### Series 1600 Carburetor Adapters

1-5/8" hose adapter, uses Venturi 112, natural gas .................................................. 1625

### Series 1700 Carburetor Adapters

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-13/16&quot; x 1-9/16&quot; carburetor adapter, use Venturi 134</td>
<td>1770-S</td>
</tr>
<tr>
<td>1-7/8&quot; x 1-5/8&quot; carburetor adapter, uses Venturi 178</td>
<td>1780-S</td>
</tr>
</tbody>
</table>

Beam 1451 uses Venturi 113

### Series 1400 Carburetor Adapters

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-45/64&quot; x 1-1/8&quot; carburetor adapter, uses Venturi 111, Honda G-40, G-42, G-65 or G-80</td>
<td>1433</td>
</tr>
<tr>
<td>1.732&quot; AH, 2 bolt flange, uses Venturi 111</td>
<td>1435</td>
</tr>
<tr>
<td>1-1/16&quot; x 1-1/16&quot; carburetor adapter, uses Venturi 113, Honda G-300, G400 or natural gas, Tecumseh HH140/150/160, Wisconsin W1-588 or Tecumseh/Wisconsin Wisconsin W1-340/390</td>
<td>1436</td>
</tr>
<tr>
<td>Adapter, Briggs and Stratton</td>
<td>1446A</td>
</tr>
<tr>
<td>1-1/2&quot; B.C. carburetor adapter, uses Venturi 111, natural gas</td>
<td>1450A</td>
</tr>
<tr>
<td>1-3/8&quot; B.C. carburetor adapter, uses Venturi 111, natural gas</td>
<td>1450B</td>
</tr>
<tr>
<td>2-1/32&quot; B.C. carburetor adapter, uses Venturi 113, Kubota A5000 gen set or Yamaha EF4000, EF5000</td>
<td>1451</td>
</tr>
<tr>
<td>1-13/16&quot; B.C. carburetor adapter, with 5S-147 spacer, uses Venturi 113, natural gas</td>
<td>1455</td>
</tr>
<tr>
<td>52mm B.C. carburetor adapter, uses Venturi 113, natural gas</td>
<td>1456</td>
</tr>
</tbody>
</table>

### Series 1100 Carburetor Adapters

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-1/2&quot; x 1-5/8&quot; carburetor adapter, uses Venturi 112</td>
<td>1120</td>
</tr>
<tr>
<td>1-5/8&quot; x 1-5/8&quot; carburetor adapter, uses Venturi 112</td>
<td>1120-A</td>
</tr>
<tr>
<td>1-5/8&quot; x 1-1/2&quot; carburetor adapter, available w/venturi for Kohler M18,20</td>
<td>1120-D</td>
</tr>
</tbody>
</table>

### Series 2000 Carburetor Adapters

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>2&quot; hose to hose carb adapter, uses Venturi 200</td>
<td>2000A</td>
</tr>
<tr>
<td>2-5/16&quot; x 1-9/16&quot; carburetor adapter, uses Venturi 251A</td>
<td>2150A</td>
</tr>
</tbody>
</table>
Series 4C Carburetor Adapters

2-1/32" x 1-9/16" carburetor adapter, w/adapter plate, uses Venturi 178 ................................................. 4C-312C
1-15/32" bowl type carburetor, uses Venturi 113 ........ 4C-313A
Adapter, 2-7/32" elbow Ford LSG-423 w/remote air cleaner, uses Venturi 225A ........................................ 4C-314

Series 501 Bowl Carburetors

Bowl type carburetor adapter, uses Venturi 111 ........................................................... 50101-A
1-27/32" bowl type carburetor, uses Venturi 111 .......................................................... 50102
1-15/32" bowl type carburetor, uses Venturi 113 .......................................................... 50103A

Carburetors & Carburetor Adapters

Carburetor adaptor, hose ............................................................................................. 200-1330
Carburetor adaptor, air horn ......................................................................................... 201-1130
Carburetor adaptor ....................................................................................................... 204-20
Carburetor adaptor ....................................................................................................... 204-26
Carburetor adaptor ....................................................................................................... 204-27
Carburetor adaptor ....................................................................................................... 204-30
Carburetor adaptor ....................................................................................................... 204-36
Carburetor adaptor ....................................................................................................... 204-40
Carburetor adaptor ....................................................................................................... 204-58
Carburetor adaptor ....................................................................................................... 204-67
Carburetor adaptor ....................................................................................................... 204-70
Carburetor adaptor ....................................................................................................... 204-80
Carburetor adaptor ....................................................................................................... 204-81
Carburetor adaptor ....................................................................................................... 204-82
Carburetor 1-13/16" flange, 1-3/8" AH ................................................................. 220-0117
Carburetor, 2-5/16" flange, 1-13/16" AH ................................................................. 222-0126
Carburetor adaptor ....................................................................................................... 204-65
The IMPCO Model E & PE Series are two-stage regulators/converters. It is engine coolant heated to assist liquid fuel vaporization. Diagnostic test ports are standard for both the primary and secondary pressure chambers, and a choice of diaphragm materials is available. E & PE Series regulator/converters are renewable with the appropriate repair kits.

---

Model E blue spring w/hydrin diaphragm ................................................................. \textbf{EB}
Model E blue spring with silicone diaphragm ......................................................... \textbf{EB-2}
Model E blue spring with silicone diaphragm for Canada .................................. \textbf{EB-2ULC}
Model E blue spring w/ fluorosilicone diaphragm ........................................ \textbf{EB-3}
Model E blue spring, LPG vapor regulator, no heat exchanger, hydrin ........ \textbf{EV}
LPG vapor with silicone ................................................................................ \textbf{EV-2}
Turbocharge EB-2, silicone w/special turbo gaskets ........................................ \textbf{T-EB-2}
MODEL PE & PEV SERIES - REGULATORS
POSITIVE PRESSURE

Model EV & PEV Series
Two-Stage Converters

The IMPCO Model PEV & EV Series are two-stage regulators/converters. They are intended for vapor withdrawal systems natural gas, propane vapor. Heating with engine coolant is not required. Diagnostic test ports are standard for both the primary and secondary pressure chambers, and a choice of diaphragm materials is available. EV & PEV Series regulator/converters are renewable with the appropriate repair kits.

4.5" W.C., S2-37 brown spring, hydrid dia., LPG vapor, black, w/exchanger .......... PE
4.5" W.C., S2-37 brown spring, fluorosilicone dia., LPG, w/heat exchanger .......... PE-6
3.7 to 6.5" W.C., S2-37 brown spring, natural gas or LPG vapor, no heat exchanger, adjustable hydrid ................................................................. PEV
3.7" to 6.5" W.C., S2-37 brown spring, natural gas vapor, no heat exchanger, adjustable .................................................................................. PEV-1
2.7" to 3.85" W.C., S2-109 white spring, natural gas, no heat exchanger, fluorosilicone, non-adjustable ................................................................. PEV-1-1
Regulator, w/mod 2 hole cover ........................................................................ PEV-1-856
2.7" to 3.85" W.C., S2-109 white spring, natural gas, no heat exchanger, adjustable, hydrid ................................................................. PEV-3
Regulator, w/mod 2 hole cover ........................................................................ PEV-856
Regulator, turbocharge, S2-106 zinc spring 2" to 2.8" W.C., no heat exchanger, special gaskets, non-adjustable, hydrid diaphragm ......................... T-PEV-1
Model L Series
Two-Stage Converter for LP-Gas Engines

The IMPCO Model L is a two stage regulator-converter. These units are coolant heated and are able to provide liquid vaporization to supply up to 150 kW (200 hp) in industrial engine applications. The L Series regulator provides a negative outlet pressure of -0.37 kPa (-1.5 w.c.). No optional pressures are available. The Model L offers economical performance with full features; rear fuel inlet, primary and secondary diagnostic test ports. Optional silicone diaphragm materials are also available. Regulatory approvals include UL, ULC, E4 Regulation Number 67.

Model L blue spring .....................................................................................................LB
Model L blue spring with silicone diaphragm ...............................................................LB-2
Model L blue spring with EC1 & silicone diaphragm ....................................................LB-20-2
Model L blue spring for Canada ...................................................................................LB-ULC
Model L blue spring with silicone diaphragm for Canada .............................................LB-2ULC
MODEL J SERIES - CONVERTER / REGULATORS

Model J Series
Two-Stage Converter for 3.7 to 75 kW
for LP-Gas Engines

The IMPCO Model J Series converters deliver superior performance and excellent pressure output consistency throughout service life. Three vapor outlet pressures are available. Use of the standard blue secondary spring provides negative 0.37 kPa (-1.5 inches w.c.). The optional orange secondary spring provides negative 0.12 kPa (-0.5 inch w.c.) and the red secondary spring negative 0.05 kPa (-0.2 inch w.c.) output.

- Model J blue spring with hydrin diaphragm ................................................................. JB
- Model J blue spring with silicone diaphragm ............................................................... JB-2
- Model J blue spring with silicone diaphragm for Canada ........................................... JB-2ULC
- Model J blue spring with hydrin diaphragm, check valve fitting, silicone ................. JB-C-2
- Model J blue spring with hydrin diaphragm, right hand plug ...................................... JB-R
- Model J orange spring with hydrin diaphragm ............................................................ JO
- Model J orange spring with silicone diaphragm ......................................................... JO-2
- Two stage pressure, natural gas or LPG vapor with hydrin diaphragm ......................... PJ
MODEL COBRA SERIES - CONVERTER / REGULATORS

Model Cobra Series
Two-Stage Converter Pressure Regulator

The new COBRA Two-stage Converter/Pressure Regulator has been specifically designed to meet the performance requirements of demanding OEM applications in materials handling, portable and stationary engines, ground support equipment, agricultural, and construction equipment.

Two stage 1-1/2" WC negative pressure converter/regulator blue spring ...................... COBRA
Two stage 1/2" WC negative pressure converter/regulator orange spring ..................... COBRA-I
Two stage, 1.5" WC negative pressure converter/regulator, without primer
button button ............................................................................................................... CB-30580-001
Two stage 1-1/2" WC negative pressure converter/regulator, without primer
button ....................................................................................................................... CB-30580-002
Two stage 1/2" WC negative pressure converter/regulator without primer button ........ CB-30580-003
Model PJ Series
Two-Stage Converter for CNG

The Model PJ Series is a positive pressure two-stage regulator. It is designed for positive pressure CNG fuel systems where liquid vaporization and engine coolant heating is not required. These regulators are able to provide positive flow in applications up to 59.7 kW (80 hp). PJ regulators are available in several fixed pressures. Adjustable pressure units are also available in varying pressure ranges. Fixed regulators can be converted in the field to adjustable with the AC1-74 kit. Additionally, adjustable units can be converted to fixed pressure by using the H3-3 spring cover. Fixed pressure regulators are preferred in applications that are not subject to fuel quality variations or to deter unauthorized tampering. There is a primary pressure test port and “left” or “right” fuel outlets. Optional diaphragms are available in silicone material.

Two stage pressure, natural gas or LPG vapor with hydrin diaphragm ......................... PJ
MODEL HPR SERIES HIGH PRESSURE REGULATOR

Model HPR Series - High Pressure Regulator for Natural Gas Engines

The HPR-3600 is a single stage high pressure regulator designed for high pressure CNG (compressed natural gas) systems. This regulator is engine coolant heated to prevent freezing and has dual outlet ports for universal installation flexibility. The HPR is rated up to 24,800 kPa (3,600 psi) inlet and provides a regulated outlet pressure of 1,030 ± 140 kPa (150 ± 20 psi) which makes it compatible with the IMPCO “P” (positive) type regulators. It is also supplied with an external pressure relief valve which is calibrated to open if outlet pressure exceeds 2,760 kPa (400 psi). Regulatory approvals include UL and AGA/CGA.TÜV certification is available with the 989C model only.

High pressure shut off valve ............................................................................................ HPR-301
High pressure regulator 3600 PSI ................................................................................ HPR-3600
High pressure regulator 3600 PSI .............................................................................. HPR-3600-90
MODEL IMP SERIES REGULATORS

Model IMP Series Regulators for Propane or Natural Gas

The IMPCO IMP Series of regulators are low pressure, dry gas regulators intended for use with propane or natural gas. Typical applications include all types of stationary, gas-fired appliances and equipment utilizing a low-pressure gas supply.

The IMP Series regulators feature a unique concical valve design, which permits low resistance straight-through flow. This design provides high flow at low inlet pressures, and enables the regulators to handle large capacity appliances with limited supply pressure.

Pressure reduction valve, 3/4" inlet/outlet ................................................................. IMP52
Pressure reduction valve, 1" inlet/outlet ................................................................. IMP53
Pressure reduction valve, 1-1/4" inlet/outlet .......................................................... IMP61
Pressure regulator, 1-1/2" NPT .............................................................................. IMP81
Pressure regulator, 2" NPT .................................................................................. IMP91
MODELC250AH SERIES CONVERTER / REGULATOR

MODEL C250AH Series
Low Pressure Regulator for LPG

The replacement for the Algas C250 regulators is the model C250AH. The C250 family of LPG converters is a system of highly compact components that cover the entire range of automotive and industrial applications from 15 to 240 horsepower.

Converter assy, met-r-flo ... C250AH
Converter, air heated ... C250AH-4
Converter assy ... C250A
LPG converter assy ... C250A-1
Low pressure regulator assy ... C250A-4
The all new AHR50D air heated regulator is the result of 44 years of advanced engineering. Designed for smaller displacement engines. The AHR50-D is a direct replacement for the Century® G-85A regulator.

Developed for air-cooled engine applications, this regulator is at home on portable welders, pumps, wood chippers, pressure washers, sweepers, mobile construction equipment, airport ground support equipment, portable power generators to name a few.
CONVERTOR / REGULATOR

Model 202 Series Regulators

The BeamGarretson Model 202A is a high capacity secondary dry gas pressure regulator designed for OEM and field conversions to propane or natural gas where the fuel is available at the appropriate inlet pressures.

The 202A is available with an integral vacuum-controlled fuel lockoff which can provide 100% fuel shutoff when the engine stops. No separate idle hoses are required.

Most configurations of the 202A feature a built-in idle screw, and requires no priming or choking. No idle plates or idle fittings are necessary. It is available with an optional manual primer.

Secondary regulator, 1/4" orifice, 5 PSI, LP-gas, vapor, with idle & vacuum lockoff, no primer, 150 HP ................................................................. 202ABP
Secondary regulator, 1/4" orifice, 5 PSI, LP-gas, vapor, w/idle only, no primer, 150 HP .......................................................................................... 202ABP-E
Secondary regulator, 3/8" orifice, 8 oz. max., LP-gas or natural gas, idle & vacuum lockoff, no primer, 45 HP ......................................................... 202ANL
Secondary regulator, 3/8" orifice, 8 oz. max., LPG or CNG, with primer only, 45 HP ....................................................................................... 202ANL-C
Secondary regulator, 3/8" orifice, 8 oz. max., LPG or CNG, with idle only, 45 HP natural gas, 150 HP ................................................................. 202ANL-E
Model 120A Series Converters

The BeamGarretson Model 120A is a two-stage, high capacity liquid gas pressure regulator designed for use with propane. It contains both a primary and a secondary chamber, and operates at tank outlet pressure. The 120A is suitable for factory and field conversions using vapor withdrawal up to the unit’s rated capacity.

The 120A has an integral vacuum-controlled fuel lockoff which provides 100% fuel shutoff when the engine stops. No separate idle hoses are required.

Most configurations of 120A feature a built-in idle screw, and requires no priming or choking. No idle plates or idle fittings are necessary. It is available with an optional manual primer.

Idle adjustment & vacuum shut off, no primer, 5 PSI, LPG, 150 HP capacity ............ 120A
Idle adjustment & vacuum shut off, extended manual primer, 5 PSI, LPG, 150 HP capacity ......................................................................................................................... 120A-P
The BeamGarretson Model T50/T60 is a two-stage, tamper-resistant, liquid gas pressure regulator designed for use with propane. It contains both a primary and secondary chamber, and operates at tank outlet pressure. The T50/T60 is suitable for OEM and field conversions using liquid withdrawal up to the unit’s rated capacity of 60 hp. It features tamper-resistant idle and primary pressure adjustment screws.

The T60 is available with an integral vacuum-controlled fuel lockoff which can provide 100% fuel shutoff when the engine stops. No separate idle hoses are required.

Most configurations of the T50/T60 feature a built-in idle screw and require no priming or choking. No idle plates or idle fittings are necessary. The T50/T60 is available with an optional manual primer.

Vapor withdrawal tank pressure with idle & vacuum lockoff, 4 PSI, 40 HP ....................... T50
Vapor withdrawal tank pressure, with idle, primer & vacuum lockoff, 4 PSI, 40 HP .......... T50-B
Vapor withdrawal tank pressure, primer only, 4 PSI, 40 HP, TR .................................. T50-C
Vapor withdrawal tank pressure, idle only, 4 PSI, 40 HP, TR ..................................... T50-E
Vapor withdrawal tank pressure, primer & idle, 4 PSI, 40 HP, TR ............................... T50-G
Secondary regulator, 5 PSI, with idle & vacuum lockoff, LPG, 40 HP .......................... 52B
Secondary regulator, 5 PSI, with idle, primer & vacuum lockoff, LPG, 40 HP ............... 52B-B
Secondary regulator, 5 PSI, less idle & vacuum lockoff, LPG, 40 HP ............................. 52B-D
Secondary regulator, 5 oz inlet, 8 HP, NG & 10 HP, LPG .............................................. 52N
Secondary regulator, 5 oz. inlet pressure, no idle or vacuum lockoff w/primer .............. 52N-C
Liquid withdrawal, idle & vacuum lockoff, 1/8" primary port, 4, PSI, LPG, 60 HP .......... T60
Liquid withdrawal, with idle, primer & vacuum lockoff, 1/8" primary port, 4 PSI, LPG, 60 HP, TR ............................................................... T60-B
Liquid withdrawal, idle only, 1/8" primary port, 4 PSI, LPG, 60 HP .............................. T60-E
Liquid withdrawal, exhaust gas, idle & vacuum lockoff, 1/8" primary port, 4 PSI, LPG, 60 HP, TR ......................................................... T60-H
Liquid withdrawal, exhaust gas, primer only, 1/8" primary port, 4 PSI, LPG, 60 HP .... T60-HC
Liquid withdrawal, exhaust gas, idle only, 1/8" primary port, 4 PSI, LPG, 60 HP .......... T60-HE
Series 11 Vaporizers

The 11 Series Vaporizers are easy and economical to install and service. The 11A17 is a non-adjustable, air heated positive pressure vaporizer that is compatible with either vapor or liquid.

Positive pressure vaporizer, air heated, non adjustable .......................................................... 11A17

The 11A27 is a non-adjustable, water heated positive pressure vaporizer. Eliminates mounting brackets and external water line.

Positive pressure vaporizer, water heated, non adjustable .......................................................... 11A27
BeamGarretson Model KN

The BeamGarretson Model KN is a secondary regulator designed for sensitivity and simple operation. It is used with low pressure vaporized gaseous fuels. Because of its extreme sensitivity, the KN offers excellent results in remote starting applications (standby power generators, etc.). With proper installation and maintenance the KN can provide years of trouble-free service.

Garretson Model SD

The Garretson Model SD is a secondary regulator designed for use with low pressure vaporized gaseous fuels. The molded silicone-rubber diaphragm and square-seating molded plunger contribute to the unit’s and long trouble-free service.
Engineered for accurate fuel control and reliability, the COMMANDER 1dx series offers especially designed digital controllers for OEM material handling equipment and industrial applications. Vital links in a complete systems approach, these controllers are engineered to work with IMPCO fuel system products.

### Kits

- Adaptive Digital Processor feedback system, with FCV-7 ........................................... ADP
- Commander series digital processor ........................................................................... CDP
- COMMANDER kit ....................................................................................................... EK-CDP-1
- Microprocessor kit, 4 cylinder ..................................................................................... EKCDP-1DX-4
- Microprocessor kit, 6 cylinder ..................................................................................... EKCDP-1DX-6

### Parts

- Electric low pressure shutoff valve 312 PSIG, propane ................................................. AV2-14089
- Electric low pressure shutoff valve ............................................................................... AV2-15340
- Fuel control valve, modified SV, previous configuration ................................................ FCV
- Fuel control valve for ADP feedback systems - LPG & CNG ....................................... FCV-7
- Single wire oxygen sensor .......................................................................................... FOS
- Check valve, for all regulators, natural gas, propane .................................................... RCV-15834
- Vacuum control solenoid ............................................................................................ VCS
- Vacuum power valve ................................................................................................... VPV
- HEGO Oxygen sensor ................................................................................................. S8-14087
- Valve, electric solenoid ............................................................................................... SV
- Vacuum switch, 3 wire (Replaces VS-2) ...................................................................... VS-2A
- O2 sensor w/FM controller SM#SG22 ......................................................................... FL-2029
- Catalytic converter, 2" ID ............................................................................................ FL-2047
- Pulse width metering valve ......................................................................................... MV3
The Spectrum integrated throttle body and governor provides a building block approach to total engine management. This modular design consists of a cast aluminum throttle body plus a fully programmable integrated digital speed control and bi-directional actuator.

The modular design of the system reduces total engine assembly cost, eliminates external linkages, lowers inventory and part number proliferation. The programmable controller offers security to your configuration.

Adaptive Digital Processor feedback system, with FCV-7 ........................................... ADP
MODEL VFF30/FL SERIES - FUELLOCKS (VACUUM AND ELECTRIC)

Model VFF30
Vacuum Fuelock Filter

The IMPCO VFF30 is a combination fuel lockoff and filter engineered for use with LPG or natural gas. A pressure of 1.69 kPa (0.5" Hg) is required to open the lockoff. The VFF30 is suitable for engines up to 242 kW (325 hp) at a maximum working pressure of 2,150 kPa (312 psi). The filter element is fully serviceable.

Vacuum w/filter & hydrid diaphragm ................................................................. VFF30
Vacuum w/filter & silicone diaphragm ............................................................... VFF30-2
Vacuum w/filter, solenoid opener & silicone diaphragm ................................ VFF30-20-2
Vacuum w/filter, check valve, primer button & silicone diaphragm .............. VFF30-2-4
Vacuum w/filter & silicone diaphragm for Canada ......................................... VFF30-2ULC
Vacuum w/filter & Florosilicone diaphragm ..................................................... VFF30-3
Electronic fuel lockoff .................................................................................. EFL1
BEAM GARRETSON FUEL LOCKOFFS

FL-205
The FL-205 is a normally closed, 12 VDC electric solenoid shutoff valve suitable for use with propane or natural gas. The FL-205 can be used with IMPCO, Beam/Garretson fuel management systems.

Electric with 1/4" NPT Inlet/Outlet, L-416-12V
Option ..................................................................... FL-205

FL-206
The FL-206 is a normally closed, low pressure 12 VDC electric solenoid shutoff valve suitable for use with gasoline. The FL-206 can be used with IMPCO, Beam/Garretson fuel management systems.

Electric with 1/8" NPT Inlet/Outlet for Gasoline ...... FL-206

FL-218-12V
The FL-218-12V is a heavy-duty, normally closed, 12 VDC electric solenoid shutoff valve with an integral filter. It is suitable for use with propane, and can be used with IMPCO, Beam/Garretson fuel management systems. The built-in fuel filter features a replaceable element.
FL-219

The FL-219 is a normally closed, 12 VDC electric solenoid shutoff valve with an integral filter. It is suitable for use with propane and natural gas, and can be used with IMPCO, Beam/Garretson fuel management systems.

Electric with 20M filter 1/4" NPT Inlet/Outlet, FL-218-12V Option .................................................. FL-219

FL-416-12V

The L-416-12V is a normally closed, 12 VDC electric solenoid shutoff valve suitable for use with propane. It can be used with IMPCO, Beam/Garretson fuel management systems.
The FL-418-12V is a heavy-duty electric shutoff solenoid valve with an integral filter. The solenoid is 12-volt operated and normally closed. The replaceable filter element allows the fuel to be filtered before it enters the system components. The FL-418-12V can be used in conjunction with any IMPCO, Beam Garretson fuel management systems.
### MODULES & REPAIR KITS

#### Model RK-VFF30-2 Repair Kit

The cutaway of our VFF30 shows assembly of valve spring, valve seat, valve operating pin, seal retaining washer and “O” ring seal.

**RK-VFF30-2 Kit Includes:**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 G1-89</td>
<td>Gasket</td>
</tr>
<tr>
<td>1 AF1-10</td>
<td>Filter</td>
</tr>
<tr>
<td>1 S7-3</td>
<td>Screen</td>
</tr>
<tr>
<td>1 BD1-27</td>
<td>Diaphragm Assy.</td>
</tr>
<tr>
<td>2 S1-59</td>
<td>Screws, 8-32 x 5/8”</td>
</tr>
<tr>
<td>2 S1-100</td>
<td>Screws, 12-24 x 5/8”</td>
</tr>
<tr>
<td>1 S4-18</td>
<td>Seat (Viton Bonded to Aluminum)</td>
</tr>
<tr>
<td>1 S3-42</td>
<td>Seal, “O” Ring</td>
</tr>
<tr>
<td>1 P1-15</td>
<td>Pin, Valve Operating</td>
</tr>
<tr>
<td>1 W1-42</td>
<td>Retainer Washer</td>
</tr>
<tr>
<td>1 PPI-4</td>
<td>Instructions</td>
</tr>
</tbody>
</table>

Conversion kit, 600VF1 power valve, digester & landfill gas .......................................................... CKJ1-32
Conversion kit, (NG) natural gas, general non-emissions control usage, 600VF1 .......................... CKV2-21-3
Conversion kit, (FB) natural gas feedback, 1.1 to 1.3, for fuel addition or gas pressure control feedback A/F control systems (e.g. Dynalco, Houston Ind.), also for general non-emissions economy operation .......................................................... CKV2-62
Conversion kit, natural gas Ultralean, 1.4 to 1.6 of 5% to 8.5% excess O2 .................................. CKV2-63
Conversion kit, digester gas, 560-640 BTU/ft gas, Stoich. requires J1-33 or AB1-31-3 gas body assembly .......................................................... CKV2-64
Conversion kit, landfill gas 450-560 BTU/ft, Stoich. requires J1-33 or AB1-31-3 gas body assembly .......................................................... CKV2-65
Conversion kit, ultralean digester with J1-24 .................................................................................. CKV2-66
Conversion kit, V2-69 & J1-25 .......................................................................................................... CKV2-69
Conversion kit, natural gas, stoich. V2-77 & J1-45 ........................................................................... CKV2-77
Conversion kit, ultralean natural gas, V2-78 & J1-44 ........................................................................ CKV2-78
Conversion kit, digester stoich. V2-79 & J1-46, requires AB1-67-3 .................................................. CKV2-79
Conversion kit, landfill stoich. V2-80 & J1-47, requires AB1-67-3 .................................................. CKV2-80
Conversion kit, feedback rich V2-88 & J1-46, for throttling A/F controller ........................................ CKV2-88
Conversion kit, (FR) natural gas feedback .85 to 1.05, for throttling A/F controller (e.g. Altronic, MEC) .......................................................... CKV2-94
Conversion kit, LPG as 5.0” H2O pressure, Stoich .............................................................................. CKV2-96
Retrofit kit, VFF30 ............................................................................................................................ CKS3-116
Retrofit kit, CA125 vacuum lift w/hydrin diaphragm .......................................................................... RK125-VL
Repair kit, CA300A series 1 & 20, major, w/hydrin diaphragm ......................................................... RK300MA-1/20
Repair kit, CA300A series 1 & 20, major, w/silicone diaphragm ....................................................... RK300MA-1/20-2
Repair kit, CA300A series 50 & 70, major, w/silicone diaphragm ...................................................... RK300MA-50/70-2