



**EMBRACING
INNOVATION**
Engineering Excellence



BRIEF INTRODUCTION OF **VS GROUP OF INDUSTRIES** **YOUR CHOICE OF QUALITY AND NAME**



Viney Singal promoters of Olympic Engineers Pvt Ltd have nearly 20 years experiences in manufacturing CNG and LPG gas conversion kits ,LPG valves & regulators and keeping the advanced management conception continually, which makes BLUGAS group of industries. Becoming into the outstanding manufacturer in producing and supplying CNG and LPG products in India. Today basing on ISO 9001 quality management system, OEPL constitutes, revising and fulfilling her latest enterprise management rules and quality management systems, which meets the international standards. Leading by “establishing the brand, making high quality products”.

Olympic engineers pvt ltd factory owns advanced equipments & machinery, there are 10 modern production lines, including Japanese robotic forging line, fully automatic pressure die casting,4th axis CNC machines, vacuum chamber type air leakage detecting system software base, profile measurement German make which have reached advance level of the world. In the producing process, every step is under the strict control of the ECER standards. We have imports the advanced machinery and production lines and facilities continually. By continual improvement, we has become into the excellent manufacturer in CNG and LPG industry.



VS GROUP OF INDUSTRIES

VISION. MISSION. VALUES

To employ frontline technologies to meet the highest global standards in products and services.

To achieve leadership status in the core sector, across the world. To set benchmarks in manufacturing and environmental performance.

To be a customer-first, quality-obsessed, socially sensitive corporate entity.

To achieve breakthroughs in manufacturing based on intensive R&D.

To ensure well-being of all our stake-holders; upholding such value as integrity, trust, concern, empathy and commitment.

World Class Technology
Co-ordinated Team work

R&D

Value addition

Quality confirming to international standards

**SELF
SUFFICIENCY**

VS GROUP OF INDUSTRIES

CERTIFICATES



CERTIFIED BY

ISO 9001 : 2015

ECE R67

ECE R110



IS:9798



CM/L-9977120

IS:8737



CM/L-9977221

IS:15100



CM/L-

IS:14899



CM/L-2709460

IS:3196



CM/L-4805062



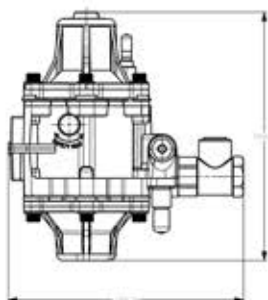


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CNG SEQUENTIAL REDUCER (OE-CS-01)

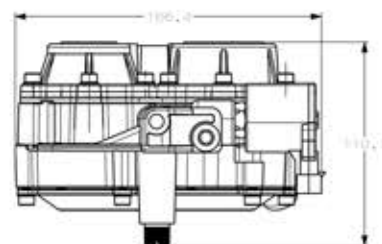
Technical specifications

Type of product	CNG Sequential Reducer
Model	OE-CS-01
Weight	1.4 kg
Dimensions	122x148x158 mm
Max. Inlet pressure	26MPa (260 BAR)
Inlet Connection	M 12x1, pipe Ø6 mm,
Outlet Connection	Fixed Fitting Ø10mm/12 mm
Engine power	Up to 250 Kw
Material	Die Cast Aluminium Body
Outlet pressure	Adjustable from 100 to 260 kPa
Coil power consumption	17W
Solenoid voltage	12V DC
Working temp.	-40°C to + 120°C
Max.CNG Flow Rate	40 kg/h

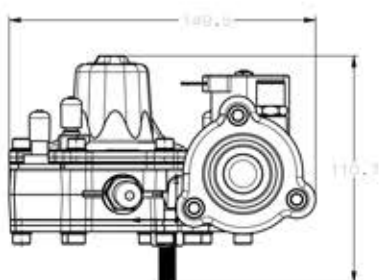
CNG CONVENTIONAL REDUCER (OE-CC-01)

Technical specifications

Type of product	CNG Conventional Reducer
Model	OE-CS-01
Weight	1.9 kg
Dimensions	122x148x158 mm
Max. Inlet pressure	26MPa (260 BAR)
Inlet Connection	M 12x1, pipe Ø6 mm,
Outlet Connection	Fixed Fitting Ø18mm/20 mm
Engine power	Up to 250 Kw
Material	Die Cast Aluminium Body
Outlet pressure	Depending on the Mixer
Coil power consumption	17W
Solenoid voltage	12V DC
Working temp.	-40°C to + 120°C
Max.CNG Flow Rate	40 kg/h



LPG SEQUENTIAL REDUCER (OE-LS-01)



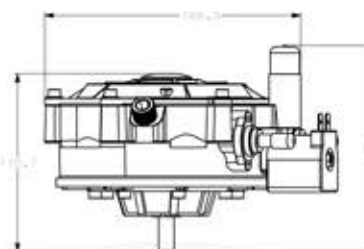
Technical specifications

Type of product	LPG Sequential Reducer
Model	OE-LS-01
Weight	1.4 kg
Dimensions	122x148x158 mm
Max. Inlet pressure	3 MPa (30 BAR)
Inlet Connection	M 10x1, pipe Ø6 mm,
Outlet Connection	Fixed Fitting Ø10mm/12 mm
Engine power	Up to 150 Kw
Material	Die Cast Aluminium Body
Outlet pressure	Adjustable from 70 to 260 kPa
Coil power consumption	17W
Solenoid voltage	12V DC
Working temp.	-20°C to + 120°C
Max.CNG Flow Rate	40 kg/h

LPG ELECTRONIC VAPORIZER (OE-V-01)

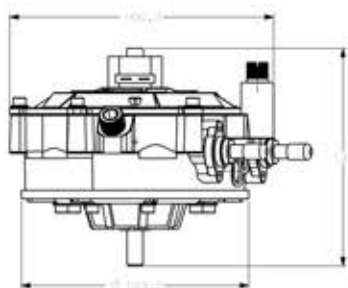
Technical specifications

Type of product	LPG Electronic Reducer/ Conventional Vaporizer
Model	OE-V-01
Weight	1.4 kg
Dimensions	122x148x158 mm
Max. Inlet pressure	3 MPa (30 BAR)
Inlet Connection	M 10x1, pipe Ø6 mm,
Outlet Connection	Fixed Fitting Ø18mm/20 mm
Engine power	Up to 150 Kw
Material	Die Cast Aluminium Body
Outlet pressure	Depending on the Mixer
Coil power consumption	17W
Solenoid voltage	12V DC
Working temp.	-20°C to + 120°C
Max.CNG Flow Rate	5 kg/h



LPG VACCUM VAPORIZER (OE-VV-01)

Technical specifications

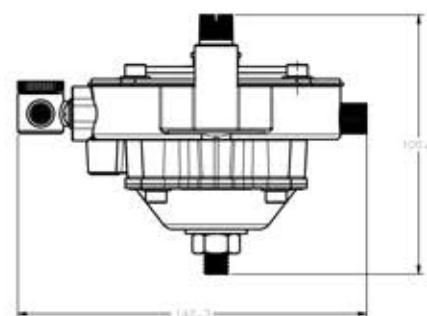


Type of product	LPG Vaccum Vaporizer
Model	OE-VV-01
Weight	1.3 kg
Dimensions	122x148x158 mm
Max. Inlet pressure	3 MPa (30 BAR)
Inlet Connection	M 10x1, pipe Ø6 mm,
Outlet Connection	Fixed Fitting Ø18mm/20 mm
Engine power	Up to 120 Kw
Material	Die Cast Aluminium Body
Outlet pressure	Depending on the Mixer
Coil power consumption	11W
Solenoid voltage	12V DC
Working temp.	-20°C to + 120°C
Max.CNG Flow Rate	4 kg/h

LPG AUTO VAPORIZER (OE-AV-01)

Technical specifications

Type of product	LPG Auto Vaporizer
Model	OE-AV-01
Weight	0.9 kg
Dimensions	102x125x128 mm
Max. Inlet pressure	3 MPa (30 BAR)
Inlet Connection	M 10x1, pipe Ø6 mm,
Outlet Connection	Fixed Fitting Ø18mm/20 mm
Engine power	Up to 100 Kw
Material	Die Cast Aluminium Body
Outlet pressure	Depending on the Mixer
Coil power consumption	11W
Solenoid voltage	12V DC
Working temp.	-20°C to + 120°C
Max.CNG Flow Rate	3 kg/h



CNG FRONT SEQUENTIAL KIT



COMPONENTS

- ✓ SEQUENTIAL REDUCER (OE-CS-01)
- ✓ REFILLING VALVE (OE-FV)
- ✓ ELECTRONIC CONTROL UNIT (OEPL-AM-01)
- ✓ INJECTOR RAIL (OE-22)
- ✓ PRESSURE GAUGE (PG-AM-01)
- ✓ HIGH PRESSURE PIPE (OEPL-HP-01)
- ✓ FITTING ACCESSORIES
- ✓ LOW PRESSURE PIPE SET (OE-LPS-01)

CNG CONVENTIONAL FRONT KIT

COMPONENTS

- ✓ CONVENTIONAL REDUCER (OE-CC-01)
- ✓ REFILLING VALVE (OE-FV)
- ✓ GAS - AIR MIXER
- ✓ HIGH PRESSURE PIPE (OEPL-HP-01)
- ✓ LOW PRESSURE PIPE (OE-LPC-01)
- ✓ EMULATOR (OE-EM-01)
- ✓ INDICATOR SWITCH (OE-SW-01)
- ✓ PRESSURE GAUGE (OE-PG-01)
- ✓ FITTING ACCESSORIES



LPG FRONT SEQUENTIAL KIT

COMPONENTS

- ✓ Sequential Reducer (OE-LS-01)
- ✓ Injector Rail (OE-22)
- ✓ Electronic Control Unit (OEPL-AM-01)
- ✓ Lever Sensor (OE-LS-01)
- ✓ Copper Pipe (PVC Coated) (OE-CP-01)
- ✓ Fitting Accessories
- ✓ Low Pressure pipe Set (OE-LPS-01)
- ✓ Multifunction Valve (OE-01)



LPG TRADITIONAL/ELECTRONIC KIT

COMPONENTS

- ✓ Electronic Reducer (OE-V-01)
- ✓ Gas - Air Mixer
- ✓ Solenoid Valve (OE-LS-B01)
- ✓ Indicator Switch (OE-SW-01)
- ✓ Emulator (OE-EM-01)
- ✓ Lever Sensor (OE-LS-01)
- ✓ Copper Pipe (PVC Coated)
- ✓ Multifunction Valve (OE-01)
- ✓ Low Pressure pipe Set (OE-LPC-01)
- ✓ Fitting Accessories





CNG REFILLING VALVE (OE-FV) NZS

Technical specifications

Material	Brass Forge Body
Dimensions	89 X 34 X 76mm
Working Pressure	20 Mpa
Max.Working Temperature	-40°C to + 120°C
Weight	0.40 kg
Filling Unit type	NGV
Inlet Thread	M12x1
Outlet Thread	Dia 6 MM Pipe

CNG REFILLING VALVE (OE-FV-01)

Technical specifications

Material	Brass Forge Body
Dimensions	89 X 34 X 76mm
Working Pressure	20 Mpa
Max.Working Temperature	-40°C to + 120°C
Weight	0.40 kg
Filling Unit type	NGV
Inlet Thread	M12x1
Outlet Thread	Dia 6 MM Pipe

CNG REFILLING VALVE (OE-FV-02)

Technical specifications

Material	Stainless Steel
Dimensions	89 X 34 X 76mm
Working Pressure	20 Mpa
Max.Working Temperature	-40°C to + 120°C
Weight	0.40 kg
Filling Unit type	NGV
Inlet Thread	M12x1
Outlet Thread	Dia 6 MM Pipe



CNG REFILLING VALVE (OE-FV-03)

Technical specifications

Material	Brass & Stainless Steel
Dimensions	89 X 34 X 76mm
Working Pressure	20 Mpa
Max.Working Temperature	-40°C to + 120°C
Weight	0.40 kg
Filling Unit type	NGV
Inlet Thread	M12x1
Outlet Thread	Dia 6 MM Pipe



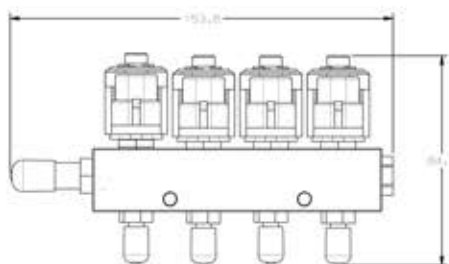
CNG / LPG INJECTOR RAIL (OE-22)

The OE-22 injector Rail is to inject the controlled quantity of CNG/LPG fuel at specific interval of time (as per Programmed in ECU). It can be supplied with 3 ohm coil and is compatible with the majority of the ECU distributed in the markets. Our OE-22 injector Rail is ISO 15500 approved by ICAT.

- Special Plunger Imported Material with more magnetic power
- High Quality Copper Wire
- Imported Non metallic parts/Rubber used.

Technical specifications

Coil Resistance	2 OHM / 3 OHM
Opening Time (±5%)	3.0 ms
Closing Time (±5%)	2.4 ms
Material	Aluminium
Working Pressure	0.5 to 4.5 Bar
Supply Voltage	12 - 14 V
Inlet Gas Fitting	Rubber Hose Ø10 mm
Outlet Gas Fitting	Calibrated Nozzle M10 x 1
Temp. Range for CNG	-40°C to +120°C
Temp. Range for LPG	-20°C to + 120°C
Dimensions	154 X 47 X 63 mm
Static Flow Rate@1 Bar	120 NL/min in Air
Static Flow Rate @ 2 Bar	180 NL/min in Air
Weight	0.67 kg



CNG SOLENOID VALVE (OE-CSV-01)

Technical specifications

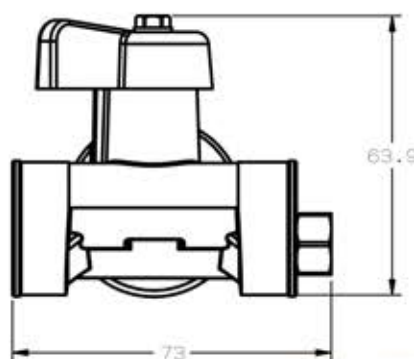


Material	Brass Forge Body
Max. Working Pressure	30 Bar
Flow Capacity	3.2 mm
Solenoid voltage	12 VDC
Inlet / Outlet Connection	M 10 x1 for 6x1 Pipes
Filtering Capability	10 Micron
Working Temperature	-40°C to + 120°C
Coil power consumption	17W
Dimensions / Weight	64.5 X 49 X 101mm / 0.45 Kg

CNG CYLINDER VALVE (LICENSE APPLIED)

Technical specifications

Material	Brass Forging High Tesnsile
Weight	0.650 kg
Working Pressure	204 kgf/cm ²
Working Temperature	-40°C to + 120°C
Inlet Connection	Nominal Size 25.4 m.m
Outlet Connection	M12x1
Fusile Alloy Yield Temperature	98°C-104°C
Safety Disc Burst Pressure	300-330 kgf/cm ²



DOMESTIC LPG CYLINDERS & AUTO LPG CONTAINERS



Olympic Cylinder Pvt Ltd , an ISO 9001:2015 certified company from BIS , is a pioneer in manufacturing of domestic LPG cylinders and Auto LPG cylinders . For Over 8 years, OCPL has continued to produce high quality welded LPG gas cylinder and received complete confidence from the domestic LPG supplier, Indian Oil corporation Ltd, Bharat petroleum corporation Ltd, Hindustan petroleum corporation Ltd.

Apart from LPG Cylinder ,OCPL also produce various type of welded pressure vessel for different type of gases on customer's demands range from small size 2 kg to extra large 150 kg.



Based on Olympic Cylinder Pvt Ltd uncompromising policy in products quality control combine with automatic welding technology, our Automotive LPG cylinder has been granted BIS and CCOE, Nagpur. This is to assure our customers of the Indian safety standard while using our Auto LPG Gas cylinder.

With our expertise and long -time experience in manufacturing automotive LPG cylinder , we can develop various length & diameter of cylinders with any kind of cradle and brackets to fit any models of automobiles.OCPL has got the approval IS 14899 & IS 3196 from the Chief Controller of Explosives (Govt. of India).

The Auto LPG containers/cylinders are subjected to a series of vigorous tests and consistent quality is successfully demonstrated through the test mentioned below:

- BONFIRE TEST
- CRASH TEST
- FATIGUE TEST
- RADIOGRAPHY TEST
- BURST TEST
- VIBRATION TEST
- MECHANICAL TEST
- LEAK PROOF TEST



AUTO LPG CYLINDRICAL TANK

Technical specifications

Tank Diameter OD(mm) A	Type	Water Capacity W.C. (Liters)	Tank Length (mm)B	Bracket Length (mm)C	Bracket Length (mm)D
Ø 315	CYL-315 (30 DEGREE AND 90 DEGREE	60	860	287	500 (license)
Ø 315	CYL315(30 DEGREE AND 90 DEGREE)	75	1070	287	595 (includer applied)
Ø 200	CYL345-65	25	880	250	450 (includer applied)
Ø 270	CYL 270-0 DEGREE	20.6	450	-	-

AUTOMOTIVE TOROIDAL LPG CYLINDER



Technical specifications

Tank Diameter OD(mm) A	Type	Water Capacity W.C. (Liters)	Tank Length (mm)B
Ø 565	TOR 565-39	39	200
Ø 565	TOR 565-49	49	240

	
3KG TO 4.5 KG. LPG CYLINDER	5KG TO 9 KG. LPG CYLINDER

TECHNICAL SPECIFICATIONS

	3KG TO 4.5 KG. LPG CYLINDER	5KG TO 9 KG. LPG CYLINDER
OUTSIDE DIAMETER	210/250 MM	250/300 MM
MEDIUM	LPG	LPG
CAPACITY	3 KG TO 4.5 KG.	5 KG TO 9 KG
WP (MPa)	10 BAR TO 20 BAR	10 BAR TO 20 BAR
NOMINAL WALL THICKNESS	2.0 MM TO 2.5 MM	2.0 MM TO 2.5 MM
TOTAL HEIGHT	345 To 383 MM	385 to 520 MM



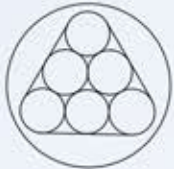
**10KG TO 20 KG
LPG CYLINDER**



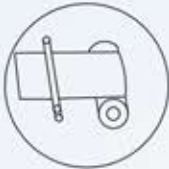
**17 KG. (33.3 LTR)
LPG CYLINDER**

TECHNICAL SPECIFICATIONS

	10KG TO 20 KG LPG CYLINDER	17 KG. (33.3 LTR) LPG CYLINDER
OUTSIDE DIAMETER	300/320 MM MM
MEDIUM	LPG	LPG
CAPACITY	10 KG TO 20 KG.	14.2 KG
WP (MPa)	10 BAR TO 20 BAR	17 KG.
NOMINAL WALL THICKNESS	2.3 MM TO 2.9 MM	2.9 MM
TOTAL HEIGHT	525 to 880 MM



1.Raw Material Reception



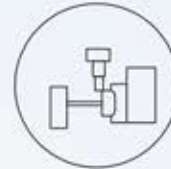
2.De-coil



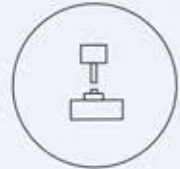
3.Circle Cutting



4.Circle Draw



5.Trimming



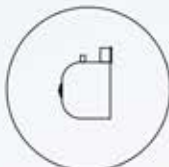
6.Bung Punch



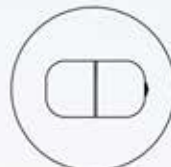
7.Bung Hole



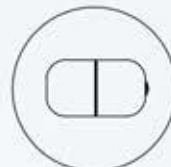
8.Bung Welding



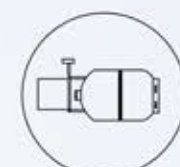
9.Jogging



10.Assembly



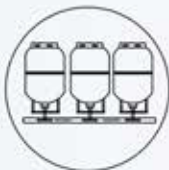
11.Body Welding



12Punching



13.Heat Treatment



14.HST



15.Shot Blast



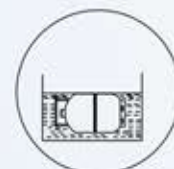
16.Painting & Marking



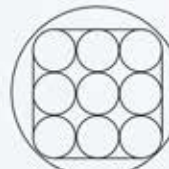
17.Tare weight



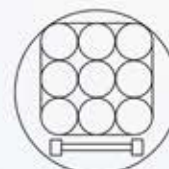
18.Valve Fitting



19.Leakage check



20.Packing



21.Shipping

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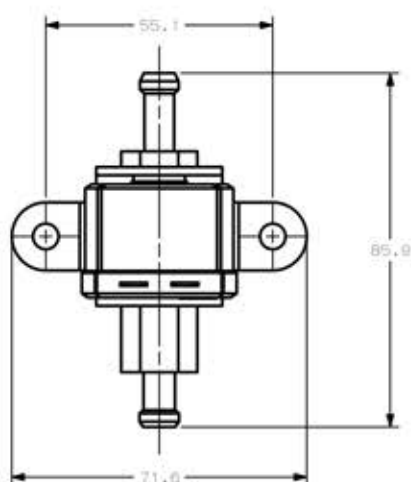


ISO 9001 : 2015

ECE R67

ECE R110





PETROL SOLENOID VALVE (OE-PS-01)

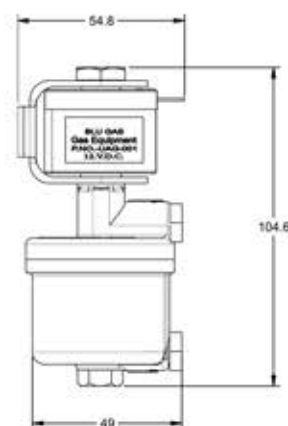
Technical specifications

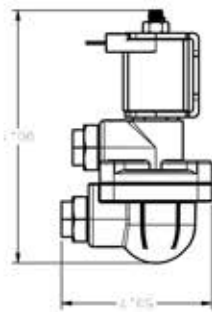
Use	Automotive (only CarboretedEngines)
Kind of Fuel	Gasoline
Function	Close / Open of Gasoline flow
Body	Brass / MS
Working Pressure	2 Bar
Passage Section	12.6 mm 2(4mm)
Electric Feeding	12VDC
Coil power consumption	11W
Dimensions / Weight	87 X 64.5 X 63 mm/ 0.22 Kg

LPG SOLENOID VALVE (OE-LS-B01)

Technical specifications

Material	Brass Forged IS:8737/ BS:218
Working Pressure	20 Bar
Flow capacity	4 mm
Solenoid voltage	12V DC
Inlet / Outlet Connection	M10 x 1 for 6 x 1 pipes
Filtering Capability	10 Micron
Working Temperature	-20°C to + 120°C
Coil power consumption	13W
Dimensions / Weight	54 X 40 X 91 mm/ 0.24 Kg





LPG SOLENOID VALVE (OE-LS-A01)

Technical specifications

Material	Die Cast Aluminium Body
Working Pressure	20 Bar
Flow capacity	4.2 mm
Solenoid voltage	12V DC
Inlet / Outlet Connection	M10 x 1 for 6 x 1 pipes
Filtering Capability	10 Micron
Working Temperature	-20°C to + 120°C
Coil power consumption	13W
Dimensions / Weight	54 X 40 X 91 mm / 0.24 Kg

LPG MULTIFUNCTION VALVES (MODAL-OE-01)

All BLU gas Multivalves are manufactured high-tech processes and 100% tested. Bonfire test brilliantly passed. Available 0°,30°,90° cylindrical tanks, 30 internal toroidal tanks.

Olympic Engineers Pvt Ltd an ISO 9001:2015 certified company. OEPL is well equipped with state of art technology having sophisticated CNC and VMC machines with all in house test facilities to ensure the requirements of international standards. OEPL has got the approval IS: 15100 & IS: 8737 and IS-9798 from the Chief Controller of Explosives (Govt. of India) & Bureau Of Indian Standards (Govt. of India).

Multi Function Valve is the key safety component of the LPG conversion kit which is installed on the LPG tank.

The main functions are:

- 80% Fill Limiter
- Fusible Plug
- Excess flow check
- Pressure Relief valve
- Double Non-Return Valve
- Level Indicator
- Solenoid valve on Outlet
- Manual service valve





GAS TIGHT BOX

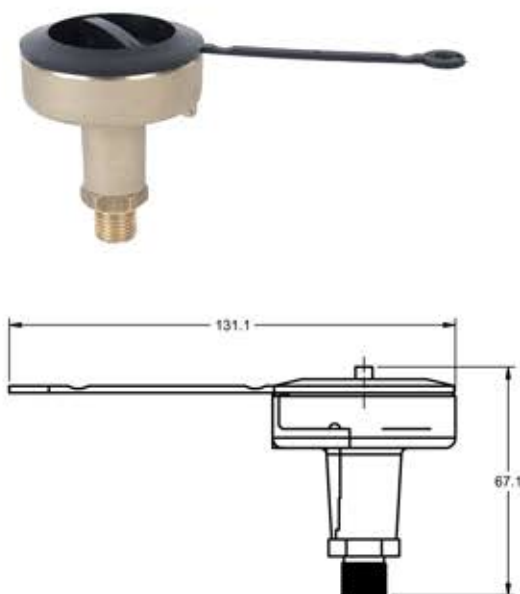
The Gas tight box is safety enclosure of Multifunction Valve for Auto LPG tank and it conveys any gas leakage to outside the vehicle by means of ventilation hoses. The impact resistant secure seal, easy to open and close with two ventilation outlets.

FILLER CONNECTOR

It consists of non return valve that guarantees a highest safety during refueling and normal usage.

MULTIVALVE ANGLE AND SIZE

- 315X30° LIQUID WITHDRAWAL (CYLINDRICAL TANK)
- 315X90° LIQUID WITHDRAWAL (CYLINDRICAL TANK)
- 270X90° LIQUID WITHDRAWAL (CYLINDRICAL TANK)
- 180X 30° TOROIDAL TANK
- 200 X 30° VAPOUR WITHDRAWAL(CYLINDRICALTANK)
- 270 X 0° VAPOUR WITHDRAWAL(CYLINDRICALTANK)



Technical specifications

Material	Hot Forged Brass
Weight	0.93 kg.
Working Pressure	2 Mpa
PRV setting	2.2 Mpa
PRV flow rate	22.4 Nm ³ /min
Prd flow rate	4.2 Nm ³ /min
Filling Speed	16Ltr/min at 10 bar
Coil Voltage	12V DC
Coil power	11W
Automatic 80% cut off/level stop	Yes
Outlet Connection	M10
Inlet Connection	¼" BSP
Excess flow valve	Yes
Outlet Manual Valve	Yes

OEPL LCS-WH-01 FEED BACK SYSTEMS (LAMBDA CONTROL SYSTEMS)

- ✓ ELECTRONIC FEED-BACK SYSTEM FOR CONTROLLING THE FUEL CARBURETION WITH BUILT-IN SWITCH UNIT.
- ✓ Self -Adjusting -4 Emulations-Push Button Switch. Basic ask of feed back systems is to control gas dosage based upon signals: from oxygen sensor (Lambda sensor) RPM from throttle position sensor (TPS) temperature of the reducer. Unit contains fuel tank sensor.



LPG MULTIFUNCTION VALVES (MODAL-OE-01)

The ECU of OEPL is controlled by a microprocessor which processes data coming from various system sensor (Gas pressure, Gas temperature, regulator temperature, Map sensor,RPM).Through an innovative algorithm, the ECU calculates the correct gas injection time and then sends the corresponding electrical signals to the injection unit.

CNG SENSORS AND INDICATORS

Level indicators of OEPL are electronic devices designed to detect the number of fuel CNG available in the tank and send the information to the switches provides with a gauge.



CHANGE OVER SWITCH

The switches of OEPL come standard with fuel level indicators, our switches come in a variety of models for Applications in both carburetted and injection vehicles. The main function of this product is to allow vehicle to convert to themselves to gas fuel supply (CNG/LPG) , and to switch from one fuel to another from petrol to gas . The different modal of switches ensures that they fit optimally in to a vehicle's dashboard.



EMULATOR

The emulator of OEPL is a device that during the gas fuel applying of the car, reproduces or changes the operation of a pre-existing electrical or electronic components in the original car equipment. That the vehicle will function smoothly when the fuel is switched over from petrol to CNG/LPG.

✓ All Type Car Emulator Available.

TIMING ADVANCER PROCESSORS

The timing advancer of OEPL is a device which is capable of modifying the original ignition point which is calculated for gasoline running of the car, so as to adapt to alternative fuel, like CNG & LPG. These gases have a slower combustion time in comparison to gasoline.

- ✓ Crack type
- ✓ All type/cars Available.



LPG SENSORS AND INDICATORS

Level indicators of OEPL are electronic devices designed to detect the number of fuel LPG available in the tank and send the information to the switches provides with a gauge.

- ✓ 0 to 50 ohm & 0 to 90 ohm.



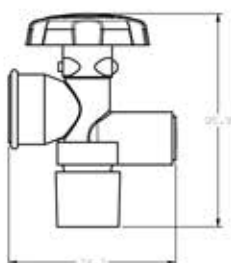
GAS FILTER

OEPL LPG/CNG filter is a brand new improved filter with oil separations; effective filtration combined with ergonomic.

GAS AIR MIXERS

- ✓ This is a Mechanical device which functions on the principal of venture. This ensures Air-fuel mixing in the correct proportions.
- ✓ Thus this device is installed for introducing gaseous fuel to the induction air of the engine.
- ✓ The venture and other dimensions/design of the mix are so developed that different models of Gas-Air mixers are suitable for function on different cars.



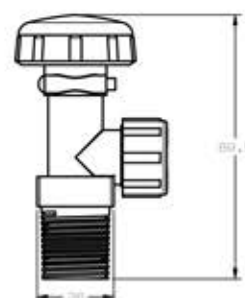


HAND WHEEL TYPE VALVES WITH SAFETY RELIEF (PRV) OR POL VALVE

MODAL NAME	POL VALVE
MODAL NO	OE-POL-1
MEDIUM	LPG
WP (MPa)	20 BAR
INLET THREAD	Ø 23.2x2.0, W28.8 DIN 477/3/4"-14 NGT, W19.8 DIN477, M26X1.5-6G & Ø19.3X1.814
OUTLET CONNECTION	W20.0 x 1.814-LH, Ø21.7X1.814-LH, G5/8-14BSP-LH, 0.885"-14NGO-LH & W21.8 X 1.814-LH DIN477
Working Temperature	26 BAR

HAND WHEEL TYPE VALVES (FRENCH TYPE) OR F TYPE VALVE

MODAL NAME	F TYPE VALVE
MODAL NO	OE-FTV-1
MEDIUM	LPG
WP (MPa)	20 BAR
INLET THREAD	Ø 23.2x2.0, W28.8 DIN 477/3/4"-14 NGT, W19.8 DIN477, M26X1.5-6G & Ø19.3X1.814
OUTLET CONNECTION	W20.0 x 1.814-LH, Ø21.7X1.814-LH, G5/8-14BSP-LH, 0.885"-14NGO-LH & W21.8 X 1.814-LH DIN477



CAMPING VALVES

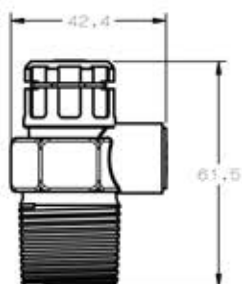
CNG CAMPING VALVE

MODAL NAME	CAMPING VALVE
MODAL NO	OE-CAM-1
MEDIUM	LPG
WP (MPa)	20 BAR
INLET THREAD	Ø 23.2x2.0, W28.8 DIN 477/3/4"-14 NGT , W19.8 DIN477, M26X1.5-6G & Ø19.3X1.814
OUTLET CONNECTION	FROM Ø W20.0 TO Ø 27.0 MM



SELF CLOSING VALVE OR COMPACT VALVE WITH SAFETY RELIEF (PRV) 20 MM SCSR VALVE

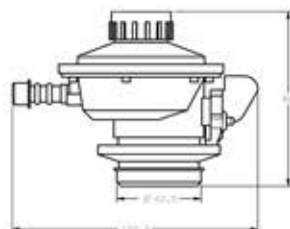
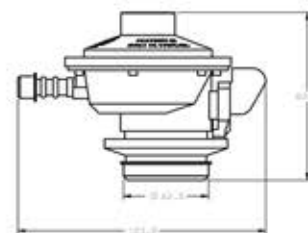
MODAL NAME	SELF CLOSING VALVE WITH SAFETY
MODAL NO.	OE-SC-PRV-1
MEDIUM	LPG
WP (MPa)	20 BAR
INLET THREAD	Ø 23.2x2.0, W28.8 DIN 477/3/4"-14 NGT , W19.8 DIN477, M26X1.5-6G & Ø19.3X1.814
OUTLET CONNECTION	FROM Ø W20.0 TO Ø 27.0 MM
PRV /SAFETY DEVICE	26 BAR



LOW PRESSURE REGULATORS FOR LPG

LPG REGULATOR

MODAL NAME	LPG DPR
MODAL NO	OEPL
MEDIUM	LPG
WP (MPa)	17 BAR TO 20 BAR
INLET DIA	20,21 AND 22 MM
RATING CAPACITY	UP TO 1.5 KG/HR
NOMINAL OUTPUT PRESSURE	28,30, 37 MBAR



LOW PRESSURE REGULATORS FOR LPG WITH CHILD SAFETY LOCK

LPG REGULATOR

MODAL NAME	LPG DPR
MODAL NO	OEPL
MEDIUM	LPG
WP (MPa)	17 BAR TO 20 BAR
INLET DIA	20,21 AND 22 MM
RATING CAPACITY	UP TO 1.5 KG/HR

SINGLE STAGE LOW PRESSURE REGULATOR

MODAL NAME	SINGLE STAGE LOW PRESSURE REGULATOR
MODAL NO	OE-075
MEDIUM	LPG/BUTANE
WP (MPa)	7 BAR TO 17 BAR
INLET CONNECTION	M16X1.5 AND POL NO. 5
NOMINAL OUTPUT PRESSURE	29, 37 MBAR



SINGLE STAGE LOW PRESSURE REGULATOR WITH GAUGE



MODAL NAME	SINGLE STAGE LOW PRESSURE REGULATOR WITH GAUGE
MODAL NO	OE-076
MEDIUM	LPG/BUTANE
WP (MPa)	7 BAR TO 17 BAR
INLET CONNECTION	M16X1.5 AND POL NO 5
NOMINAL OUTPUT PRESSURE	29, 37 MBAR

SINGLE STAGE LOW PRESSURE REGULATOR

MODAL NAME	SINGLE STAGE LOW PRESSURE REGULATOR FOR PROPANE
MODAL NO	OE-077
MEDIUM	PROPANE
WP (MPa)	16 BAR
INLET CONNECTION MEDIUM	POL NO 5
NOMINAL OUTPUT PRESSURE	29, 37 MBAR



SNAP TIGHT REGULATOR



MODAL NAME	SNAP TIGHT REGULATOR
MODAL NO	OE-078
MEDIUM	LPG
WP (MPa)	7 BAR TO 17 BAR
INLET CONNECTION MEDIUM	20/21/22 MM SWITCH ON TYPE
NOMINAL OUTPUT PRESSURE	29, 37 MBAR

LOW PRESSURE REGULATOR DEFLECTED OUTLET

MODAL NAME	LOW PRESSURE REGULATOR DEFLECTED OUTLET
MODAL NO	OE-079
MEDIUM	LPG
WP (MPa)	17 BAR TO 20 BAR
INLET DIA	20,21 AND 22 TO 25 MM
RATING CAPACITY	UP TO 1.5 KG/HR
OUTLET CONNECTION	DEFLECTED TYPE



BLU GAS C-8

MAIN TECHNICAL PARAMETERS

Model	C8
Max. flow-rate (qmax) m ³ /h	Qmax6
Min. flow-rate (qmin) m ³ /h	Qmax 0.04 (option 0.016)
Index Max. reading m ³	99999.999
Temperature range °C	-25°C ~ +55°C
Cyclic volume dm ³	1.2
Max. Working Pressure bar	2
Starting flow rate	0.006



Designed for long life and superior performance Housed in a compact aluminum case, the Model C-8 is a slow revving high capacity gas meter. Its 2 liter per cycle diaphragm operates at a rate 60% slower than its 1.2 liter rivals. This design minimizes the speed of internal components thereby reducing wear and ensuring long term accuracy retention. The C-8 Model has a capacity of 10 m³/h. The outstanding design features of the gas meter such as its tangent control, large cyclic capacity and magnetic drive index provide unparalleled accuracy. The C-8 Model has a low pressure absorption due to the tangent assembly, sliding low friction valves, and large cyclic capacity (2 dm³/cycle), which ensures extended field life and long term accuracy retention. The initial accuracy of a meter is easy to achieve by using calibration to pass initial testing. However; Sustained accuracy over time comes down to the quality, design and construction of the meter. The meter has been designed for long-term stability and extended field life.

Model	Case	V Cyclic	Connection	Flow m ³ /h		Weight	Dimensions (mm)				
		dm ³		Qmin	Qmax		A	B	C	D	E
C8	Alluminium	1.2	1 1/4" gas	0.04 (option 0.016)	6	1.7	110	205	70	200	161

BLU GAS C-10

The C-10 Model gas meter is designed for large domestic or light commercial applications Utilising a compact module, the C-8 provides a designed capacity of 14 m³/h. The meter is designed for extreme weather conditions having a fully sealed hydrophilic coated UV stabilised index, die cast aluminium housing, which is Alodine surface pre-treated followed by baked Woodland Grey Polyester powder coat. The meters inlet / outlet bosses and external dimensions are identical to that of the C-10 Model. While delivering an increased flow channel performance, the C-10 Model meter weighs just 100 grams more than the C-8. This allows domestic gas services to be upgraded to a higher flow capacity without the need to alter the pipe-work at the meter, saving time and money. The outstanding design features of the gas meter such as the tangent control, large cyclic capacity and magnetic drive index provide unparalleled accuracy. The C-10 Model has been designed for long-term use.

MAIN TECHNICAL PARAMETERS

Model	C10	C12
Max. flow-rate (qmax) m ³ /h	10	10
Min. flow-rate (qmin) m ³ /h	0.1	0.14
Index Max. reading m ³	99999.999	99999.999
Weight Kg	2.7	2.75
Cyclic volume dm ³	1.2	1.2
Max. Working Pressure bar	1.5	1.5
Size inch	1" CBS 746	1" CBS 746

HIGH PRESSURE GAS METER G-4

The new Blu Gas -C6 represent latest generation of residential gas meter. Designed for long time accuracy performance

The new Blu Gas -C6 is mainly dedicated for small capacities and LPG applications. A very wide range of solutions is available from traditional meter to smart meter with digital counter; available with built-in on-off valve, mechanical temperature compensation and remote reading retrofit solutions, Blu Gas C series can offer different and flexible solutions for every local market needs.

MAIN FUNCTION AND CHARACTERISTIC

- ✓ Very compact design
- ✓ Long time high accuracy
- ✓ Special version for LPG (butane-propane)
- ✓ LPG version with Q_n start 0,006 m³/h
- ✓ Working pressure up to 2 bar (alu body)
- ✓ Tested up to 3 bar (aluminium)
- ✓ Slot for retrofittable LF pulse transmitter
- ✓ Retrofittable telereading module (by radio = -frequency or gsm/gprs system)

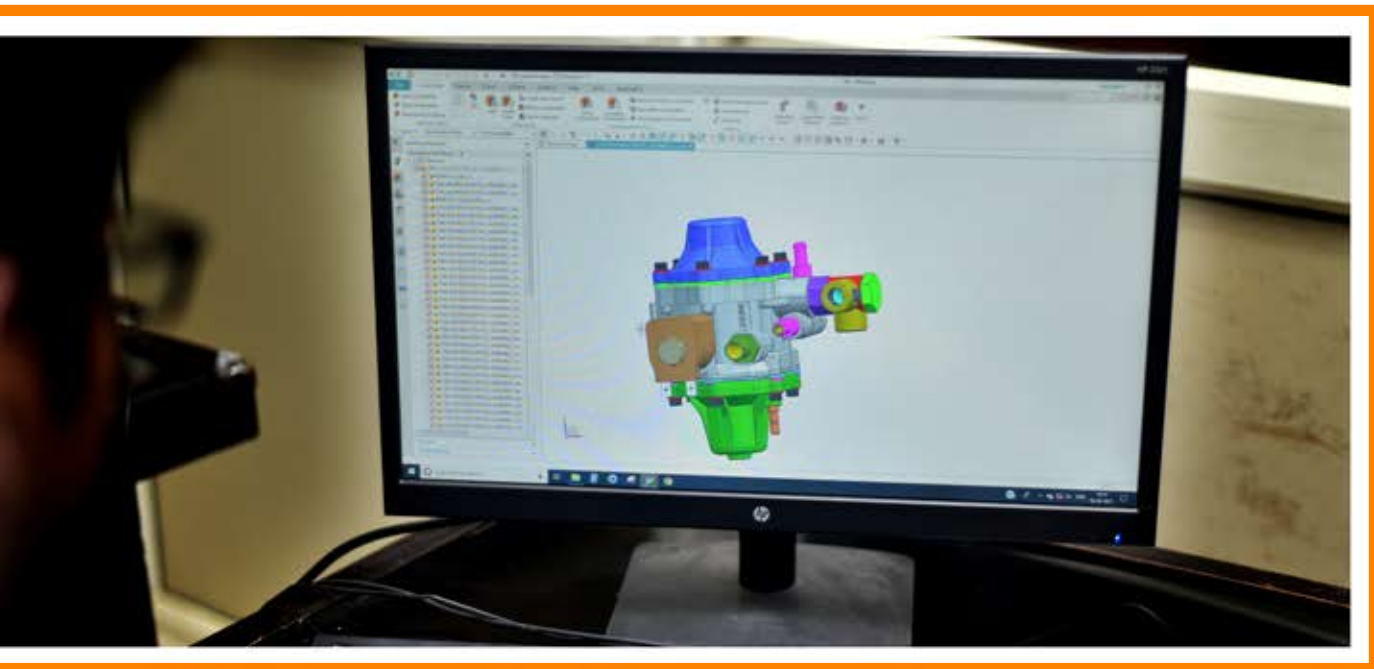
MAXIMUM PROTECTION AGAINST FRAUD AND TAMPERING

- ✓ Patented tamper-proof counter
- ✓ Safety anti back-flow system
- ✓ Magnetic transmission (avoid leakage)

MAIN TECHNICAL PARAMETERS

Model	Blu Gas C-2	Blu Gas C-3	Blu Gas C-4
Nominal flow-rate (q_n) m ³ /h	1.6	2.5	4
Max. flow-rate (q_{max}) m ³ /h	2.5	4	6
Min. flow-rate (q_{min}) m ³ /h	0.016	0.025	0.04
Operating pressure range kPa	0.5~50		
Max. Permissible $q_t \leq q \leq q_{max}$	$\pm 1.5\%$		
Error $q_{min} \leq q < q_t$	$\pm 3\%$		
Total pressure loss (Pa)	≤ 160		
Max. reading m ³	99999.999		
Min. reading m ³	0.0002		
Cyclic volume dm ³	1.2		
Working voltage V	DC6V 4pcs #5 Alkaline battery		
Counting sampling method	Reed Switch or Hall Double Pulse		
Pulse equivalency m ³ /Pulse	0.1 or 0.01		
Static working current A	≤ 20		
Carrier frequency MHZ	470~510		
Transmitting power mW	≤ 50		
Communication speed bps	9600		
Communication distance m	Open field > 3000m Inside building 30~300 mm		
Working way	Half-duplex		
Receiving sensitivity dBm	-120		







CONTACT US

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UNIT -II : UTX ENTERPRISES

Plot no 63, Sec-6, Imt Manesar,
Gurgaon-122051

UNIT III : OLYMPIC ENGINEERS PVT. LTD.

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