOLT METER

FV-469

POWER INDICATOR LIGHT

FV-450SI

RED LIGHT

FV-411

THERMOSTAT
CONNECTION

FV-414B

IGNITION CONTROL

FV0-C700-1029

PHOTO CELL

FV0-20132573

FUEL PUMP

FVO-20136488

BURNER MOTOR

FV0-C7001034

ELECTRODE ASSEMBLY

FVO-3005891

OIL NOZZLE

FV-435WC 1.75 X 60W

FAN MOTOR

FV-401A

FAN BLADE

FV-402A

TIGERLOOP SYSTEM
C/W HOSES & FITTINGS

FVO-TLS

REPLACEMENT
OIL FILTER

FVO-TLFS

ALL HOSES NEED
TO BE MEASURED

PARTS LIST FOR FVO-400LTRC

HEATER PART LIST

Part Number	Part Description
FV-401A	PRIMARY FAN MOTOR - 1 H.P.
FV-402RC	16" BC IMPELLER
FV-404	18" POWER CORD C/W PLUG END
FV-405	SS HEAT EXCHANGER
40-113-D7GALV	1/2" X 7" GALVANIZED NIPPLE
40-108-8GALV	1/2" GALVANIZED CAP
FV-406	HIGH LIMIT SWITCH (250F OUTLET)
FV-407A	FAN LIMIT SWITCH (ADJUSTABLE)
FV-407G	FAN LIMIT SILICONE GASKET
FV-408RC	FAN MOTOR CANOPY
FV-408IFP	CANOPY INNER FACEPLATE
FV-408IC	CANOPY INLET RING 16"
FV-409	TOGGLE SWITCH (ON CONTROL BOX)
FV-411	RED LIGHT (ON CONTROL BOX)
FV-414B	THERMOSTAT PLUG (ON CONTROL BOX) 2011>
FV-415A	MALE CONNECTOR FOR FV-THB
FVO-415	RIELLO BURNER (OIL)
FVO-416ATRTC	300 US GALLON OIL TANK - TC APPROVED (STEEL)
FVO-416AGTR-1	FUEL GAUGE FOR FVO-1000TR (TC APPROVED TANK)) INCLUDES GASKET & SCREWS
FVO-417TR-1	FUEL CAP (TC APPROVED TANK)
FVO-TLS	TIGERLOOP SYSTEM C/W FILTER
FVO-TLSF	REPLACEMENT FILTER FOR TIGERLOOP
FV-431	BURNER GASKET
FV-433	FEELER GAUGE
FV-433B	FEELER GAUGE - SOLID
FV-434CB12	FRONT FACE PLATE (2 X 12")
FV-434CB16	FRONT FACE PLATE (1 X 16") - CUFF & BUCKLE
FV-434PL16	FRONT FACE PLATE (1 X 16") PIN LOCK
FV-435H	OIL BURNER NOZZLE (HI ALTITUDE) (1.75 X 60W)
FV-437	HIGH LIMIT (150F REAR)
FV-446	HEAT EXCHANGE SIGHT GLASS C/W FIBER GASKET

FV-447	HEAT EXCHANGER SIGHT GLASS WASHER
FV-448	MAIN RELAY
FV-450SI	POWER INDICATOR LIGHT
FV-461	PUMP INLET/OUTLET ADAPTER
FV-469	VOLT METER

TRAILER PARTS LIST

Part Number	Part Description
FV-EBK	EMERGENCY BREAKAWAY KIT
FV-403TR	205/75 R15 WHEEL AND TIRE
FMA-2312	DOOR LATCH ASSEMBLY
FV-450TR	BOLT ON HINGE
FV-463TR	VENT PIPE
FV-464TR	VENT DEFLECTOR
FV-465TR	LOCKING DOOR LATCH C/W RODS
FVO-435TR	REPLACEMENT JACK (FRONT)
FVO-435STR	REPLACEMENT JACK (REAR)
FVO-436TR	REPLACEMENT CHAINS
FVO-437TR	BALL HITCH
FVO-438TR	PINTLE HITCH

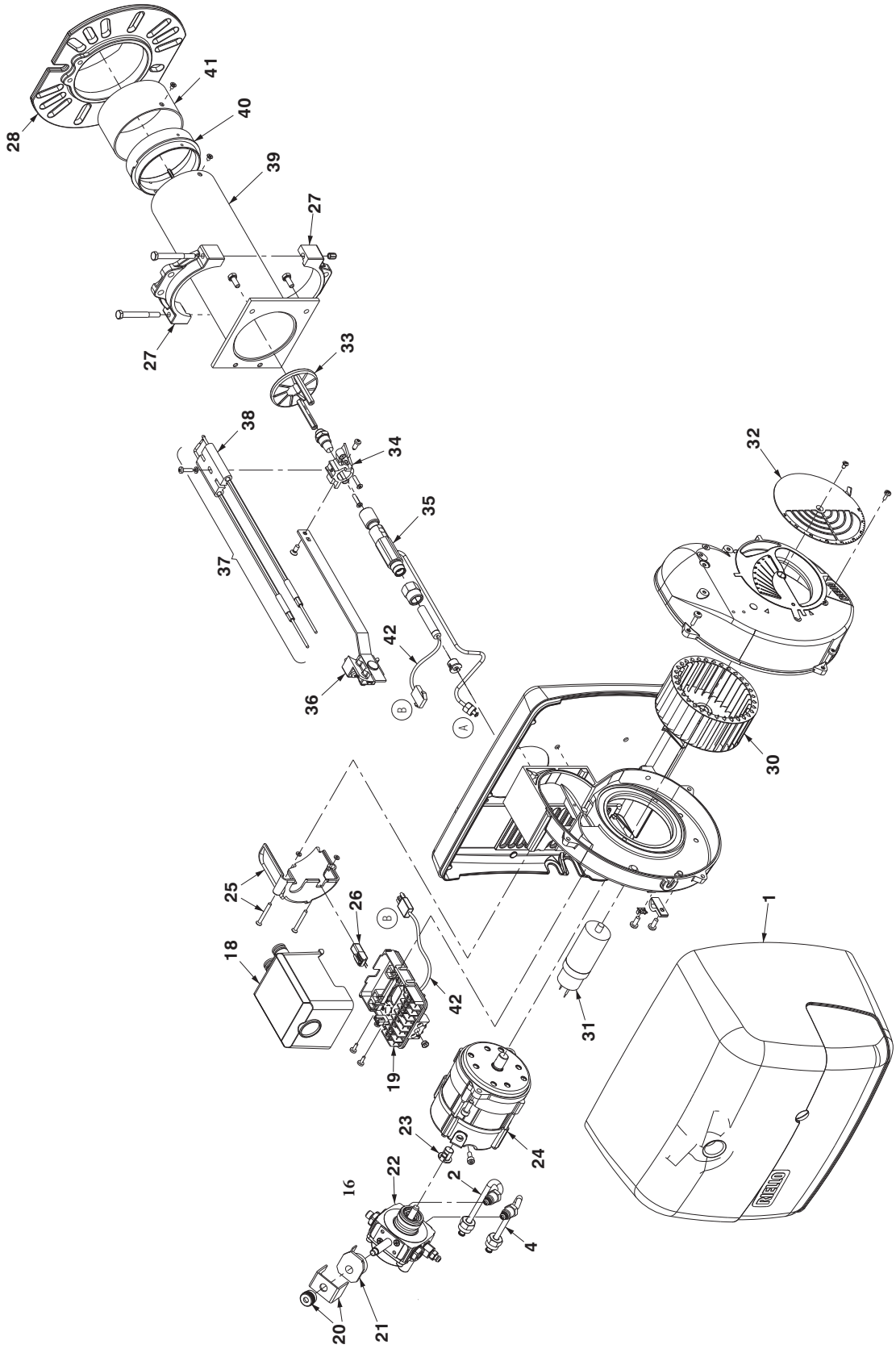
GENSET/ELECTRICAL PART LIST

Part Number	Part Description
FV-440TR-1	KILL SWITCH
FV-451TRS	DISTRIBUTION PANEL
FV-473TRS	HEATER BREAKER - 15 AMP 2 POLE
FV-454TR	115V GFI RECEPTACLE
FV-455TR-3	CSA DANDY GFI HOUSING C/W GASKET
FV-455TR-1	WEATHER PROOF RECEPTACLE COVER
FV-457TR	TAIL PIPE
FV-458TR	MUFFLER
FV-459TR	FLEX PIPE C/W CLAMPS FOR MUFFLER
FV-460TR	BATTERY
FV-461TR	BATTERY TRAY & HARNESS

FV-462TR	BATTERY LOCK-OFF COMPLETE
FVO-424TR	COMPLETE CONTROL PANEL
FVO-425TR	10' TEMPERATURE GAUGE- FVO-1000TR
FVO-426TR	MAGNETIC SWITCH
FVO-427TR	OIL PRESSURE GAUGE
FVO-428TR	IGNITION SWITCH C/W KEYS
FVO-429TR	VOLT METER
FVO-430TR	HOUR METER
FVO-432TR	COOLANT SHUT-OFF
FVO-450TR-1	SOLENOID POWER TIMER (2020 NEWER)
FVO-451TR-1	OIL FILTER
FVO-493TR	SUSA REMOTE FILTER HEAD (JUNE 2020)
FVO-452TR	FUEL FILTER
FVO-453TR	FUEL SOLENOID
FVO-454TR	LIFT PUMP
FVO-455TR	SLAVE SOLENOID
FVO-456TR	FAN BELT
FVO-457TR	AIR FILTER
FVO-458TR	ALTERNATOR
FVO-459TR	STARTER
FVO-460TR	ANTIFREEZE RESERVOIR
FVO-461TR-1	LOW COOLANT LEVEL SHUTDOWN SWITCH (2020 NEWER)

	ACCESSORIES
FV-HD12	12" X 12-FT HITEX VINYL DUCTING
FV-HD12x25	12" X 25-FT HITEX VINYL DUCTING
FV-HDG16	16" X 25-FT HITEX VINYL DUCTING
FV-HDV16	16" X 25-FT VENTFLEX VINYL DUCTING
FV-THB	THERMOSTAT C/W 25FT CORD/MALE PLUG END
FV-THB (15M)	THERMOSTAT C/W 50FT CORD/MALE PLUG END
FVO-C7001001	EMERGENCY SERVICE KIT
FVO-C7050010	VACUUM & PRESSURE TESTER MANIFOLD
FV-432	PRESSURE GAUGE ADAPTER/WITH PLUG

F-10 OIL FIRED BURNER - PARTS DIAGRAM



RIELLO BURNER F10 - PARTS LIST DIAGRAM		
N#	PART NUMBER	DESCRIPTION
1	FV-20136636-OIL	PLASTIC BURNER COVER C/W LABELS
2	FVO-3006992	SUPPLY LINE
4	FVO-3006993	RETURN LINE
16	FVO-3020076	PUMP ADAPTER FOR NOZZLE HOLDER FUEL LINE
18	FVO-C700-1029	IGNITION MODULE
19	FVO-3002278	SUB-BASE FOR IGNITION MODULE
20	FVO-3006553	COIL U-BRACKET C/W KNURLED NUT
21	FVO-3002279	PUMP COIL
22	FVO-20136488	BURNER PUMP
23	FVO-3000443	PUMP DRIVE KEY
24	FVO-C7001034	BURNER MOTOR
25	FVO-3007317	AIR TUBE COVER PLATE
26	FVO-20132573	PHOTO CELL
27	FVO-3005854	SEMI FLANGE
28	FVO-3005855	MOUNTING FLANGE
30	FV-3005788	BURNER FAN
31	FVO-3005844	BURNER CAPACITOR
32	FV-3007205	AIR DAMPER
33	FVO-3006978	TURBULATOR DISC
34	FVO-3006966	ELECTRODE SUPPORT
35	FVO-20136639	NOZZLE HOLDER
36	FVO-3005889	REGULATOR ASSEMBLY
37	FVO-3005891	ELECTRODE ASSEMBLY
38	FVO-3005869	ELECTRODE PORCELAIN
39	FVO-3006982	BLAST TUBE
40	FVO-3006983	END CONE ADAPTER
41	FVO-3006984	END CONE
42	FVO-20136491	PREHEATER

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