OPERATING INSTRUCTIONS MANUAL

(Please retain for future reference)

For

FVO-400 INDIRECT FIRED SPACE HEATERS



CERTIFIED FOR USE IN CANADA AND U.S.A.
As per CSA B140.8 Portable Oil Fired Heaters / CSA B140.02003 Oil Burning Equipment
Construction Heaters Unattended Type.

Issue date October 1, 2008



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.

WARNING:

NOT FOR HOME OR RECREATIONAL VEHICLE USE.

WARNING:

INTENDED USE IS PRIMARILY THE TEMPORARY HEATING OF BUILDINGS UNDER CONSTRUCTION, ALTERATION, REPAIR OR EMERGENCIES ONLY.

ALWAYS PROVIDE ADEQUATE VENTILATION. 1 SQ. IN. OF FRESH AIR MUST BE SUPPLIED FOR EVERY 1000 BTUH OF HEAT.

THIS HEATER SHALL BE INSTALLED SUCH THAT IT IS NOT DIRECTLY EXPOSED TO WATER SPRAY, AND/OR DRIPPING WATER.

This heater is designed and approved for use as a construction heater under CSA B140.8 Portable Oil Fired Heaters / CSA B140.02003 Oil Burning Equipment.

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.

SPECIFICATIONS

Model	FVO-400
Input	390,000 btuh
Fuel	No.1, No. 2, diesel or kerosene
Fuel Pressure	150 psi
Nozzle(Delavan)	2.25 x 45B
Ignition	Direct Spark
	Thermostat Control
Air Circulation	2500 cfm
Fuel Consumption	2.75 Gal/hr
Approved	cETLus listed

INSTALLATION:

The installation of this heater for use with No.1, No.2, Diesel or Kerosene and shall conform with local codes or, in the absence of codes, with the National Fuel Gas Code ANSI Z223.1/NFPA 54. Installation of the unit shall be in accordance with the regulations of the authorities having jurisdiction or the CSA Standard B139.

CLEARANCE TO COMBUSTIBLES:

<u>TOP</u>	<u>FRONT</u>	SIDES	REAR	<u>FLUE PIPE</u>
3 ft	10 ft	3 ft	3 ft	3 ft

FUEL: This heater will operate with No.1, No.2, Diesel or Kerosene.

Note: No.1 Fuel Oil or Kerosene must be used for

temperatures less than -10° C (8° F).

ELECTRICAL: WARNING Electrical Grounding Instructions

This appliance is equipped with a three-prong (grounding) plug for your protection against shock hazard and should be plugged directly into a properly grounded three-prong receptacle.

115v supply must be available. Please note that the heater requires 15 amps for proper operation. Ensure appropriate gauge extension cord is used.

- 12/3 AWG at 50 Feet
- 10/3 AWG at 100 Feet

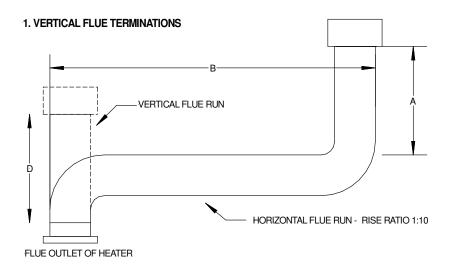
FLUE PIPE: Flue pipe connection must terminate with a vertical run at least 2ft long.

The vent outlet on the heater is 6" diameter. Certified venting must be used at all times. Vent cap should be installed in situations where downdrafts occur. All venting must

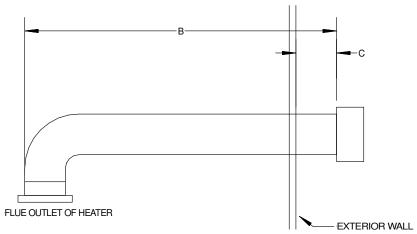
correspond with the CSA B149 standard or in its absence,

local codes.

FV SERIES CONSTRUCTION HEATER - VENTING REQUIREMENTS



2. HORIZONTAL FLUE TERMINATIONS



- A VENT TERMINATION MUST BE A MINIMUM OF 2FT HIGHER THAN ANY POINT WITHIN 10FT.
- B MAXIMUM HORIZONTAL RUN IS 30FT.

 NOTE: 90deg ELBOW = 10ft HORIZONTAL VENT ALLOWANCE

 45deg ELBOW = 5ft HORIZONTAL VENT ALLOWANCE
- C VENT TERMINATION IN HORIZONTAL POSITION MUST BE MINIMUM 4ft FROM ANY COMBUSTABLE SURFACE
- D EXTERIOR VERTICAL VENT TERMINATION MUST BE A MINIMUM OF 2ft.

NOTE: ALL VENT TERMINATIONS MUST HAVE A RAIN CAP INSTALLED AS PER LOCAL CODE REQUIREMENTS.

DUCTING:

Canvas heater duct with a minimum temperature handling of 300 deg F. including wire reinforcement to prevent collapsing. Heater is designed for use with 2 x 12" diameter ducts equipped with pin lock couplings (FV-D12).

Install ducting to outlet on the heater using pin-locks provided on collar of ducting. Ducting should be inspected periodically for tearing and/or wear marks. Ducting should be stored in a dry area when not in use

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. Service and Maintenance only to be performed by a qualified service person.
- 3. 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.
- 4. 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.
- Compressed air should be used to keep components free of dust and dirt build up. Note: <u>Do not</u> use the compressed air inside any piping or regulator components.
- 6. Change fuel filter insert (Part# FVO-419) once per month. Change fuel filter cartridge (Part# FVO-418) once every 6 months.
- 7. Change oil nozzle (Part# FV-435) once per year.
- 8. Fan Limit Switch (Part# FV-407A) should be replaced if the fan motor does not shut off after the heat exchanger has cooled down.
- 9. 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 150° F at rear of unit and 250° F at the outlet.
- 10. Fuel tank should be drained on a regular basis by removing drain plug.
- 11. **CAUTION** Do not have any source of ignition near the heater when draining tank.

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

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

START UP INSTRUCTIONS:

- 1. Be sure the switch in is the "OFF" position.
- 2. Ensure electrical cord is grounded and heater is on a level surface.
- 3. Plug in supply cord to 115V 15amp outlet.
- 4. Move switch to "MANUAL" position for manual control.
- 5. Move switch to "THERMOSTAT" position for thermostatic control.

Please Note:

- 1. If using Thermostat on unit, unit must be started in Thermostat position.
- 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. When using a generator for electrical supply, make sure the generator is properly grounded and generator is at a 60Hz frequency.
- 4. In the event that a Generator is being used and 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.

IF HEATER FAILS TO START:

- Press manual reset button at rear of burner.
- 2. Check fuel level. There must be 2-4 gallons of fuel in the tank for the heater to start properly.
- 3. Make sure there are no air locks in fuel lines or filter.
- 4. Ensure proper power supply and extension cord is being used.
- 5. Check for dirty fuel filter or blocked fuel supply line.
- 6. Check burner nozzle assembly.

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

DRAIN OIL FROM HEAT EXCHANGER USING DRAIN HOLE AT FRONT OF HEAT EXCHANGER FOR 15-20 MINUTES BEFORE ATTEMPTING TO RELIGHT. LET REMAINING EXCESS OIL 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. Follow electrical requirements shown on rating plate and/or Electrical requirements section of this manual.
- 7. Before removing any guards or performing any maintenance, be sure that the main power supply is disconnected.

COMBUSTION AIR ADJUSTMENTS:

NOTE: Proper combustion air adjustment must be achieved using a certified

combustion analyzer and smoke tester to ensure complete

combustion.

The air adjustment should be made to achieve 10% CO₂ 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 should be made plate according to Column 5 in the Burner Set-up Chart.
- 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.
- 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 CO₂ and a smoke reading of zero.

NOTE: Variations in flue gas, smoke, CO₂ 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.

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BURNER SET-UP CHART

1	2	3		4	5
ACTUAL FIRING RATE ± 5%	NOZZLE SIZE	PUMP PRES	SSURE	TURBULATOR SETTING	AIR DAMPER
GPH	GPH	PSI	BAR	OLITING	SETTING
2.75	2.25 x 45°	150	10	5	4 - 6

^{*} Note – Air damper setting is typically set at 4 for operation in colder temperatures. A combustion analyzer should always be used when setting the the burner.

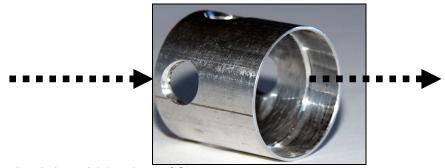
TEMPERATURE FEELER GAUGE ADJUSTMENT (ATTACHED TO FAN SWITCH)

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 (-5° 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 -5° C):

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. 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.

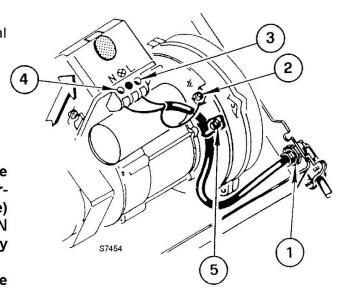
ELECTRICAL CONNECTIONS

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

- 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

⊘Terminal.

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



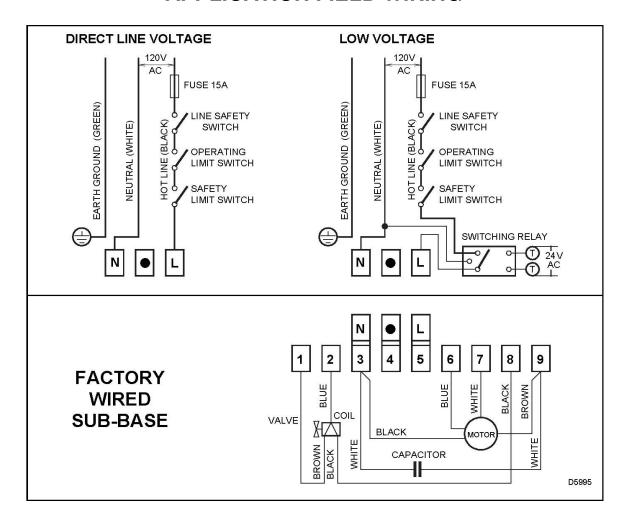
The burner may be controlled using either a DIRECT LINE VOLTAGE control circuit (120V AC 60 cycle) **OR** a LOW VOLTAGE control (24V AC 60 cycle) using a R8038A Honeywell switching relay or equivalent.

Using the appropriate diagram below, make electrical connections to the burner. All wiring must be done in accordance with existing electrical codes, both national and local.

When all electrical connections have been made, the control box may be put back in place on the sub-base.

WARNING: DO NOT activate burner until proper oil line connections have been made, or failure of the pump shaft seal may occur.

APPLICATION FIELD WIRING

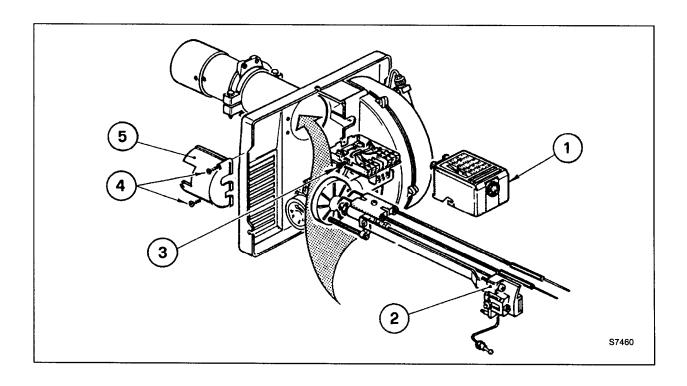


REMOTE SENSING OF SAFETY LOCKOUT: The SAFETY SWITCH in the 530SE CONTROL BOX is equipped with a contact allowing remote sensing of burner lockout. The electrical connection is made at terminal 4 (●) on the SUB-BASE. Should lockout occur the 530SE CONTROL BOX will supply a power source of 120Vac to the connection terminal. The maximum allowable current draw on this terminal (4) is 1 Amp.

WARNING: If a neutral or ground lead is attached to this terminal, the CONTROL BOX on the burner will be damaged should lockout occur.

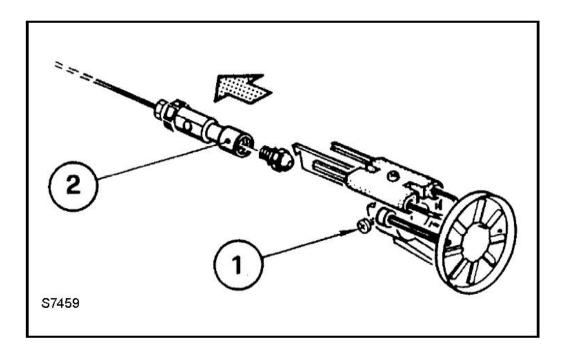
INSERTION / REMOVAL OF DRAWER ASSEMBLY

- 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.



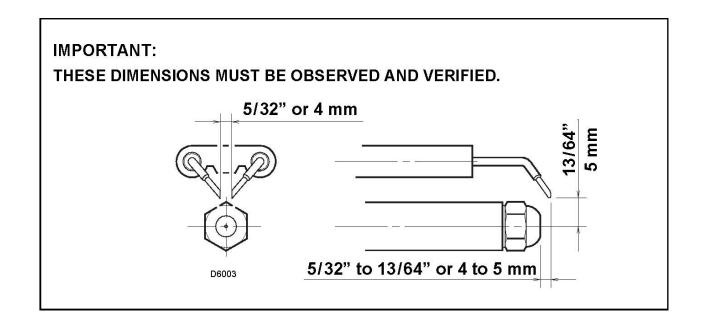
NOZZLE PLACEMENT

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).

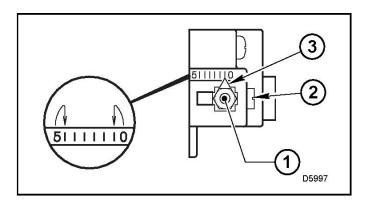
ELECTRODE SETTING



TURBULATOR SETTING

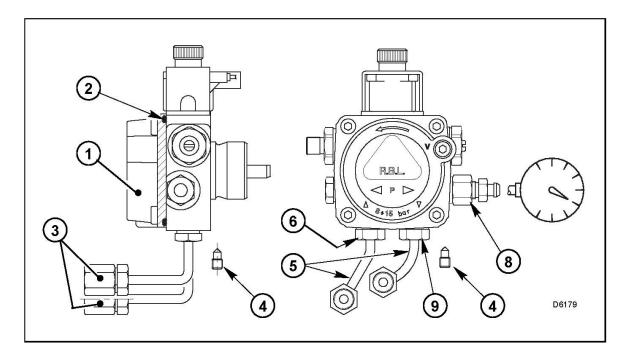
- A) Loosen NUT (1), then turn SCREW (2) until the INDEX MARKER (3) is aligned with the correct index number as per the Burner Set-up chart, on page 12.
- **B)** Retighten the RETAINING NUT (1)

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



OIL LINE CONNECTIONS

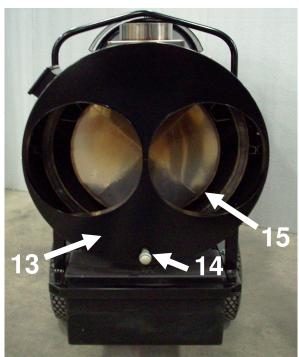
Note: Pump pressure must be set at time of burner start-up. A pressure gauge is attached to the PRESSURE PORT (8) for pressure readings. Two PIPE CONNECTORS (5) are supplied with the burner for connection to either a single or a two-pipe system. Also supplied are two ADAPTORS (3), two female 1/4" NPT, 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.







Front





Fan Limit Switch accessories



Oil Filter

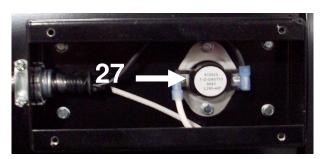


Rear Limit Switch Box



Control Box

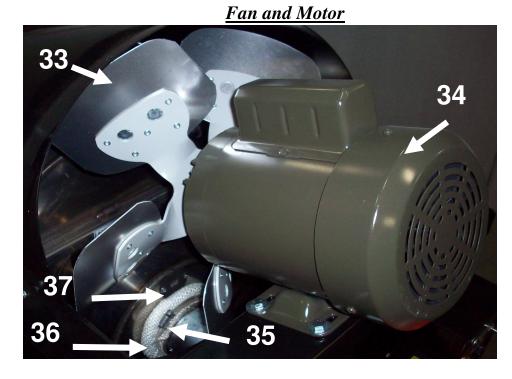
Front Limit Switch Box





Inside Control Box





	Item #	<u>Description</u>	<u>P/N</u>	
	1	Fan Motor Canopy	FV-408	
_	2	Lifting Harness	FV-438	
_	3	High Limit Box (Single Hole)	FV-P11	
_	4	48 US Gallon Oil Tank	FVO-416	
_	5	16 " Wheel	FV-403	
_	6	Oil Tank Cap	FVO-417	•
_	7	Fan Limit Box (Double Hole)	FV-P10	•
_	8	Oil Frame	FVO-FR	
	9	Legs	FV-P13	
	10	18" Power Cord	FV-404	
	11	Control Box	FV-P08	
	12	Riello Burner F-10	FVO-415	
_	13	Front Duct Outlet Panel	FV-434	
_			40-113-	40-108-
_	14	1/2 X 7" GALV NIPPLE & CAP	D7GALV	8GALV
_	15	SS Heat Exchanger	FV-405	•
_	16	3/8 On/Off Ball Valve	2103-C-CGA	•
_	17	Fuel Filter (complete)	FVO-418	•
_	18	Oil Fuel Line 7" (Filter to Burner)	FVO-421A	•
_	19	Brass Elbow with Copper Line	FVO-423	i
_	20	Oil Fuel Return line 10 1/2 " (Burner to Tank)	FVO-422A	•
_	21	Oil Fuel line 15" (Tank to Filter)	FVO-420A	•
_	22	Fan Limit Silicone Gasket	FV-407G	ı
_	23	Solid Feeler Gauge	FV-433B	ı
_	24	Feeler Gauge	FV-433	ı
_	25	High Limit (Rear) 150 F	FV-437	•
_	26	Fan Limit Switch (Adjustable)	FV-407A	•
_	27	High Limit Switch (Outlet) 290 F	FV-406	ı
_	28	Power Indicator Light (on control box)	FV-449SI	i
_	29	Toggle Switch (on control box)	FV-409	i
_	30	Red Light (on control box)	FV-411	i
_	31	Thermostat Plug (on control box) 2011>	FV-414B	i
_	32	Main Relay	FV-448	i
_	33	16" Fan Blade	FV-402	i
_	34	3/4 H.P. Fan Motor	FV-401	i
_	35	Burner Gasket Clamp	HC5-64	i
_	36	Burner Gasket	FV-431	<u>.</u>
_	37	Sight Glass w/Gasket	FV-446/FV-447	7
_	38	12" X 12 FT HiTex Vinyl Ducting	FV-HD12	•
_	39	Thermostat w/ 25Ft Cord - Female Plug 2008>	FV-THA	A (004)
	40	Thermostat w/ 25Ft Cord - Male Plug 2011>	FV-THB	As of 2011

Accessories







POWER SUPPLY INDICATOR LIGHT - FVO-400 & FVNP-400 & FVO-200 & FVNP-200

Control Box



- * The power supply indicator light will help you detect any faulty power supplied to the heater.
- * The power supply indicator light will detect various power supply issues such as; gounding issues or reverse Polarity or missing connections

Warning Light Indications

The smart indicator can detect and display the following fault conditions:

Green Light

Meets Power Requirements

Solid Red Light

Reverse Polarity

Flashing Red Light

Ground or Neutral issue

** ATTENTION**

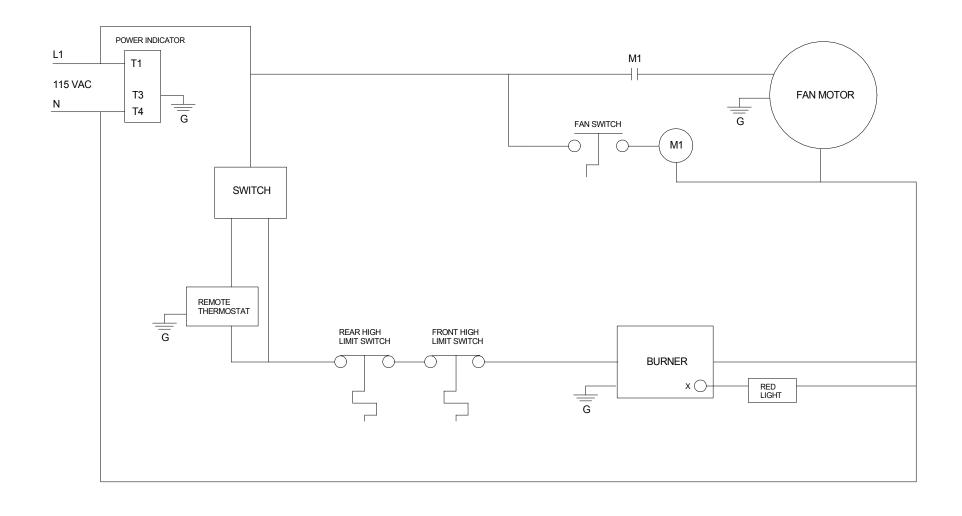
IF RED LIGHT IS INDICATED, MAKE CORRECTIONS TO POWER SUPPLY BEFORE TURNING HEATER ON. FAILURE TO DO SO.

WILL VOID ANY WARRANTY



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FV-400 SERIES - WIRING SCHEMATIC 2011



	FLAGRO INDUSTRIES LIMITEI	J
TITLE:	FVO-400 - WIRING SCHEMATIC	DWG. NO. FV-400 WS 2011

PARTS LIST FOR FVO-400

Part Number	Part Description
FV-401	PRIMARY FAN MOTOR
FV-402	16" FAN BLADE
FV-403	16" WHEEL
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 (OUTLET)
FV-407A	FAN LIMIT SWITCH (ADJUSTABLE)
FV-407G	FAN LIMIT SILICONE GASKET
FV-408	FAN MOTOR CANOPY
FV-409	TOGGLE SWITCH (ON CONTROL BOX)
FV-410	GREEN LIGHT (ON CONTROL BOX) PRIOR TO 2009
FV-411	RED LIGHT (ON CONTROL BOX)
FV-414	THERMOSTAT PLUG (ON CONTROL BOX)
FV-414A	THERMOSTAT PLUG (ON CONTROL BOX) 2008>
FV-414B	THERMOSTAT PLUG (ON CONTROL BOX) 2011>
FV-415	FEMALE CONNECTOR FOR FV-THA
FV-415A	MALE CONNECTOR FOR FV-THB
FVO-415	RIELLO BURNER (OIL)
FV-416	48 US GALLON OIL TANK (STEEL)
FV-416A	42 US GALLON OIL TANK (POLY TANK)
FVO-416H	42 US GALLON OIL TANK HARNESS (POLY TANK)
FVO-416G	FUEL GAUGE (PLOY TANK)
FVO-417	OIL TANK CAP (STEEL)
FVO-417B	OIL TANK CAP (POLY TANK)
121-B	OIL TANK DRAIN PLUG (FOR STEEL TANK)
40-121-6GALV	OIL TANK DRAIN PLUG (FOR POLY TANK)
FVO-418	FUEL FILTER (COMPLETE)
FVO-419	FUEL FILTER (INSERT ONLY)
FVO-420	OIL FUEL LINE 15" (TANK TO FILTER) - YELLOW
FVO-421	OIL FUEL LINE 7" (FILTER TO BURNER) - YELLOW

FVO-4220 OIL FUEL RETURN LINE 10.5" (BURNER TO TANK) - YELLOW FVO-420A CLEAR FUEL LINE 14" (TANK TO FILTER) FVO-421A CLEAR FUEL LINE 14" (BURNER TO TANK) 48-6C BRASS FITTING (POLY TANK TO FILTER) 2103-C-CGA 38" SHUT OFF VALVE 122-C 38" BRASS HEX NIPPLE 122-C 38" BRASS HEX NIPPLE 129-C 38" MFY 3.8" M-FL BRASS ELBOW 49-6B 1/4" MP X 3/8" M-FL BRASS ELBOW 49-6B 1/4" MP X 3/8" M-FL BRASS ELBOW FVO-423 PICK UP TUBE (STEEL TANK) FV-431 BURNER GASKET FV-433 FEELER GAUGE FV-434 FRONT FACE PLATE (2 X 12") FV-434 FRONT FACE PLATE (2 X 12") FV-435 OIL BURNER NOZZLE (2.25 X 45B) FV-436 OIL BURNER NOZZLE (HI ALTITUDE) (1.75 X 60W) FV-436 SUPPORT LEG (STEEL TANK) FV-436 SUPPORT LEG (STEEL TANK) FV-437 HIGH LIMIT (REAR) FV-438 LIFTING HARNESS FV-439 CIRCUIT BREAKER IS AMPS (2006 TO 2008 ONLY) FV-440 WHEEL AXLE - (STEEL TANK) FV-441 SIGHT GLASS CW FIBER GASKET FV-442 SMANT INDICATOR - 2009 > FV-4438 MAIN RELAY FV-4448 MAIN RELAY FV-449 SMART INDICATOR - 2009 > FV-4451 PUMP INJECTION FV-4451 PUMP INJECTION FV-4451 PUMP INJECTION FV-446 SIGHT GLASS WASHER FV-447 SMANT INDICATOR - 2009 > FV-448 PUMP DRIVE KEY FV-30002278 SUB-BASE FOR BURNER FVO-30002278 PHOTO CELL FVO-30002844 CAPACITOR	E) (C) 100	ON EVEL BETURNANE 40 EN PURNER TO TANKO MEN OW
FVO-421A CLEAR FUEL LINE 6.5" (FILTER TO BURNER)	FVO-422	OIL FUEL RETURN LINE 10.5" (BURNER TO TANK) - YELLOW
FVO-422A CLEAR FUEL LINE 14" (BURNER TO TANK)		
48-6C BRASS FITTING (POLY TANK TO FILTER) 2103-C-CGA 3/8" SHUT OFF VALVE 122-C 3/8" BRASS HEX NIPPLE 49-6C 3/8" MP X 3/8" M.FL BRASS ELBOW 49-6B 1/4" MP X 3/8" M.FL BRASS ELBOW FVO-423 PICK UP TUBE (STEEL TANK) FV-431 BURNER GASKET FV-433 FEELER GAUGE FV-434 FRONT FACE PLATE (2 X 12") FV-434 FRONT FACE PLATE (2 X 12") FV-435 OIL BURNER NOZZLE (2.25 X 45B) FV-435 OIL BURNER NOZZLE (1 X 16") FV-435WC OIL BURNER NOZZLE (1 T3 X 60W) FV-435WC OIL BURNER NOZZLE (2.00 X 60W) FV-436 SUPPORT LEG (STEEL TANK) FV-436 SUPPORT LEG (FOLY TANK) FV-437 HIGH LIMIT (REAR) FV-438 LIFTING HARNESS FV-439 CIRCUIT BREAKER 15 AMPS (2006 TO 2008 ONLY) FV-440 WHEEL AXLE - (FOLY TANK) FV-444 SIGHT GLASS CW FIBER GASKET FV-449SI SMART INDICATOR - 2009 > FV-449SI DAMP INLET/OUTLET ADAPTER FV-30002279 COIL FVO-30002279 COIL FVO-3002279 COIL FVO-3002279 COIL		
2103-C-CGA 3/8" SHUT OFF VALVE 122-C 3/8" BRASS HEX NIPPLE 49-6C 3/8" MP X 3/8" M.FL BRASS ELBOW 49-6B 1/4" MP X 3/8" M.FL BRASS ELBOW FVO-423 PICK UP TUBE (STEEL TANK) FV-431 BURNER GASKET FV-433 FEELER GAUGE FV-433B FEELER GAUGE - SOLID FV-434 FRONT FACE PLATE (2 X 12") FV-434A FRONT FACE PLATE (1 X 16") FV-435 OIL BURNER NOZZLE (1.75 X 60W) FV-435H OIL BURNER NOZZLE (1.75 X 60W) FV-435WC OIL BURNER NOZZLE (1.75 X 60W) FV-435B OIL BURNER NOZZLE (2.00 X 60W) FV-435B OIL BURNER NOZZLE (2.00 X 60W) FV-436A SUPPORT LEG (STEEL TANK) FV-436 SUPPORT LEG (FOLY TANK) FV-436 LIFTING HARNESS FV-439 CIRCUIT BREAKER 15 AMPS (2006 TO 2008 ONLY) FV-440 WHEEL AXLE - (FOLY TANK) FV-446 SIGHT GLASS G/W FIBER GASKET FV-447 SIGHT GLASS G/W FIBER GASKET FV-448 SMART INDICATOR - 2009 > FV-449SI SMART INDICATOR - 2009 > FV-449SI SUB-BASE FOR BURNER FVO-30002279 COIL FVO-3002279 COIL FVO-3002279 COIL	FVO-422A	CLEAR FUEL LINE 14" (BURNER TO TANK)
122-C 3/8" BRASS HEX NIPPLE 49-6C 3/8" MP X 3/8" M.FL BRASS ELBOW 49-6B 1/4" MP X 3/8" M.FL BRASS ELBOW FV0-423 PICK UP TUBE (STEEL TANK) FV-431 BURNER GASKET FV-433 FEELER GAUGE FV-433 FEELER GAUGE FV-434 FRONT FACE PLATE (2 X 12") FV-434 FRONT FACE PLATE (2 X 12") FV-435 OIL BURNER NOZZLE (1 X 16") FV-435 OIL BURNER NOZZLE (1 X 16") FV-435 OIL BURNER NOZZLE (1.75 X 60W) FV-435 OIL BURNER NOZZLE (2.25 X 45B) FV-435 OIL BURNER NOZZLE (2.00 X 60W) FV-436 SUPPORT LEG (STEEL TANK) FV-436 SUPPORT LEG (POLY TANK) FV-437 HIGH LIMIT (REAR) FV-438 LIFTING HARNESS FV-439 CIRCUIT BREAKER 15 AMPS (2006 TO 2008 ONLY) FV-440 WHEEL AXLE - (STEEL TANK) FV-446 SIGHT GLASS CW FIBER GASKET FV-447 SIGHT GLASS CW FIBER GASKET FV-448 MAIN RELAY FV-448 MAIN RELAY FV-448 SMART INDICATOR - 2009 > FV-449 PUMP INLET/OUTLET ADAPTER FVO-30002279 COIL FVO-3002279 COIL FVO-3002270 PHOTO CELL	48-6C	BRASS FITTING (POLY TANK TO FILTER)
49-6C 3/8" MP X 3/8" M.FL BRASS ELBOW 49-6B 1/4" MP X 3/8" M.FL BRASS ELBOW FVO-423 PICK UP TUBE (STEEL TANK) FV-431 BURNER GASKET FV-433 FEELER GAUGE FV-433B FEELER GAUGE - SOLID FV-434 FRONT FACE PLATE (2 X 12") FV-434A FRONT FACE PLATE (1 X 16") FV-434A FRONT FACE PLATE (1 X 16") FV-435H OIL BURNER NOZZLE (1.25 X 45B) FV-435H OIL BURNER NOZZLE (1.75 X 60W) FV-435WC OIL BURNER NOZZLE (1.75 X 60W) FV-436 SUPPORT LEG (STEEL TANK) FV-436 SUPPORT LEG (STEEL TANK) FV-437 HIGH LIMIT (REAR) FV-438 LIFTING HARNESS FV-439 CIRCUIT BREAKER 15 AMPS (2006 TO 2008 ONLY) FV-440 WHEEL AXLE - (FOLY TANK) FV-440 WHEEL AXLE - (FOLY TANK) FV-444 SIGHT GLASS CW FIBER GASKET FV-447 SIGHT GLASS CW FIBER GASKET FV-448 MAIN RELAY FV-448 MAIN RELAY FV-448 SMART INDICATOR - 2009 > FV-446 PUMP INLET/OUTLET ADAPTER FVO-30002278 SUB-BASE FOR BURNER FVO-30002279 COIL FVO-3002280 PHOTO CELL	2103-C-CGA	3/8" SHUT OFF VALVE
49-6B 1/4" MP X 3/8" M.FL BRASS ELBOW FVO-423 PICK UP TUBE (STEEL TANK) FV-431 BURNER GASKET FV-433 FEELER GAUGE FV-433B FEELER GAUGE - SOLID FV-434 FRONT FACE PLATE (2 X 12") FV-434A FRONT FACE PLATE (1 X 16") FV-435 OIL BURNER NOZZLE (2.25 X 45B) FV-435W OIL BURNER NOZZLE (HI ALTITUDE) (1.75 X 60W) FV-435W OIL BURNER NOZZLE (HI ALTITUDE) (1.75 X 60W) FV-435W OIL BURNER NOZZLE (2.00 X 60W) FV-436 SUPPORT LEG (STEEL TANK) FV-436 SUPPORT LEG (POLY TANK) FV-437 LIFTING HARNESS FV-439 CIRCUIT BREAKER 15 AMPS (2006 TO 2008 ONLY) FVO-440 WHEEL AXLE - (STEEL TANK) FV-446 SIGHT GLASS CW FIBER GASKET FV-447 SIGHT GLASS WASHER FV-448 MAIN RELAY FV-448 MAIN RELAY FV-449SI SMART INDICATOR - 2009 > FV-461 PUMP INLET/OUTLET ADAPTER FVO-30002278 SUB-BASE FOR BURNER FVO-3002279 COIL FVO-3002279 COIL	122-C	3/8" BRASS HEX NIPPLE
FVO-423 PICK UP TUBE (STEEL TANK) FV-431 BURNER GASKET FV-433 FEELER GAUGE FV-4348 FEELER GAUGE - SOLID FV-434 FRONT FACE PLATE (2 X 12") FV-434A FRONT FACE PLATE (1 X 16") FV-435 OIL BURNER NOZZLE (2.25 X 45B) FV-435H OIL BURNER NOZZLE (HI ALTITUDE) (1.75 X 60W) FV-435WC OIL BURNER NOZZLE (2.00 X 60W) FV-435B OIL BURNER NOZZLE (2.00 X 60W) FV-436 SUPPORT LEG (STEEL TANK) FV-436 SUPPORT LEG (POLY TANK) FV-437 HIGH LIMIT (REAR) FV-438 LIFTING HARNESS FV-439 CIRCUIT BREAKER 15 AMPS (2006 TO 2008 ONLY) FV-440 WHEEL AXLE - (STEEL TANK) FV-440 WHEEL AXLE - (FOLY TANK) FV-446 SIGHT GLASS C/W FIBER GASKET FV-448 MAIN RELAY FV-449SI SMART INDICATOR - 2009 > FV-461 PUMP INLET/OUTLET ADAPTER FVO-3002278 SUB-BASE FOR BURNER FVO-3002279 COIL FVO-3002280 PHOTO CELL	49-6C	3/8" MP X 3/8" M.FL BRASS ELBOW
FV-431 BURNER GASKET FV-433 FEELER GAUGE FV-433B FEELER GAUGE FV-4344 FRONT FACE PLATE (2 X 12") FV-434A FRONT FACE PLATE (1 X 16") FV-435 OIL BURNER NOZZLE (2.25 X 45B) FV-435H OIL BURNER NOZZLE (HI ALTITUDE) (1.75 X 60W) FV-435WC OIL BURNER NOZZLE (1.75 X 60W) FV-435B OIL BURNER NOZZLE (2.00 X 60W) FV-436B SUPPORT LEG (STEEL TANK) FV-436 SUPPORT LEG (POLY TANK) FV-437 HIGH LIMIT (REAR) FV-438 LIFTING HARNESS FV-439 CIRCUIT BREAKER 15 AMPS (2006 TO 2008 ONLY) FV-440 WHEEL AXLE - (STEEL TANK) FV-440 WHEEL AXLE - (POLY TANK) FV-440 WHEEL AXLE - (POLY TANK) FV-446 SIGHT GLASS C/W FIBER GASKET FV-447 SIGHT GLASS WASHER FV-448 MAIN RELAY FV-449SI SMART INDICATOR - 2009 > FV-461 PUMP INLET/OUTLET ADAPTER FVO-3000443 PUMP DRIVE KEY FVO-3000278 SUB-BASE FOR BURNER FVO-3002279 COIL FVO-3002280 PHOTO CELL	49-6B	1/4" MP X 3/8" M.FL BRASS ELBOW
FV-433 FEELER GAUGE FV-434B FEELER GAUGE - SOLID FV-434 FRONT FACE PLATE (2 X 12") FV-435A FRONT FACE PLATE (1 X 16") FV-435B OIL BURNER NOZZLE (2.25 X 45B) FV-435H OIL BURNER NOZZLE (HI ALTITUDE) (1.75 X 60W) FV-435WC OIL BURNER NOZZLE (2.00 X 60W) FV-435B OIL BURNER NOZZLE (2.00 X 60W) FV-436 SUPPORT LEG (STEEL TANK) FV-436 SUPPORT LEG (POLY TANK) FV-437 HIGH LIMIT (REAR) FV-438 LIFTING HARNESS FV-439 CIRCUIT BREAKER 15 AMPS (2006 TO 2008 ONLY) FV-440 WHEEL AXLE - (STEEL TANK) FV-440 WHEEL AXLE - (STEEL TANK) FV-446 SIGHT GLASS CW FIBER GASKET FV-447 SIGHT GLASS WASHER FV-448 MAIN RELAY FV-449SI SMART INDICATOR - 2009 > FV-441 PUMP INLET/OUTLET ADAPTER FVO-30002278 SUB-BASE FOR BURNER FVO-3002279 COIL FVO-3002280 PHOTO CELL	FVO-423	PICK UP TUBE (STEEL TANK)
FV-433B FEELER GAUGE - SOLID FV-434 FRONT FACE PLATE (2 X 12") FV-434A FRONT FACE PLATE (1 X 16") FV-435 OIL BURNER NOZZLE (2.25 X 45B) FV-435H OIL BURNER NOZZLE (HI ALTITUDE) (1.75 X 60W) FV-435WC OIL BURNER NOZZLE (2.00 X 60W) FV-435B OIL BURNER NOZZLE (2.00 X 60W) FV-436A SUPPORT LEG (STEEL TANK) FV-436 SUPPORT LEG (POLY TANK) FV-437 HIGH LIMIT (REAR) FV-438 LIFTING HARNESS FV-439 CIRCUIT BREAKER 15 AMPS (2006 TO 2008 ONLY) FV-439 WHEEL AXLE - (STEEL TANK) FV0-440 WHEEL AXLE - (POLY TANK) FV-446 SIGHT GLASS C/W FIBER GASKET FV-447 SIGHT GLASS WASHER FV-448 MAIN RELAY FV-449SI SMART INDICATOR - 2009 > FV-449SI SMART INDICATOR - 2009 > FV-30002478 SUB-BASE FOR BURNER FVO-3002279 COIL FVO-3002280 PHOTO CELL	FV-431	BURNER GASKET
FV-434 FRONT FACE PLATE (2 X 12") FV-434A FRONT FACE PLATE (1 X 16") FV-435 OIL BURNER NOZZLE (2.25 X 45B) FV-435H OIL BURNER NOZZLE (HI ALTITUDE) (1.75 X 60W) FV-435WC OIL BURNER NOZZLE (1.75 X 60W) FV-435B OIL BURNER NOZZLE (2.00 X 60W) FV-436 SUPPORT LEG (STEEL TANK) FV-436 SUPPORT LEG (POLY TANK) FV-437 HIGH LIMIT (REAR) FV-438 LIFTING HARNESS FV-439 CIRCUIT BREAKER 15 AMPS (2006 TO 2008 ONLY) FVO-440 WHEEL AXLE - (STEEL TANK) FV-446 SIGHT GLASS C/W FIBER GASKET FV-447 SIGHT GLASS WASHER FV-448 MAIN RELAY FV-449SI SMART INDICATOR - 2009 > FV-3000443 PUMP INLET/OUTLET ADAPTER FVO-3000278 SUB-BASE FOR BURNER FVO-3002279 COIL FVO-3002280 PHOTO CELL	FV-433	FEELER GAUGE
FV-434A FRONT FACE PLATE (1 X 16") FV-435 OIL BURNER NOZZLE (2.25 X 45B) FV-435H OIL BURNER NOZZLE (HI ALTITUDE) (1.75 X 60W) FV-435WC OIL BURNER NOZZLE (1.75 X 60W) FV-435B OIL BURNER NOZZLE (2.00 X 60W) FV-436 SUPPORT LEG (STEEL TANK) FV-436A SUPPORT LEG (POLY TANK) FV-437 HIGH LIMIT (REAR) FV-438 LIFTING HARNESS FV-439 CIRCUIT BREAKER 15 AMPS (2006 TO 2008 ONLY) FVO-440 WHEEL AXLE - (STEEL TANK) FVO-440A WHEEL AXLE - (POLY TANK) FV-446 SIGHT GLASS C/W FIBER GASKET FV-447 SIGHT GLASS WASHER FV-448 MAIN RELAY FV-449SI SMART INDICATOR - 2009 > FV-461 PUMP INLET/OUTLET ADAPTER FVO-30002478 SUB-BASE FOR BURNER FVO-3002279 COIL FVO-3002280 PHOTO CELL	FV-433B	FEELER GAUGE - SOLID
FV-435 OIL BURNER NOZZLE (2.25 X 45B) FV-435H OIL BURNER NOZZLE (HI ALTITUDE) (1.75 X 60W) FV-435WC OIL BURNER NOZZLE (1.75 X 60W) FV-435B OIL BURNER NOZZLE (2.00 X 60W) FV-436 SUPPORT LEG (STEEL TANK) FV-436A SUPPORT LEG (POLY TANK) FV-437 HIGH LIMIT (REAR) FV-438 LIFTING HARNESS FV-439 CIRCUIT BREAKER 15 AMPS (2006 TO 2008 ONLY) FVO-440 WHEEL AXLE - (STEEL TANK) FVO-440A WHEEL AXLE - (POLY TANK) FV-446 SIGHT GLASS C/W FIBER GASKET FV-447 SIGHT GLASS WASHER FV-448 MAIN RELAY FV-449SI SMART INDICATOR - 2009 > FV-461 PUMP INLET/OUTLET ADAPTER FVO-3002278 SUB-BASE FOR BURNER FVO-3002279 COIL FVO-3002280 PHOTO CELL	FV-434	FRONT FACE PLATE (2 X 12")
FV-435H OIL BURNER NOZZLE (HI ALTITUDE) (1.75 X 60W) FV-435WC OIL BURNER NOZZLE (2.00 X 60W) FV-435B OIL BURNER NOZZLE (2.00 X 60W) FV-436 SUPPORT LEG (STEEL TANK) FV-436A SUPPORT LEG (POLY TANK) FV-437 HIGH LIMIT (REAR) FV-438 LIFTING HARNESS FV-439 CIRCUIT BREAKER 15 AMPS (2006 TO 2008 ONLY) FVO-440 WHEEL AXLE - (STEEL TANK) FVO-440A WHEEL AXLE - (POLY TANK) FV-446 SIGHT GLASS C/W FIBER GASKET FV-447 SIGHT GLASS WASHER FV-448 MAIN RELAY FV-449SI SMART INDICATOR - 2009 > FV-461 PUMP INLET/OUTLET ADAPTER FVO-3002278 SUB-BASE FOR BURNER FVO-3002279 COIL FVO-3002280 PHOTO CELL	FV-434A	FRONT FACE PLATE (1 X 16")
FV-435WC OIL BURNER NOZZLE (1.75 X 60W) FV-435B OIL BURNER NOZZLE (2.00 X 60W) FV-436 SUPPORT LEG (STEEL TANK) FV-436A SUPPORT LEG (POLY TANK) FV-437 HIGH LIMIT (REAR) FV-438 LIFTING HARNESS FV-439 CIRCUIT BREAKER 15 AMPS (2006 TO 2008 ONLY) FVO-440 WHEEL AXLE - (STEEL TANK) FVO-440A WHEEL AXLE - (POLY TANK) FV-446 SIGHT GLASS C/W FIBER GASKET FV-447 SIGHT GLASS WASHER FV-448 MAIN RELAY FV-449SI SMART INDICATOR - 2009 > FV-461 PUMP INLET/OUTLET ADAPTER FVO-3002278 SUB-BASE FOR BURNER FVO-3002279 COIL FVO-3002280 PHOTO CELL	FV-435	OIL BURNER NOZZLE (2.25 X 45B)
FV-435B OIL BURNER NOZZLE (2.00 X 60W) FV-436 SUPPORT LEG (STEEL TANK) FV-436A SUPPORT LEG (POLY TANK) FV-437 HIGH LIMIT (REAR) FV-438 LIFTING HARNESS FV-439 CIRCUIT BREAKER 15 AMPS (2006 TO 2008 ONLY) FVO-440 WHEEL AXLE - (STEEL TANK) FVO-440A WHEEL AXLE - (POLY TANK) FV-446 SIGHT GLASS C/W FIBER GASKET FV-447 SIGHT GLASS WASHER FV-448 MAIN RELAY FV-449SI SMART INDICATOR - 2009 > FV-461 PUMP INLET/OUTLET ADAPTER FVO-3000443 PUMP DRIVE KEY FVO-3002278 SUB-BASE FOR BURNER FVO-3002279 COIL FVO-3002280 PHOTO CELL	FV-435H	OIL BURNER NOZZLE (HI ALTITUDE) (1.75 X 60W)
FV-436 SUPPORT LEG (STEEL TANK) FV-436A SUPPORT LEG (POLY TANK) FV-437 HIGH LIMIT (REAR) FV-438 LIFTING HARNESS FV-439 CIRCUIT BREAKER 15 AMPS (2006 TO 2008 ONLY) FVO-440 WHEEL AXLE - (STEEL TANK) FVO-440A WHEEL AXLE - (POLY TANK) FV-446 SIGHT GLASS C/W FIBER GASKET FV-447 SIGHT GLASS WASHER FV-448 MAIN RELAY FV-449SI SMART INDICATOR - 2009 > FV-461 PUMP INLET/OUTLET ADAPTER FVO-3000443 PUMP DRIVE KEY FVO-3002278 SUB-BASE FOR BURNER FVO-3002280 PHOTO CELL	FV-435WC	OIL BURNER NOZZLE (1.75 X 60W)
FV-436A SUPPORT LEG (POLY TANK) FV-437 HIGH LIMIT (REAR) FV-438 LIFTING HARNESS FV-439 CIRCUIT BREAKER 15 AMPS (2006 TO 2008 ONLY) FVO-440 WHEEL AXLE - (STEEL TANK) FVO-440A WHEEL AXLE - (POLY TANK) FV-446 SIGHT GLASS CW FIBER GASKET FV-447 SIGHT GLASS WASHER FV-448 MAIN RELAY FV-449SI SMART INDICATOR - 2009 > FV-461 PUMP INLET/OUTLET ADAPTER FVO-3000443 PUMP DRIVE KEY FVO-3002278 SUB-BASE FOR BURNER FVO-3002279 COIL FVO-3002280 PHOTO CELL	FV-435B	OIL BURNER NOZZLE (2.00 X 60W)
FV-437 HIGH LIMIT (REAR) FV-438 LIFTING HARNESS FV-439 CIRCUIT BREAKER 15 AMPS (2006 TO 2008 ONLY) FVO-440 WHEEL AXLE - (STEEL TANK) FVO-440A WHEEL AXLE - (POLY TANK) FV-446 SIGHT GLASS C/W FIBER GASKET FV-447 SIGHT GLASS WASHER FV-448 MAIN RELAY FV-449SI SMART INDICATOR - 2009 > FV-461 PUMP INLET/OUTLET ADAPTER FVO-3000443 PUMP DRIVE KEY FVO-3002278 SUB-BASE FOR BURNER FVO-3002279 COIL FVO-3002280 PHOTO CELL	FV-436	SUPPORT LEG (STEEL TANK)
FV-438 LIFTING HARNESS FV-439 CIRCUIT BREAKER 15 AMPS (2006 TO 2008 ONLY) FVO-440 WHEEL AXLE - (STEEL TANK) FVO-440A WHEEL AXLE - (POLY TANK) FV-446 SIGHT GLASS C/W FIBER GASKET FV-447 SIGHT GLASS WASHER FV-448 MAIN RELAY FV-449SI SMART INDICATOR - 2009 > FV-461 PUMP INLET/OUTLET ADAPTER FVO-3000443 PUMP DRIVE KEY FVO-3002278 SUB-BASE FOR BURNER FVO-3002279 COIL FVO-3002280 PHOTO CELL	FV-436A	SUPPORT LEG (POLY TANK)
FV-439 CIRCUIT BREAKER 15 AMPS (2006 TO 2008 ONLY) FVO-440 WHEEL AXLE - (STEEL TANK) FVO-440A WHEEL AXLE - (POLY TANK) FV-446 SIGHT GLASS C/W FIBER GASKET FV-447 SIGHT GLASS WASHER FV-448 MAIN RELAY FV-449SI SMART INDICATOR - 2009 > FV-461 PUMP INLET/OUTLET ADAPTER FVO-3000443 PUMP DRIVE KEY FVO-3002278 SUB-BASE FOR BURNER FVO-3002280 PHOTO CELL	FV-437	HIGH LIMIT (REAR)
FVO-440 WHEEL AXLE - (STEEL TANK) FVO-440A WHEEL AXLE - (POLY TANK) FV-446 SIGHT GLASS C/W FIBER GASKET FV-447 SIGHT GLASS WASHER FV-448 MAIN RELAY FV-449SI SMART INDICATOR - 2009 > FV-461 PUMP INLET/OUTLET ADAPTER FVO-3000443 PUMP DRIVE KEY FVO-3002278 SUB-BASE FOR BURNER FVO-3002279 COIL FVO-3002280 PHOTO CELL	FV-438	LIFTING HARNESS
FVO-440A WHEEL AXLE - (POLY TANK) FV-446 SIGHT GLASS C/W FIBER GASKET FV-447 SIGHT GLASS WASHER FV-448 MAIN RELAY FV-449SI SMART INDICATOR - 2009 > FV-461 PUMP INLET/OUTLET ADAPTER FVO-3000443 PUMP DRIVE KEY FVO-3002278 SUB-BASE FOR BURNER FVO-3002279 COIL FVO-3002280 PHOTO CELL	FV-439	CIRCUIT BREAKER 15 AMPS (2006 TO 2008 ONLY)
FV-446 SIGHT GLASS C/W FIBER GASKET FV-447 SIGHT GLASS WASHER FV-448 MAIN RELAY FV-449SI SMART INDICATOR - 2009 > FV-461 PUMP INLET/OUTLET ADAPTER FVO-3000443 PUMP DRIVE KEY FVO-3002278 SUB-BASE FOR BURNER FVO-3002279 COIL FVO-3002280 PHOTO CELL	FVO-440	WHEEL AXLE - (STEEL TANK)
FV-447 SIGHT GLASS WASHER FV-448 MAIN RELAY FV-449SI SMART INDICATOR - 2009 > FV-461 PUMP INLET/OUTLET ADAPTER FVO-3000443 PUMP DRIVE KEY FVO-3002278 SUB-BASE FOR BURNER FVO-3002279 COIL FVO-3002280 PHOTO CELL	FVO-440A	WHEEL AXLE - (POLY TANK)
FV-448 MAIN RELAY FV-449SI SMART INDICATOR - 2009 > FV-461 PUMP INLET/OUTLET ADAPTER FVO-3000443 PUMP DRIVE KEY FVO-3002278 SUB-BASE FOR BURNER FVO-3002279 COIL FVO-3002280 PHOTO CELL	FV-446	SIGHT GLASS C/W FIBER GASKET
FV-449SI SMART INDICATOR - 2009 > FV-461 PUMP INLET/OUTLET ADAPTER FVO-3000443 PUMP DRIVE KEY FVO-3002278 SUB-BASE FOR BURNER FVO-3002279 COIL FVO-3002280 PHOTO CELL	FV-447	SIGHT GLASS WASHER
FV-461 PUMP INLET/OUTLET ADAPTER FVO-3000443 PUMP DRIVE KEY FVO-3002278 SUB-BASE FOR BURNER FVO-3002279 COIL FVO-3002280 PHOTO CELL	FV-448	MAIN RELAY
FVO-3000443 PUMP DRIVE KEY FVO-3002278 SUB-BASE FOR BURNER FVO-3002279 COIL FVO-3002280 PHOTO CELL	FV-449SI	SMART INDICATOR - 2009 >
FVO-3002278 SUB-BASE FOR BURNER FVO-3002279 COIL FVO-3002280 PHOTO CELL	FV-461	PUMP INLET/OUTLET ADAPTER
FVO-3002279 COIL FVO-3002280 PHOTO CELL	FVO-3000443	PUMP DRIVE KEY
FVO-3002279 COIL FVO-3002280 PHOTO CELL	FVO-3002278	SUB-BASE FOR BURNER
FVO-3002280 PHOTO CELL	FVO-3002279	COIL
	FVO-3002280	

FVO-3005855	MOUNTING FLANGE	
FVO-3005869	ELECTRODE PORCELAIN	
FVO-3005891	ELECTRODE ASSEMBLY	
FVO-3006553	COIL U-BRACKET C/W KNURLED NUT	
FVO-3006965	NOZZLE ADAPTER	
FVO-3006966	ELECTRODE SUPPORT	
FVO-3006978	TURBULATOR DISC.	
FVO-3006980	NOZZLE OIL TUBE 10"	
FVO-3006992	PIPE CONNECTOR - SUPPLY	
FVO-3006993	PIPE CONNECTOR - RETURN	
FVO-3007223	CHASSIS FRONT PLATE	
FVO-3007234	BURNER BACK COVER	
FVO-3007357	ACOUSTIC LINER FOR BURNER BACK COVER	
FVO-3007568	BLEEDER SCREW	
FVO-C7001010	PUMP	
FVO-C700-1029	IGNITION MODULE	
FVO-C7001034	BURNER MOTOR	

	ACCESSORIES
FV-HD12	12" X 12-FT HITEX VINYL DUCTING
FV-HD16x25	16" X 25-FT HITEX VINYL DUCTING
FV-TH	THERMOSTAT C/W 25FT CORD/MALE PLUG END (BEFORE 2008)
FV-THA	THERMOSTAT C/W 25FT CORD/FEMALE PLUG END (AFTER 2008)
FV-THB	THERMOSTAT C/W 25FT CORD/MALE PLUG END (AS OF 2011)
FV-VK	6" X 3FT C-VENT C/W RAIN CAP
FVO-C7001001	EMERGENCY SERVICE KIT
FVO-C7050010	VACUUM & PRESSURE TESTER MANIFOLD
FVO-3007769	OPTIONAL PUMP
FV-432	PRESSURE GAUGE ADAPTER