



**RS Engineers**



**Quality Gas  
Equipment &  
Services**

*rs-engineers.online  
rs-engineers.in*







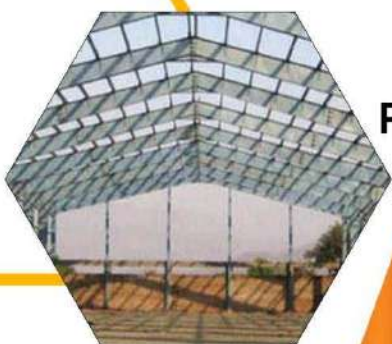
**Hydro testing services  
(Complete Solution  
with Certification)**



**Petrol ,Diesel,Pipeline  
Fabrication Erection  
Testing and Painting**



**Oil & Gas pipeline  
Fabrication Erection,  
Painting ,Testing  
services**



**Heavy Structural work  
Fabrication Erection  
Testing , Painting  
services**



**Air ,Water,all types of  
Pipeline Fabrication,  
Erection ,Painting  
Testing services**



**Complete Solution of  
Plant maintenance  
work**



**Complete Solution of  
Lpg Bottling Plant  
Conveyor system**



**Complete Work of  
Gardening services**



**Complete Solution of  
Civil Work**





**Pressure Gauge  
Calibration Services**



**Hydraulic Pipeline  
Installation  
services.**



**NDT SERVICES**



**Pest Control Services**



**Hippo/Sumo/Maxima  
/jumbo /450Kg  
Cylinder Manifold  
Installation**



**ALL TYPES OF LIQUID  
OFF TAKE (LOT)  
INSTALLATION  
SERVICES**



**Reticulated Gas Bank  
Installation services**



**Vapour off Take  
System (VOT)  
Installation**



**Complete Solutions of  
Fire fighting Work**

**OUR SERVICES**

**RS Engineers**





**Insulation Work  
Services**



**Nitrogen Plant/manifold  
system and pipeline  
Installation Services**



**Laboratory Gas Pipeline  
And Burner  
Installation Complete  
Solutions**



**Oxygen plant /Manifold  
System and pipeline  
Installation services**



**Steam Boiler And  
Pipeline Installation  
services**



**Argon Gas plant /  
Manifold System and  
Pipeline Installation  
services**



**Co2 Gas manifold System  
and Pipeline  
Installation services**



# About Rs Engineers

Rs Engineers is an ISO (9001:2015) certified Government authorized company. For complete solution of oil and gas industries, we have played a versatile role. LOT (Liquid off take), VOT (Vapour off take), Bullet, HSD, Reticulated Gas bank Installation, All types of pipelines like LPG, Petrol, Diesel, Propane, Oxygen, Nitrogen, Helium, ammonia, and all Natural gas pipeline Fabrication, Erection, testing, Painting, we also specialise in Hydro testing and all type of Structural work. We have developed and maintained a comprehensive engineering practice based on the principles of quality and client satisfaction.



Our mission is to provide Best and Secure services at adequate rate. We have been focused on achieving this goal since the firm's inception in 2007. Rs Engineers offers a broad range of Commercial Kitchen Equipment's for Hotels, Restaurants, Hospitals, Food Courts, Educational Institutions, Industrial Canteens, LPG Gas Pipeline Systems, Exhaust Systems and Facilitates Maintenance & Services. The firm's multidisciplinary approach offers clients comprehensive, cost-effective solutions to their most challenging situations. Rs Engineers have a Authorized Vendor of Hindustan Petroleum corporation limited, Indian oil Corporation limited, Bharat Petroleum Corporation Limited, Super Gas Pvt Ltd, Maharashtra Natural Gas Corporation Limited, Mahanagar Gas limited etc. We work in Bottling plant, Deport plant. As a Authorized vendor by participate in tender floated by above mentioned company. We always intend to provide our clients a very safe LPG pipeline confirming to all the relevant code of practice. We had already installed Gas leak alarm system in Domestic and Commercial units. We support our client by

ABOUT US

Rs Engineers



undertaking annual maintenance contracts, wherein our dedicated team of Engineers is always available on call for any problem at site. Also as per requirement our AMC boys are stationed for duty at site for 24 hours for rectifying all problems in order to avoid inconvenience for the clients. LPG Reticulated System a gas bank. This high profile extreme busy tycoon's need is best possible amenity in apartment. Pipeline gas with Meter provision, (no cylinder home) facility of endless use of gas is their first choice. All the reputed Builders therefore have included, this value added system in their Projects. Rs Engineers, Established in India since 2007 RSE has built a reputation as a leading LPG/PNG installer with a truly national presence having experience of more than 500 Installation across India. Popularly known by the brand. Rs Engineers is recognized for its Technical Excellence, Business Ethics, Strong Values, Excellent Customer service and its strong commitment to Safety. With our vast experience in LPG/PNG Installation across the India, we have also come up with many Products, Services related to LPG/Natural Gas We are an established company with an excellent track record for the best customer satisfaction. We have never compromised on the quality and the services provided to the customer. Our company has High skilled and experienced staff, technicians and engineers. The company has most modern and sophisticated machine tools and equipment Company is equipped with various testing equipment and instruments facility where each of our products goes through rigorous testing and inspection.



## **Rs Engineers** Key Markets Include

- LOT, VOT, Bullet, Reticulated, Multi cylinder Gas Bank.
- Natural Gas Pipe Line Installations.



- Hotels, Canteen & Restaurants.
- Education & Commercial Laboratory.
- Food Industries.
- Annual Maintenance of plant and Gas Equipment system.



## Who We Are?

We have always taken effective measure in order to maintain our quality standards. Our team of qualified professionals keep themselves updated about the latest market standards so as to fulfil the customers' demands. These products and services are undergone stringent quality examinations at definite intervals of time in order to detect the flaws and faults. Owing to our customer-centric approach reliability of the service offered, trusted vendor-base and prompt delivery of the products and services, we have established a rapport in the industry. All our services are offered in confirmation with the international standards and norms.



## What **RS Engineers** Offers?

Designing, Installation and commissioning of the LPG systems. Arrange / conduct periodical inspection and maintenance.

After sales, service and support is provided on call or AMC basics.

Assurance of continuous supply of LP Gas from oil companies.

24-Hour Emergency Service Contract of Annual maintenance, billing, collection, and gas supply.

Industrial and commercial installations LOT and bulk storage pipeline systems.

Providing training to the consumers and maintenance staff.









**इंडियन ऑयल कॉर्पोरेशन लिमिटेड**  
**Indian Oil Corporation Limited**  
 Secretariat Department

**WORK COMPLETION CERTIFICATE**

Date 29/08/2015  
 certificate of completion  
 DAY / DATE / PLACE -Aurumb (29/08/2015)

I hereby affirm, to the best of my knowledge and belief, based on inspections, observations, testing of the pipeline and upon reports submitted by others, that this Gas pipeline project is substantially complete and operable. The Log Gas pipe was completed in accordance with the department's issued project permit.

**CONTRACTOR INFORMATION**  
 M/s Rs Engineers  
 Gat no-1458, Near parvati complex, Mahetare wasti Chikhal Pune-411062

**PROJECT DESCRIPTION**  
 This space is provided to write project description.  
 Pipeline project begin date: 06/04/2014  
 Substantial completion date: 10/02/2015  
 Physical completion date: 02/08/2015  
 Completion date: 29/08/2015

Certified by

**BHARAT PETROLEUM CORPORATION LIMITED**  
 URAN TERMINAL, URAN  
 Navghar Industrial Estate, Behind MSEB Gas Turbine Unit, P.B.No:8.  
 District: Raigad, Bokadivra, Uran  
 Dist-Raigad - 400702.

**Work completion certificate**

We hereby certified that M/s RS Engineer (Address-Gat number 1458 near Parvati Complex mhetre wasti Chikhal Pune Maharashtra-411062)

they have done the work of gas pipeline, we are all satisfied with their work, there is no answer to their quality, hope that in future also we will maintain our quality.

He has completed the work of LPG gas pipeline ahead of time, the behaviour of his owner and worker is the best, he showed that he worked with complete safety care during the work, all the officers are completely satisfied with the work of these and the future.

I would expect to get such work done, he completed the LPG pipeline with complete safety, The Successful completed gas pump installation, Fire Pump, jockey pump installation and 12" Log Gas pipeline with 100% Radiography done and found ok.

**Bharat Petroleum Corporation Limited**

**SUPERGAS™**

**certificate of completion**

I hereby affirm, to the best of my knowledge and belief, based on inspections, observations, testing of the construction and upon reports submitted by others, that Log Gas Pump installation is substantially complete and operable. Pump installation was completed in accordance with the department's issued construction permit.

**CONTRACTOR INFORMATION**  
 Rs Engineers  
 Office No-513, F&B Floor capital Square Chakan Industrial Area, Phase IV, Village Riga Chakan, Taluka-Thad. Dist: Pune -410501

**PROJECT NAME**  
 Log Pump Installation at Chakan Log Bottling Plant

**PROJECT DESCRIPTION**  
 Fabrication Erection, of Log Pump Installation with connection Pipeline.  
 Construction begin date: 19/11/2010  
 Substantial completion date: 22/11/2020  
 Physical completion date: 21/11/2020  
 Completion date: 24/11/2020

For, SHV Energy Private Limited  
 Cdr. A.S. Chavhan (Rd) (Rd)  
 Vice President

**हिन्दुस्तान पेट्रोलियम कॉर्पोरेशन लिमिटेड**  
**INDUSTAN PETROLEUM CORPORATION LIMITED**  
 ISO 9001 - 2000

**Work completion certificate**

We are happy to inform that RS Engineer (Address-Gat number 1458 near Parvati Complex mhetre wasti Chikhal Pune Maharashtra-411062) they have done the work of gas pipeline, we are all satisfied with their work, there is no answer to their quality, hope that in future also we will maintain our quality. He has completed the work of LPG gas pipeline ahead of time, the behaviour of his owner and worker is the best, he showed that he worked with complete safety care during the work, all the officers are completely satisfied with the work of these and the future. I would expect to get such work done, he completed the LPG pipeline with complete safety, he did the gas pump installation, did the 10-inch pipeline installation, did the fire pump installation, we are completely satisfied with all the work.

**For M/s. Hindustan Petroleum Corporation Ltd.**  
 S. K. Pradhan  
 Executive Engineer,  
 Hindustan Petroleum Corp. Ltd  
 Kandla Project.

**LODHA**  
 MACROTECH DEVELOPERS LIMITED  
 412, Floor - 4, 17G Vardhaman Chamber, Casarji Patel Rd, Horniman Circle, Fort, Mumbai - 400001  
 GSTIN NO : 27AAACL1490J1ZG PAN NO : AAACL1490J

**Certificate of Completion**

To whomsoever, it may Concern,

This is to certify that Rs Engineers, our contractor, has successfully completed PNG pipeline in 412, Floor - 4, 17G Vardhaman Chamber, Casarji Patel Rd, Horniman Circle, Fort, Mumbai - 400001 on 26-08-2019. We have finished the contract work well before the scheduled date of completion.

Title of the project: PNG Pipeline work

Work order number: 7808133179

Work period: 26-08-2019 to 27-12-2019

We want to assure you that our work is of the highest standards. We wish you the best and hope to work with you again in the near future.

With Regards,



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The specifications and availability of the products in this Catalog may vary from time to time due to continuous development and upgrades. While all efforts have been taken to document every detail to perfection, we request our clients to verify the same at the time of making a purchase. All images, brands and designs are subject to copyrights.



Needle valves are used as flow control devices. We have two types of needle valves suitable for high pressure applications upto 250 kg/cm<sup>2</sup>. V 6104 has inlet and outlet at right angle and V 6105 has inlet outlet in straight line. These needle valves can be used for all gases and the material of construction will depend on the type of gas.



PRODUCT	Needle Valve High Pressure Right Angle
PRODUCT CODE	V-6104
SPECIFICATIONS	Working Pressure 250 kg/cm <sup>2</sup>
	Test Pressure 375 kg/cm <sup>2</sup>
	End Connection ¼", ⅜" BSPM
	Medium CNG, Hydrogen, Air, Nitrogen, Oxygen, Acetylene, Argon
BRANDS AVAILABLE	VANAZ



PRODUCT	Needle Valve High Pressure Straight
PRODUCT CODE	V-6105
SPECIFICATIONS	Working Pressure 250 kg/cm <sup>2</sup>
	Test Pressure 375 kg/cm <sup>2</sup>
	End Connection ¼", ⅜", ½" BSPM
	Medium CNG, Hydrogen, Air, Nitrogen, Oxygen, Acetylene, Argon
BRANDS AVAILABLE	VANAZ

Line valves are used as isolation valve. V 4913 is having brass forged body and metallic seat. It is suitable for high pressure application working pressure 250 kg/cm<sup>2</sup>.



PRODUCT	Line Valve Female
PRODUCT CODE	V-4913 II
SPECIFICATIONS	Working Pressure 250 kg/cm <sup>2</sup>
	Test Pressure 375 kg/cm <sup>2</sup>
	End Connection 1" BSPF
	Medium CNG, Hydrogen, Air, Nitrogen, Oxygen, Carbon Dioxide
BRANDS AVAILABLE	VANAZ



PRODUCT	Line Valve Male
PRODUCT CODE	V-4913
SPECIFICATIONS	Working Pressure 250 kg/cm <sup>2</sup>
	Test Pressure 375 kg/cm <sup>2</sup>
	End Connection 1 ½" BSPM
	Medium CNG, Hydrogen, Air, Nitrogen, Oxygen, Acetylene, Argon
BRANDS AVAILABLE	VANAZ



A safety relief valve opens automatically when pressure increases and shuts off as soon as the pressure decreases below the set limit. V 7713 and V 7715 have metal to metal seat and are suitable for high pressure applications up to 200 kg/cm<sup>2</sup>. V 7732, V 7734, V 7738, V 7744 and V 7745 have soft seat and are available at prescribed set pressures. V 4905 can be used for low pressure applications. We can deliver SRV for all gases and material of construction will depend on the type of the gas.



PRODUCT	Safety Relief Valve	
PRODUCT CODE	V-7713 / 7715	
SPECIFICATIONS	Set Pressure Range	20 to 200 Bar
	End Connection	½", ¾", 1" BSPF as per requirement.
	Medium	CNG, LPG, Carbon Dioxide, Nitrogen, Air, Hydrogen, Argon etc.
	Body	SS
BRANDS AVAILABLE	VANAZ	



PRODUCT	Safety Relief Valve	
PRODUCT CODE	V-7734	
SPECIFICATIONS	Set Pressure	up to 1 to 10 bar
	End Connection	½", ¾" BSP as per requirement. M/F
	Medium	CNG, LPG, Carbon Dioxide, Nitrogen, Air, Argon etc.
	Body	Brass
BRANDS AVAILABLE	VANAZ	



PRODUCT	Safety Relief Valve	
PRODUCT CODE	V-7744	
SPECIFICATIONS	Maximum Set Pressure	10 to 110 Bar
	End Connection	½", ¾", 1" BSPF as per requirement.
	Medium	CNG, LPG, Carbon Dioxide, Nitrogen, Air, Argon, Oxygen etc.
	Body	Brass
BRANDS AVAILABLE	VANAZ	



PRODUCT	Safety Relief Valve	
PRODUCT CODE	V-7745	
SPECIFICATIONS	Set Pressure range	0.3 to 12 bar
	End Connection	1" BSPF
	Medium	LPG, Natural Gas, Nitrogen, Oxygen, Carbon Dioxide
	Body	CS
BRANDS AVAILABLE	VANAZ	

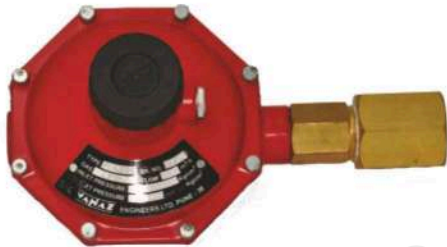




PRODUCT	Safety Relief Valve	
PRODUCT CODE	V-7738 Diaphragm Type	
SPECIFICATIONS	Set Pressure	0.03 to 0.5 Bar
	End Connection	1", 1½" or 2" BSPF
	Medium	Natural Gas, LPG, Carbon Dioxide, Nitrogen, Air etc.
BRANDS AVAILABLE	VANAZ	



PRODUCT	Safety Relief Valve	
PRODUCT CODE	V-7732	
SPECIFICATIONS	Set Pressure range	0.5 to 12 bar
	End Connection	1½" or 2" BSPF
	Medium	LPG, Natural Gas, Carbon Dioxide, Nitrogen, Oxygen
BRANDS AVAILABLE	VANAZ	



PRODUCT	Safety Relief Valve	
PRODUCT CODE	V-4905	
SPECIFICATIONS	Set Pressure range	0.03 to 0.5 bar
	End Connection	½" BSPF
	Medium	LPG, Natural Gas, Nitrogen, Oxygen, Carbon Dioxide
BRANDS AVAILABLE	VANAZ	



Flame arrestors are used to arrest the flame from reaching the highly dense area of fuel, incase of backfire and thus avoid accident and explosions. When a flammable gas escapes through the safety relief valve to atmosphere it must pass through the flame arrestor which will prevent the occurrence of accidents/backfire. The flame arrestor should be installed prior to the burner to avoid flame propagation into the upstream line due to backfire.



PRODUCT	Flame Arrester with in-built NRV
PRODUCT CODE	R-9102 / 9104
SPECIFICATIONS	Maximum Working Pressure 20 Kg/cm <sup>2</sup>
	End Connection ½", ¾", 1" BSPF as per requirement.
	Medium CNG, LPG, Carbon Dioxide, Nitrogen, Air, Hydrogen, Argon etc.
BRANDS AVAILABLE	VANAZ



PRODUCT	Flame Arrester with in-built NRV
PRODUCT CODE	R-9109 / 9109 I
SPECIFICATIONS	Maximum Working Pressure 20 kg/cm <sup>2</sup>
	End Connection R 9109, 1½" BSPF
	R 9109 I, 2" BSPF
	Medium LPG, Natural Gas
BRANDS AVAILABLE	VANAZ



PRODUCT	Flame Arrester with in-built NRV
PRODUCT CODE	R-9110 / 9111
SPECIFICATIONS	Maximum Working Pressure 20 kg/cm <sup>2</sup>
	End Connection R 9110 ½", ¾"-1" BSPF
	R 9111 1 ½", 2" BSPF
	Medium Oxygen, LPG, Natural Gas & Acetylene
BRANDS AVAILABLE	VANAZ

## AUTO CHANGE OVER

Auto changeovers are working on a pressure principle and switch the side of supply according to a set pressure drop which activates the switchover. The auto changeover can also be manufactured for liquid LPG systems.



PRODUCT	Auto Changeover
PRODUCT CODE	R-9501
SPECIFICATIONS	R 9501 in 2202 model for 50kgs/hr
	Outlet set pressure 1.2 kg/cm <sup>2</sup>
	Inlet pressure 1 to 17 kg/cm <sup>2</sup>
	End Connection ½" BSPF
	Suitable for Vapour LPG
BRANDS AVAILABLE	VANAZ



These regulators are used in pressure reducing system for Natural gas or LPG. They are used to reduce the natural gas pressure from 4 to 6 kg/cm<sup>2</sup> to 75mbar before supplying it to the domestic feeder line. These regulators are having built in over pressure shut off and under pressure shut off valve and creep relief valve (safety relief valve). They can also be installed for LPG / NG Reticulated system in buildings / Apartments and for imported automatic burners.



PRODUCT	Service Regulator
PRODUCT CODE	R-4416 / 4416 II / 4418 III UPSO, OPSO & CRV
SPECIFICATIONS	Inlet Pressure Range 0.5 - 6 kg/cm <sup>2</sup>
	Outlet Pressure Range 100-300 mbar with OPSO UPSO CRV
	Gas Flow Rate 6/10/25/50 Nm <sup>3</sup> /hr.
	End Connection ¾" x 1" BSPF or 1" x 1½" BSPF Gas : Natural Gas, LPG
	OPSO set at 40% higher than set outlet pressure
	UPSO set at 20% below set outlet pressure
	CRV set at 35% higher than set outlet pressure. As per EN88-2
BRANDS AVAILABLE	VANAZ



PRODUCT	Service Regulator
PRODUCT CODE	R-4410 UPSO, OPSO & CRV
SPECIFICATIONS	Inlet Pressure Range 0.5 - 5 kg/cm <sup>2</sup>
	Outlet Pressure Range 30-200 mbar with OPSO UPSO CRV
	Gas Flow Rate 65 Nm <sup>3</sup> /hr. End Connection 1" BSPF
	Gas Natural Gas, LPG
	OPSO set at 40% higher than set outlet pressure
	UPSO set at 20% below set outlet pressure
	CRV set at 35% higher than set outlet pressure
BRANDS AVAILABLE	VANAZ



PRODUCT	Service Regulator
PRODUCT CODE	R-4411 OPSO, UPSO & CRV
SPECIFICATIONS	Inlet Pressure Range 0.5- 5 kg/cm <sup>2</sup>
	Outlet Pressure Range 0.1-1 kg/cm <sup>2</sup>
	Gas Flow Rate 100 Nm <sup>3</sup> /hr.
	End Connection 1" BSPF Gas : Natural Gas, LPG
	OPSO set at 40% higher than operating pressure
	UPSO set at 20% lower than operating pressure
	CRV set at 35% higher than set pressure As per EN88-2
BRANDS AVAILABLE	VANAZ



PRODUCT	Service Regulator
PRODUCT CODE	R-4405 OPSO
SPECIFICATIONS	Inlet Pressure Range 0.5- 5 kg/cm <sup>2</sup>
	Outlet Pressure Range 0.03 -1 kg/cm <sup>2</sup> with OPSO
	Gas Flow Rate 30 Nm <sup>3</sup> /hr.
	End Connection 1" BSPF
	Gas Natural Gas, LPG
	OPSO set at 40% higher than operating pressure
BRANDS AVAILABLE	VANAZ



These regulators are having preset outlet pressure. However the outlet pressure can be slightly adjusted by rotating the spring adjusting screw. The Industrial Pressure Regulator R-4109 is available with 5 different types of preset outlet pressures. These are suitable for canteen, restaurants & small Industrial Furnaces.

R-4110 is a low pressure medium flow pressure regulator, mainly used for Industrial Furnaces & other gas appliances. R-4202 regulator is mainly suitable for Natural Gas.

These regulators are low pressure low flow rate, pressure regulators. These are mainly used where the inlet pressure is varying in a wider range. These regulators are suitable for small to medium size furnaces. Preset pressure reducing models.



PRODUCT	Preset Pressure Reducer
PRODUCT CODE	R-4109
SPECIFICATIONS	Inlet Pressure Range 1 - 17 Kg/cm <sup>2</sup>
	Outlet Pressure Range(A) 0.03 Kg/cm <sup>2</sup> , (B) 0.3 Kg/cm <sup>2</sup> , (C) 0.7 Kg/cm <sup>2</sup> , (D) 1 Kg/cm <sup>2</sup> , (E) 1000 Mmwc
	Max Flow Rate : (A) 5 Nm <sup>3</sup> /Hr, (B) 28 Nm <sup>3</sup> /Hr, (C) 28 Nm <sup>3</sup> /Hr, (D) 28 Nm <sup>3</sup> /Hr, (E) 8 Nm <sup>3</sup> /Hr
	End Connection Inlet: 21.8 X 14 TPI (L.H) Female Union Nut, Outlet: ½" BSPF
	Gas : LPG, Nitrogen, Hydrogen, Acetylene, Argon, Natural Gas, Air, Carbon Dioxide
BRANDS AVAILABLE	VANAZ



PRODUCT	Preset Pressure Reducer
PRODUCT CODE	R-4110
SPECIFICATIONS	Inlet Pressure Range 1-17 kg/cm <sup>2</sup>
	Outlet Pressure Range 0.03- 0.3 kg/cm <sup>2</sup>
	Max Flow Rate 30 Nm <sup>3</sup> /hr.
	End Connection Inlet ½" BSPF / Outlet: ¾" BSPF
	Gas LPG, Natural Gas, Nitrogen, Hydrogen, Carbon Dioxide
BRANDS AVAILABLE	VANAZ



PRODUCT	Preset Pressure Reducer
PRODUCT CODE	R-4110 II
SPECIFICATIONS	Inlet Pressure Range 1-17 kg/cm <sup>2</sup>
	Outlet Pressure Range 0.03- 0.3 kg/cm <sup>2</sup>
	Max Flow Rate 40 Nm <sup>3</sup> /hr.
	End Connection Inlet 1" BSPF / Outlet: 1" BSPF
	Gas LPG, Natural Gas, Nitrogen, Hydrogen, Carbon Dioxide
BRANDS AVAILABLE	VANAZ



PRODUCT	Preset Pressure Reducer
PRODUCT CODE	R-4202
SPECIFICATIONS	Inlet Pressure Range 1-17 kg/cm <sup>2</sup>
	Outlet Pressure Range (a) 0.03 kg/cm <sup>2</sup> , flow 10 Nm <sup>3</sup> /hr.
	(b) 0.5 kg/cm <sup>2</sup> , flow 30 Nm <sup>3</sup> /hr.
	End Connection ½" BSPF
	Gas Natural Gas and LPG
BRANDS AVAILABLE	VANAZ

#### ADJUSTABLE COMMERCIAL REGULATOR

R-2202 is mainly used as adjustable pressure regulator for LPG / Natural Gas in canteen restaurants & for small furnaces / ovens.



PRODUCT	Adjustable Commercial Regulator
PRODUCT CODE	VANAZ R-2202/2202 I
SPECIFICATIONS	Inlet Pressure : Range 0.5 - 17 kg/cm <sup>2</sup> Outlet Pressure Range : 0.2 - 2 kg/cm <sup>2</sup>
	Gas Flow Rate : 25 Nm <sup>3</sup> /hr. End Connection Inlet : 21.8 x 14 TPI L.H. Union nut
	Outlet: ¼" BSPF Gas : LPG, Natural, Carbon Dioxide, Nitrogen, Argon & Air
	Available in Brass R 2202 & Aluminum body R 2202 I
	Also available in ½" BSPF and union nut on request
BRANDS AVAILABLE	VANAZ



These regulators are having wider outlet pressure range. The outlet pressure can be easily adjusted by rotating the knob of spring adjusting screw. By rotating the knob anticlockwise the outlet pressure is reduced & by rotating it clockwise the outlet pressure is increased. These regulators are mainly used as first stage pressure regulator in the LPG / Natural gas pressure reducing system.



PRODUCT	Adjustable Pressure Regulator	
PRODUCT CODE	R-2301	
SPECIFICATIONS	Inlet Pressure Range	1-19 kg/cm <sup>2</sup>
		(a) 0.5 - 2 Kg/cm <sup>2</sup>
		(b) 0.5 - 4 Kg/cm <sup>2</sup>
		(c) 0.5 - 10 Kg/cm <sup>2</sup>
	Gas Flow Rate	100 Nm <sup>3</sup> /hr.
	End Connection	1" BSPF
	Gas	LPG, Natural Gas, Nitrogen
	(Aluminium Body Aluminium Bonnet)	
	Option of outlet pressure gauge available at extra cost	
BRANDS AVAILABLE	VANAZ	



PRODUCT	Adjustable Pressure Regulator	
PRODUCT CODE	R-2301 II	
SPECIFICATIONS	Inlet Pressure Range	15-200 kg/cm <sup>2</sup>
	Outlet Pressure Range	1-10 kg/cm <sup>2</sup>
	Gas Flow Rate	100 Nm <sup>3</sup> /hr.
	End Connection	1" BSPF
	Gas	Argon, Hydrogen and Nitrogen
	(Brass Body Aluminium Bonnet)	
BRANDS AVAILABLE	VANAZ	



PRODUCT	Adjustable Pressure Regulator	
PRODUCT CODE	R-2301 III/IV	For Carbon Dioxide For Oxygen
SPECIFICATIONS	R-2301 III	R-2301 IV
	Inlet Pressure Maximum	15 - 200 kg/cm <sup>2</sup> 200 Kg/cm <sup>2</sup>
	Outlet Pressure Range	1-10 kg/cm <sup>2</sup> 0.5-10 kg/cm <sup>2</sup>
	Gas Flow Rate	100 Nm <sup>3</sup> /hr. 100 Nm <sup>3</sup> /hr.
	End Connection	1" BSPF 1" BSPF
	(Brass Body CS Bonnet)	
BRANDS AVAILABLE	VANAZ	



PRODUCT	Adjustable Pressure Regulator	
PRODUCT CODE	R-2323, 2323 II	
SPECIFICATIONS	Inlet Pressure Range	1-19 kg/cm <sup>2</sup>
	Outlet Pressure Range	(a) 0.5 - 2 Kg/cm <sup>2</sup>
		(b) 0.5 - 4 Kg/cm <sup>2</sup>
		(c) 0.5 - 10 Kg/cm <sup>2</sup>
	Gas Flow Rate	100 Nm <sup>3</sup> /hr.
	End Connection	1" Flanged ANSI #150 R-2323
		1" Flanged ANSI #300 R-2323 II
	Gas	LPG, Natural Gas, Nitrogen
	(CS Body Aluminium Bonnet)	
BRANDS AVAILABLE	VANAZ	





PRODUCT	Adjustable Pressure Regulator
PRODUCT CODE	R-2342 / 2337 / 2337 <b>II</b>
SPECIFICATIONS	Inlet Pressure Maximum 19 kg/cm <sup>2</sup>
	Outlet Pressure Range 0.5 - 4 kg/cm <sup>2</sup>
	Gas Flow Rate 150 Nm <sup>3</sup> /hr.
	End Connection R-2342 1" BSPF ,
	R-2337 1" Flanged ANSI #150 for Vapour
	R-2337 <b>II</b> 1" Flanged ANSI #300 for liquid
	Gas LPG
BRANDS AVAILABLE	VANAZ



PRODUCT	Adjustable Pressure Regulator
PRODUCT CODE	R-2343 / 2338 / 2338 <b>II</b>
SPECIFICATIONS	Inlet Pressure Maximum 19 kg/cm <sup>2</sup>
	Outlet Pressure Range 0.5 - 4 kg/cm <sup>2</sup>
	Gas Flow Rate 350 Nm <sup>3</sup> /hr.
	End Connection R-2343 1½" BSPF ,
	R-2338 1½" Flanged ANSI # 150 for Vapour
	R-2338 <b>II</b> 1½" Flanged ANSI # 300 for liquid
	Gas LPG
BRANDS AVAILABLE	VANAZ



PRODUCT	Adjustable Pressure Regulator
PRODUCT CODE	R-2344 / 2339 / 2339 <b>II</b>
SPECIFICATIONS	Inlet Pressure Maximum 19 kg/cm <sup>2</sup>
	Outlet Pressure Range 0.5 - 4 kg/cm <sup>2</sup>
	Gas Flow Rate 400 Nm <sup>3</sup> /hr.
	End Connection R-2344 2" BSPF ,
	R-2339 2" Flanged ANSI # 150 for Vapour
	R-2339 <b>II</b> 2" Flanged ANSI # 300 for liquid
	Gas LPG
BRANDS AVAILABLE	VANAZ



PRODUCT	Adjustable Pressure Regulator
PRODUCT CODE	R-2340 / 2340 <b>II</b>
SPECIFICATIONS	Inlet Pressure 19 kg/cm <sup>2</sup>
	Outlet Pressure Range 0.5 - 10kg/cm <sup>2</sup>
	Gas Flow Rate 600 Nm <sup>3</sup> /hr.
	End Connection R-2340 3" Flanged in ANSI # 150 for Vapour
	R-2340 <b>II</b> 3" Flanged in ANSI # 300 for Liquid
	for liquid LPG 2318 Bonnet
	Gas LPG
BRANDS AVAILABLE	VANAZ



PRODUCT	Adjustable Pressure Regulator
PRODUCT CODE	R-2341 / 2341 <b>II</b>
SPECIFICATIONS	Inlet Pressure 19 kg/cm <sup>2</sup>
	Outlet Pressure Range 0.5 - 10kg/cm <sup>2</sup>
	Gas Flow Rate 1000 Nm <sup>3</sup> /hr.
	End Connection R-2341 4" Flanged in ANSI #150 for Vapour
	R-2341 <b>II</b> 4" Flanged in ANSI # 300 for Liquid
	2318 Bonnet
	Gas LPG
BRANDS AVAILABLE	VANAZ



These Regulators are mainly used for LP gas pressure reducing system. They are also used in steel industries for high pressure oxygen lancing purpose and for pressure reducing systems for high pressure Gas manifolds.



PRODUCT	Adjustable Pressure Regulator	
PRODUCT CODE	R-2325	
SPECIFICATIONS	Inlet Pressure Range	19 kg/cm <sup>2</sup>
	Outlet Pressure Range	0.5 - 8 kg/cm <sup>2</sup>
	Gas Flow Rate	100 Nm <sup>3</sup> /hr.
	End Connection	1" BSPF
	Gas	Medical Oxygen, Carbon Dioxide and Oxygen (Brass Body Brass Bonnet)
BRANDS AVAILABLE	VANAZ	



PRODUCT	Adjustable Pressure Regulator	
PRODUCT CODE	R-2304 / 2304 II	
SPECIFICATIONS	Inlet Pressure Maximum	19 kg/cm <sup>2</sup>
	Outlet Pressure Range	0.5-10 kg/cm <sup>2</sup>
	Gas Flow Rate	250 Nm <sup>3</sup> /hr.
	End Connection	1½" BSPF for 2304 2" BSPF for 2304 II
	Gas	LPG, Natural Gas and Nitrogen (CS Body Aluminium Bonnet)
BRANDS AVAILABLE	VANAZ	



PRODUCT	Adjustable Pressure Regulator	
PRODUCT CODE	R-2316 / 2316 II	
SPECIFICATIONS	Inlet Pressure Maximum	19 kg/cm <sup>2</sup>
	Outlet Pressure Range	0.5-10 kg/cm <sup>2</sup>
	Gas Flow Rate	250 Nm <sup>3</sup> /hr.
	End Connection	1½" Flanged end ANSI # 150 for 2316 1½" Flanged end ANSI # 300 for 2316 II
	Gas	LPG, Natural Gas and Nitrogen (CS Body Aluminium Bonnet)
BRANDS AVAILABLE	VANAZ	



PRODUCT	Adjustable Pressure Regulator	
PRODUCT CODE	R-2317 / 2317 II	
SPECIFICATIONS	Inlet Pressure Maximum	19 kg/cm <sup>2</sup>
	Outlet Pressure Range	0.5-10 kg/cm <sup>2</sup>
	Gas Flow Rate	250 Nm <sup>3</sup> /hr.
	End Connection	2" Flanged end ANSI # 150 for 2317 2" Flanged end ANSI # 300 for 2317 II
	Gas	LPG, Natural Gas and Nitrogen (CS Body Aluminium Bonnet)
BRANDS AVAILABLE	VANAZ	





PRODUCT	Adjustable Pressure Regulator
PRODUCT CODE	R-6412
SPECIFICATIONS	Inlet Pressure Maximum 19 kg/cm <sup>2</sup>
	Outlet Pressure Range 0.5 -10 kg/cm <sup>2</sup>
	Gas Flow Rate 600 Nm <sup>3</sup> /hr.
	End Connection R-6412: 3" Flanged in ANSI # 150
	2301 Bonnet
	Gas LPG, Natural Gas and Nitrogen
BRANDS AVAILABLE	VANAZ



PRODUCT	Adjustable Pressure Regulator
PRODUCT CODE	R-6414
SPECIFICATIONS	Inlet Pressure Maximum 19 kg/cm <sup>2</sup>
	Outlet Pressure Range 0.5 -10 kg/cm <sup>2</sup>
	Gas Flow Rate 750 Nm <sup>3</sup> /hr.
	End Connection R-6414: 4" Flanged in ANSI # 150
	2301 Bonnet
	Gas LPG, Natural Gas and Nitrogen
BRANDS AVAILABLE	VANAZ



PRODUCT	Adjustable Pressure Regulator
PRODUCT CODE	R-6424 / 6424 II / 6425 / 6425 II
SPECIFICATIONS	Inlet Pressure Maximum 19 kg/cm <sup>2</sup>
	Outlet Pressure Range 0.5 - 4 kg/cm <sup>2</sup>
	Gas Flow Rate 1000 Nm <sup>3</sup> /hr. for 3" / 1500 Nm <sup>3</sup> /hr. for 4"
	End Connection R-6424: 3" Flanged in ANSI # 150
	R-6424 II : 3" Flanged in ANSI # 300
	R-6425: 4" Flanged in ANSI # 150
	R-6425 II : 4" Flanged in ANSI # 300
	2318 Bonnet
	Gas LPG, Natural Gas and Nitrogen
BRANDS AVAILABLE	VANAZ



PRODUCT	Adjustable Pressure Regulator
PRODUCT CODE	R-2328
SPECIFICATIONS	Inlet Pressure Maximum 5 - 49 kg/cm <sup>2</sup>
	Outlet Pressure Range 5 - 30 kg/cm <sup>2</sup>
	Gas Flow Rate 1500 Nm <sup>3</sup> /hr.
	End Connection 1½" BSPF for R 2328
	2310 Bonnet
	Gas Carbon Dioxide, Argon and Nitrogen
BRANDS AVAILABLE	VANAZ



These regulators are having wider outlets pressure range. The outlet pressure can be easily adjusted by rotating the knob of spring adjusting screw. By rotating the knob anticlockwise the outlet pressure is reduced & by rotating it clockwise the outlet pressure is increased. R-2101 are mainly used for gas cutting or welding purpose. These regulators have built in safety relief valve and flow control needle valve at the outlet. Model R-2101 can be supplied with or without pressure gauge. Also available in ½" BSPF and union nut on request



PRODUCT	Industrial Gas Regulator	
PRODUCT CODE	R-2101	
SPECIFICATIONS	Inlet Pressure Range	1-161 kg/cm <sup>2</sup>
	Outlet Pressure Range	0.5-8 kg/cm <sup>2</sup>
	Gas Flow Rate	25 Nm <sup>3</sup> /hr.
	SRV set at	12 kg/cm <sup>2</sup>
	End Connection Inlet	To suit outlet of std. cyl. valve outlet as per IS:3224
	Outlet	Nozzle to suit 8 mm I.D. hose pipe or ⅜" BSPM
	Gas	Carbon Dioxide, Oxygen, Hydrogen, Air, Nitrogen, Argon
	Outlet pressure upto 15 bar available on request.	
BRANDS AVAILABLE	VANAZ	



PRODUCT	Industrial Gas Regulator	
PRODUCT CODE	R-2310	
SPECIFICATIONS	Inlet Pressure Maximum	250 kg/cm <sup>2</sup>
	Outlet Pressure Range	5 - 30 Kg/cm <sup>2</sup>
	Gas Flow Rate	300 Nm <sup>3</sup> /hr.
	End Connection	1½" BSPM
	Gas	Oxygen, Nitrogen, Argon and Carbon dioxide
BRANDS AVAILABLE	VANAZ	



PRODUCT	Industrial Gas Regulator	
PRODUCT CODE	R-2322	
SPECIFICATIONS	Inlet Pressure Maximum	250 kg/cm <sup>2</sup>
	Outlet Pressure Range	5 - 30 Kg/cm <sup>2</sup>
	Gas Flow Rate	150 Nm <sup>3</sup> /hr.
	End Connection	1" BSPF
	Gas	Oxygen, Nitrogen, Argon and Carbon dioxide
BRANDS AVAILABLE	VANAZ	



PRODUCT	Adjustable Pressure Regulator	
PRODUCT CODE	R-2331 II	
SPECIFICATIONS	Inlet Pressure Maximum	40 Kg/cm <sup>2</sup>
	Outlet Pressure Range	0.5 - 10 Kg/cm <sup>2</sup>
	Gas Flow Rate	500 Nm <sup>3</sup> /hr.
	End Connection	1½" BSPF
	Gas	Medical Oxygen, Nitrogen
		CF8M Body
BRANDS AVAILABLE	VANAZ	





PRODUCT	Industrial Gas Regulator
PRODUCT CODE	R-2328 <i>II</i>
SPECIFICATIONS	Inlet Pressure Maximum 10 - 49 kg/cm <sup>2</sup>
	Outlet Pressure Range 5 - 26 kg/cm <sup>2</sup>
	Gas Flow Rate 2000 Nm <sup>3</sup> /hr.
	End Connection 2" ANSI # 300 flanged end
	Gas Oxygen, Nitrogen, Hydrogen, CNG, Argon and Carbon dioxide
BRANDS AVAILABLE	VANAZ

### Pilot Operated Regulators

These regulators are more accurate and offer higher capacities than the standard direct operated spring loaded regulators. They maintain a constant outlet pressure even in case of large variation of inlet pressures or flow rates



PRODUCT	Pilot Operated Regulator
PRODUCT CODE	R 6608/ 6608 <i>II</i> / 6617 / 6617 <i>II</i>
SPECIFICATIONS	Inlet Pressure Range 5 - 26 kg/cm <sup>2</sup>
	Outlet Pressure Range 4 - 19 kg/cm <sup>2</sup> (4000 - 19000 mbar)
	Gas Flow Rate 6000 Nm <sup>3</sup> /hr.
	End Connection R 6608 3" ANSI # 150 flanged for Vapour
	R 6608 <i>II</i> 3" ANSI # 300 flanged for Liquid
	R 6617 4" ANSI # 150 flanged for Vapour
	R 6617 <i>II</i> 4" ANSI # 300 flanged for Liquid
	Gas LPG, Natural Gas, Nitrogen and Carbon Dioxide
BRANDS AVAILABLE	VANAZ



PRODUCT	Pilot Operated Regulator
PRODUCT CODE	R 6609 / 6609 <i>II</i> / 6614 / 6614 <i>II</i>
SPECIFICATIONS	Inlet Pressure Range 1 - 19 kg/cm <sup>2</sup>
	Outlet Pressure Range 0.5 - 5 kg/cm <sup>2</sup> (500 - 5000 mbar)
	Gas Flow Rate 2500 Nm <sup>3</sup> /hr.
	End Connection R 6609 3" ANSI # 150 flanged for Vapour
	R 6609 <i>II</i> 3" ANSI # 300 flanged for Liquid
	R 6614 4" ANSI # 150 flanged for Vapour
	R 6614 <i>II</i> 4" ANSI # 300 flanged for Liquid
	Gas LPG, Natural Gas, Nitrogen and Carbon Dioxide
BRANDS AVAILABLE	VANAZ



PRODUCT	Pilot Operated Regulator
PRODUCT CODE	R 6610 / 6610 <i>II</i> / 6611 / 6611 <i>II</i>
SPECIFICATIONS	Inlet Pressure Range 1 - 19 kg/cm <sup>2</sup>
	Outlet Pressure Range 0.5 - 5 kg/cm <sup>2</sup> (500 - 5000 mbar)
	Gas Flow Rate 500 Nm <sup>3</sup> /hr.
	End Connection R 6610 2" ANSI # 150 flanged for Vapour
	R 6610 <i>II</i> 2" ANSI # 300 flanged for Liquid
	R 6611 1½" ANSI # 150 flanged for Vapour
	R 6611 <i>II</i> 1½" ANSI # 300 flanged for Liquid
	Gas LPG, Natural Gas, Nitrogen and Carbon Dioxide
BRANDS AVAILABLE	VANAZ



These regulators are second stage low pressure high flow rate, pressure reducers. These are mainly used where the inlet pressure is varying in a wider range. These regulators are suitable for small to medium size furnaces, for low pressure high flow precision control pressure regulators and are mainly used as second stage pressure regulators. These are also used in medium to bigger size furnaces. These regulators control the outlet pressure very precisely. These are very sensitive regulators and should be used preferably with suitable filters installed before the regulator, and only after first stage regulators.



PRODUCT	Preset Pressure Reducer	
PRODUCT CODE	R 5106 / R 5108	
SPECIFICATIONS	Inlet Pressure Range	1- 5 kg/cm <sup>2</sup>
	Outlet Pressure Range	0.15 - 0.6 kg/cm <sup>2</sup> (150 - 600 mbar)
	Gas Flow Rate	80 Nm <sup>3</sup> /hr.
	End Connection	R 5106 - 1½" BSPF
		R 5108 - 2" BSPF
	Gas	LPG, Natural Gas, Nitrogen and Air
BRANDS AVAILABLE	VANAZ	



PRODUCT	Preset Pressure Reducer	
PRODUCT CODE	R 5107 / R 5109	
SPECIFICATIONS	Inlet Pressure Range	1- 5 kg/cm <sup>2</sup>
	Outlet Pressure Range	0.15 - 0.3 kg/cm <sup>2</sup> (150 - 300 mbar)
	Gas Flow Rate	130 Nm <sup>3</sup> /hr.
	End Connection	R 5107 - 1½" BSPF
		R 5109 - 2" BSPF
	Gas	LPG, Natural Gas, Nitrogen and Air
BRANDS AVAILABLE	VANAZ	



PRODUCT	Preset Pressure Reducer	
PRODUCT CODE	R 5110 / R 5112	
SPECIFICATIONS	Inlet Pressure Range	1- 5 kg/cm <sup>2</sup>
	Outlet Pressure Range	0.15 - 0.6 kg/cm <sup>2</sup> (150 - 600 mbar)
	Gas Flow Rate	80 Nm <sup>3</sup> /hr.
	End Connection	R 5110 - 1½" ANSI # 150 Flanged
		R 5112 - 2" ANSI # 150 Flanged
	Gas	LPG, Natural Gas, Nitrogen and Air
BRANDS AVAILABLE	VANAZ	



PRODUCT	Preset Pressure Reducer	
PRODUCT CODE	R 5111 / R 5113	
SPECIFICATIONS	Inlet Pressure Range	1- 5 kg/cm <sup>2</sup>
	Outlet Pressure Range	0.15 - 0.3 kg/cm <sup>2</sup> (150 - 300 mbar)
	Gas Flow Rate	130 Nm <sup>3</sup> /hr.
	End Connection	R 5111 - 1½" ANSI # 150 Flanged
		R 5113 - 2" ANSI # 150 Flanged
	Gas	LPG, Natural Gas, Nitrogen and Air
BRANDS AVAILABLE	VANAZ	



PRODUCT	Preset Pressure Reducer	
PRODUCT CODE	R 5114 / R 5116	
SPECIFICATIONS	Inlet Pressure Range	1- 5 kg/cm <sup>2</sup>
	Outlet Pressure Range	0.15 - 0.3 kg/cm <sup>2</sup> (150 - 300 mbar)
	Gas Flow Rate	180 Nm <sup>3</sup> /hr.
	End Connection	R 5114 - 1½" BSPF
		R 5116 - 2" BSPF
	Gas	LPG, Natural Gas, Nitrogen and Air
BRANDS AVAILABLE	VANAZ	



PRODUCT	Preset Pressure Reducer	
PRODUCT CODE	R 5115 / R 5117	
SPECIFICATIONS	Inlet Pressure Range	1- 5 kg/cm <sup>2</sup>
	Outlet Pressure Range	0.05 - 0.15 kg/cm <sup>2</sup> (50 - 150 mbar)
	Gas Flow Rate	200 Nm <sup>3</sup> /hr.
	End Connection	R 5115 - 1½" ANSI # 150 Flanged
		R 5117 - 2" ANSI # 150 Flanged
	Gas	LPG, Natural Gas, Nitrogen and Air
BRANDS AVAILABLE	VANAZ	



PRODUCT	Preset Pressure Reducer	
PRODUCT CODE	R 6418 / R 6419	
SPECIFICATIONS	Inlet Pressure Range	1- 5 kg/cm <sup>2</sup>
	Outlet Pressure Range	0.15 - 0.3 kg/cm <sup>2</sup> (150 - 300 mbar)
	Gas Flow Rate	500 Nm <sup>3</sup> /hr.
	End Connection	R 6418 - 3" ANSI # 150 Flanged
		R 6419 - 4" ANSI # 150 Flanged
	Gas	LPG, Natural Gas, Nitrogen and Air
BRANDS AVAILABLE	VANAZ	





PRODUCT	Preset Pressure Reducer
PRODUCT CODE	R 6420 / R 6421
SPECIFICATIONS	Inlet Pressure Range 1- 5 kg/cm <sup>2</sup>
	Outlet Pressure Range 0.15 - 0.6 kg/cm <sup>2</sup> (150 - 600 mbar)
	Gas Flow Rate 400 Nm <sup>3</sup> /hr.
	End Connection R 6420 - 3" ANSI # 150 Flanged
	R 6421 - 4" ANSI # 150 Flanged
	Gas LPG, Natural Gas, Nitrogen and Air
BRANDS AVAILABLE	VANAZ



PRODUCT	Preset Pressure Reducer
PRODUCT CODE	R 6428 / R 6429
SPECIFICATIONS	Inlet Pressure Range 1- 5 kg/cm <sup>2</sup>
	Outlet Pressure Range 0.05 - 0.15 kg/cm <sup>2</sup> (50 - 150 mbar)
	Gas Flow Rate 750 Nm <sup>3</sup> /hr.
	End Connection R 6428 - 3" ANSI # 150 Flanged
	R 6429 - 4" ANSI # 150 Flanged
	Gas LPG, Natural Gas, Nitrogen and Air
BRANDS AVAILABLE	VANAZ



PRODUCT	Preset Pressure Reducer
PRODUCT CODE	R 6413 / R 6415
SPECIFICATIONS	Inlet Pressure Range 1- 5 kg/cm <sup>2</sup>
	Outlet Pressure Range 0.1 - 0.6 kg/cm <sup>2</sup> (100 - 600 mbar)
	Gas Flow Rate 650 Nm <sup>3</sup> /hr.
	End Connection R 6413 - 3" ANSI # 150 Flanged
	R 6415 - 4" ANSI # 150 Flanged
	Gas LPG, Natural Gas, Nitrogen and Air
BRANDS AVAILABLE	VANAZ



PRODUCT	Preset Pressure Reducer
PRODUCT CODE	R 6422 / R 6423
SPECIFICATIONS	Inlet Pressure Range 1- 5 kg/cm <sup>2</sup>
	Outlet Pressure Range 0.1 - 0.3 kg/cm <sup>2</sup> (100 - 300 mbar)
	Gas Flow Rate 750 Nm <sup>3</sup> /hr.
	End Connection R 6422 - 3" ANSI # 150 Flanged
	R 6423 - 4" ANSI # 150 Flanged
	Gas LPG, Natural Gas, Nitrogen and Air
BRANDS AVAILABLE	VANAZ



PRODUCT	Preset Pressure Reducer	
PRODUCT CODE	R 6430 / R 6431	
SPECIFICATIONS	Inlet Pressure Range	1- 5 kg/cm <sup>2</sup>
	Outlet Pressure Range	0.05 - 0.15 kg/cm <sup>2</sup> (50 - 150 mbar)
	Gas Flow Rate	1000 Nm <sup>3</sup> /hr.
	End Connection	R 6430 - 3" ANSI # 150 Flanged
		R 6431 - 4" ANSI # 150 Flanged
	Gas	LPG, Natural Gas, Nitrogen and Air
BRANDS AVAILABLE	VANAZ	



PRODUCT	Preset Pressure Reducer	
PRODUCT CODE	R 6506	
SPECIFICATIONS	Inlet Pressure Range	0.5- 5 kg/cm <sup>2</sup>
	Outlet Pressure Range	0.03 - 0.15 kg/cm <sup>2</sup> (30 - 150 mbar)
	Gas Flow Rate	2500 Nm <sup>3</sup> /hr.
	End Connection	6" ANSI # 150 Flanged
	Gas	LPG, Natural Gas and Bio Gas
BRANDS AVAILABLE	VANAZ	



PRODUCT	Preset Pressure Reducer	
PRODUCT CODE	R 6118 / R 6119	
SPECIFICATIONS	Inlet Pressure	1.5 kg/cm <sup>2</sup>
	Outlet Pressure Range	0.01 - 0.2 kg/cm <sup>2</sup> (10 - 200 mbar)
	Gas Flow Rate	120 Nm <sup>3</sup> /hr.
	End Connection	R 6118 - 1½" ANSI # 150 Flanged
		R 6119 - 2" ANSI # 150 Flanged
	Gas	LPG, Natural Gas, Nitrogen and Air
BRANDS AVAILABLE	VANAZ	



PRODUCT	Preset Pressure Reducer	
PRODUCT CODE	R 6107 / R 6107 II	
SPECIFICATIONS	Inlet Pressure	1.5 kg/cm <sup>2</sup>
	Outlet Pressure Range	0.01 - 0.05 kg/cm <sup>2</sup> (10 - 50 mbar)
	Gas Flow Rate	150 Nm <sup>3</sup> /hr.
	End Connection	R 6107 - 1½" BSPF
		R 6107 II - 2" BSPF
	Gas	LPG, Natural Gas, Nitrogen and Air
BRANDS AVAILABLE	VANAZ	





PRODUCT	Preset Pressure Reducer	
PRODUCT CODE	R 6122 / R 6122 II	
SPECIFICATIONS	Inlet Pressure	1.5 kg/cm <sup>2</sup>
	Outlet Pressure Range	0.01 - 0.05 kg/cm <sup>2</sup> (10 - 50 mbar)
	Gas Flow Rate	150 Nm <sup>3</sup> /hr.
	End Connection	R 6122 - 1½" ANSI # 150 Flanged R 6122 II - 2" ANSI # 150 Flanged
	Gas	LPG, Natural Gas, Nitrogen and Air
BRANDS AVAILABLE	VANAZ	



PRODUCT	Preset Pressure Reducer	
PRODUCT CODE	R 6111 I / R 6121	
SPECIFICATIONS	Inlet Pressure	1.5 kg/cm <sup>2</sup>
	Outlet Pressure Range	0.03 - 0.6 kg/cm <sup>2</sup> (30 - 600 mbar)
	Gas Flow Rate	80 Nm <sup>3</sup> /hr.
	End Connection	R 6111 I - 1½" BSPF R 6121 - 2" BSPF
	Gas	LPG, Natural Gas, Nitrogen and Air
BRANDS AVAILABLE	VANAZ	



PRODUCT	Preset Pressure Reducer	
PRODUCT CODE	R 6116 / R 6117	
SPECIFICATIONS	Inlet Pressure	1.5 kg/cm <sup>2</sup>
	Outlet Pressure Range	0.03 - 0.6 kg/cm <sup>2</sup> (30 - 600 mbar)
	Gas Flow Rate	80 Nm <sup>3</sup> /hr.
	End Connection	R 6116 - 1½" ANSI # 150 Flanged R 6117 - 2" ANSI # 150 Flanged
	Gas	LPG, Natural Gas, Nitrogen and Air
BRANDS AVAILABLE	VANAZ	



PRODUCT	Preset Pressure Reducer	
PRODUCT CODE	R 6106 / R 6120	
SPECIFICATIONS	Inlet Pressure	1.5 kg/cm <sup>2</sup>
	Outlet Pressure Range	0.01 - 0.2 kg/cm <sup>2</sup> (10 - 200 mbar)
	Gas Flow Rate	120 Nm <sup>3</sup> /hr.
	End Connection	R 6106 - 1½" BSPF R 6120 - 2" BSPF
	Gas	LPG, Natural Gas, Nitrogen and Air
BRANDS AVAILABLE	VANAZ	



PRODUCT	Preset Pressure Reducer	
PRODUCT CODE	R 6416 / R 6417	
SPECIFICATIONS	Inlet Pressure	1.5 kg/cm <sup>2</sup>
	Outlet Pressure Range	0.03 - 0.5 kg/cm <sup>2</sup> (30 - 500 mbar)
	Gas Flow Rate	500 Nm <sup>3</sup> /hr.
	End Connection	R 6416 - 3" ANSI # 150 Flanged
		R 6417 - 4" ANSI # 150 Flanged
	Gas	LPG, Natural Gas, Nitrogen and Air
BRANDS AVAILABLE	VANAZ	



PRODUCT	Preset Pressure Reducer	
PRODUCT CODE	R 6410 / R 6411	
SPECIFICATIONS	Inlet Pressure	1.5 kg/cm <sup>2</sup>
	Outlet Pressure Range	0.03 - 0.3 kg/cm <sup>2</sup> (30 - 300 mbar)
	Gas Flow Rate	600 Nm <sup>3</sup> /hr.
	End Connection	R 6410 - 3" ANSI # 150 Flanged
		R 6411 - 4" ANSI # 150 Flanged
	Gas	LPG, Natural Gas, Nitrogen and Air
BRANDS AVAILABLE	VANAZ	



PRODUCT	Preset Pressure Reducer	
PRODUCT CODE	R 6426 / R 6427	
SPECIFICATIONS	Inlet Pressure	1.5 kg/cm <sup>2</sup>
	Outlet Pressure Range	0.05 - 0.15 kg/cm <sup>2</sup> (50 - 150 mbar)
	Gas Flow Rate	750 Nm <sup>3</sup> /hr.
	End Connection	R 6426 - 3" ANSI # 150 Flanged
		R 6427 - 4" ANSI # 150 Flanged
	Gas	LPG, Natural Gas, Nitrogen and Air
BRANDS AVAILABLE	VANAZ	



PRODUCT	Filter Aluminium Die Cast Body	
PRODUCT CODE	VEL- 0112 A / 0112 B / 0112 C	
SPECIFICATIONS	Working Pressure	6 Kg/cm <sup>2</sup>
	Gas Flow Capacity	100 Nm <sup>3</sup> /hr.
	End Connection	VEL- 0112 A : ½" BSPF
		VEL- 0112 B : ¾" BSPF
		VEL- 0112 C : 1" BSPF
	Gas	LPG, Natural Gas and Nitrogen and Air
BRANDS AVAILABLE	VEL	



A filter must be fitted prior to the regulator on the upstream or downstream side to ensure that only clean, dust free gas enters the regulator. The presence of dust / dirt in pipeline results in malfunctioning of the regulator because of damage which may be caused to the regulator seat and rubber seating pad. Also movement of the linkage is restricted due to the deposit of dust / dirt on the moving parts and it affects the performance of the regulator.



PRODUCT	Filter Aluminium Die Cast Body	
PRODUCT CODE	F 0112 <b>III</b>	
SPECIFICATIONS	Working Pressure	6 kg/cm <sup>2</sup>
	Gas Flow Capacity	100 Nm <sup>3</sup> /hr.
	End Connection	1" BSPF
	Gas	LPG, Natural Gas, Nitrogen and Air
BRANDS AVAILABLE	VANAZ	



PRODUCT	Filter WCB CS Body	
PRODUCT CODE	F 0105 / 0105 <b>I</b> / 0105 <b>II</b>	
SPECIFICATIONS	Working Pressure	20 kg/cm <sup>2</sup>
	Gas Flow Capacity	200 / 350 / 500 Nm <sup>3</sup> /hr.
	End Connection	F 0105 1" BSPF F 0105 <b>I</b> 1½" BSPF F 0105 <b>II</b> 2" BSPF
	Gas	LPG, Natural Gas, Nitrogen and Air
BRANDS AVAILABLE	VANAZ	



PRODUCT	Filter WCB CS Body / Fabricated	
PRODUCT CODE	F 0109 / 0109 <b>II</b>	
SPECIFICATIONS	Working Pressure	20 kg/cm <sup>2</sup>
	Gas Flow Capacity	200 Nm <sup>3</sup> /hr.
	End Connection	F 0109 1" ANSI 150 for Vapour F 0109 <b>II</b> 1" ANSI # 300 for Liquid
	Gas	LPG, Natural Gas, Nitrogen and Air
BRANDS AVAILABLE	VANAZ	



PRODUCT	Filter WCB CS body / Fabricated	
PRODUCT CODE	F 0107 / 0107 <b>II</b> / 0108 / 0108 <b>II</b>	
SPECIFICATIONS	Working Pressure	20 kg/cm <sup>2</sup>
	Gas Flow Capacity	350 / 350 / 500 / 500 Nm <sup>3</sup> /hr.
	End Connection	F 0107 1½" ANSI # 150 for Vapour F 0107 <b>II</b> 1½" ANSI # 300 for liquid F 0108 2" ANSI # 150 for Vapour F 0108 <b>II</b> 2" ANSI # 300 for liquid
	Gas	LPG, Natural Gas, Nitrogen and Air
BRANDS AVAILABLE	VANAZ	



PRODUCT	Filter WCB CS body / Fabricated	
PRODUCT CODE	F 0111 / 0111 <b>III</b> / 0106 / 0106 <b>III</b>	
SPECIFICATIONS	Working Pressure	20 kg/cm <sup>2</sup>
	Gas Flow Capacity	3000 / 3000 / 5000 / 5000 Nm <sup>3</sup> /hr.
	End Connection	F 0111 3" ANSI # 150 for Vapour F 0111 <b>III</b> 3" ANSI # 300 for liquid F 0106 4" ANSI # 150 for Vapour F 0106 <b>III</b> 4" ANSI # 300 for liquid
	Gas	LPG, Natural Gas, Nitrogen and Air
BRANDS AVAILABLE	VANAZ	

Slam Shut-off valve is installed immediately after the filter & prior to the Regulator. It normally remains open. In case the outlet pressure of the regulator exceeds the permissible limits, the slam shut off valve senses it through the impulse line & immediately shuts off the flow to downstream. When the regulator is repaired, the slam shut off valve is to be opened manually by pulling the knob. Once the flow starts through the slam shut off valve it will remain open till the outlet pressure of the regulator is within limits.



PRODUCT	Slam Shut Off Valve
PRODUCT CODE	V-4321 <i>I</i>
SPECIFICATIONS	Inlet Pressure Range 0.5 - 19 kg/cm <sup>2</sup>
	Shut Off Pressure Setting (a) 0.5 Kg/cm <sup>2</sup> (b) 2.2 Kg/cm <sup>2</sup> (c) 6 Kg/cm <sup>2</sup>
	Gas Flow Rate 150 Nm <sup>3</sup> /hr
	End Connection 1" BSPF
	Gas LPG, Natural Gas, Oxygen, Nitrogen, Carbon dioxide, Air
	Supplied with sensing hose
BRANDS AVAILABLE	VANAZ



PRODUCT	Slam Shut Off Valve
PRODUCT CODE	V-4325 <i>I</i> / 4325 <i>II</i>
SPECIFICATIONS	Inlet Pressure Range 0.5 - 19 kg/cm <sup>2</sup>
	Shut Off Pressure Setting (a) 0.5 Kg/cm <sup>2</sup> (b) 2.2 Kg/cm <sup>2</sup> (c) 6 Kg/cm <sup>2</sup>
	Gas Flow Rate 150 Nm <sup>3</sup> /hr
	End Connection V-4325 <i>I</i> 1" ANSI # 150 for vapour
	V-4325 <i>II</i> 1" ANSI # 300 for liquid
	Gas LPG, Natural Gas, Oxygen, Nitrogen, Carbon dioxide, Air
	Supplied with sensing hose
BRANDS AVAILABLE	VANAZ



PRODUCT	Slam Shut Off Valve
PRODUCT CODE	V-4326 <i>I</i>
SPECIFICATIONS	Inlet Pressure Range 30 - 250 kg/cm <sup>2</sup>
	Shut Off Pressure Setting 12 - 120 kg/cm <sup>2</sup>
	Gas Flow Rate 1000 Nm <sup>3</sup> /hr
	End Connection 1" BSPF or 1½" BSPM
	Gas LPG, Natural Gas, Oxygen, Nitrogen, Carbon dioxide, Air
	Supplied with sensing hose
BRANDS AVAILABLE	VANAZ



PRODUCT	Slam Shut Off Valve
PRODUCT CODE	V-4327 <i>I</i> / 4327 <i>II</i> / 4328 <i>I</i> / 4328 <i>II</i>
SPECIFICATIONS	Inlet Pressure Range 0.5 - 19 kg/cm <sup>2</sup>
	Shut Off Pressure Setting (a) 0.5 Kg/cm <sup>2</sup> (b) 2.2 Kg/cm <sup>2</sup> (c) 6 Kg/cm <sup>2</sup>
	Gas Flow Rate : 400 Nm <sup>3</sup> /hr
	End Connection V-4327 <i>I</i> 1½" ANSI # 150 for vapour
	V-4327 <i>II</i> 1½" ANSI # 300 for liquid
	V-4328 <i>I</i> 2" ANSI # 150 for vapour
	V-4328 <i>II</i> 2" ANSI # 300 for liquid
	Gas LPG, Natural Gas, Oxygen, Nitrogen Carbon Dioxide, Air
	Supplied with sensing hose
BRANDS AVAILABLE	VANAZ





PRODUCT	Slam Shut Off Valve
PRODUCT CODE	V 4329 <i>I</i> / 4330 <i>I</i>
SPECIFICATIONS	Inlet Pressure Range 0.5 - 19 kg/cm <sup>2</sup>
	Shut Off Pressure Setting (a) 0.5 Kg/cm <sup>2</sup> (b) 2.2 Kg/cm <sup>2</sup> (c) 6 Kg/cm <sup>2</sup>
	Gas Flow Rate 750 Nm <sup>3</sup> /hr
	End Connection V 4329 <i>I</i> 3" ANSI # 150
	V 4330 <i>I</i> 4" ANSI # 150
	Gas LPG, Natural Gas, Oxygen, Nitrogen, Carbon dioxide, Air
	Supplied with sensing hose
BRANDS AVAILABLE	VANAZ



PRODUCT	Slam Shut Off Valve
PRODUCT CODE	V 4335 <i>I</i> / 4335 <i>II</i> / 4336 <i>I</i> / 4336 <i>II</i>
SPECIFICATIONS	Inlet Pressure Range 0.5 - 26 kg/cm <sup>2</sup>
	Shut Off Pressure Setting 1-12 kg/cm <sup>2</sup> Gas Flow Rate : 6000 Nm <sup>3</sup> /hr
	End Connection V 4335 <i>I</i> 3" ANSI # 150 for vapour
	V 4335 <i>II</i> 3" ANSI # 300 for liquid
	V 4336 <i>I</i> 4" ANSI # 150 for vapour
	V 4336 <i>II</i> 4" ANSI # 300 for liquid
	Gas LPG, Natural Gas, Oxygen, Nitrogen, Carbon dioxide, Air
	Supplied with sensing hose
BRANDS AVAILABLE	VANAZ



PRODUCT	Slam Shut Off Valve
PRODUCT CODE	V 4335 with 2301 Pilot
SPECIFICATIONS	Working Pressure 1 - 49 Bar
	Shut Off Pressure Setting 6 - 12 kg/cm <sup>2</sup>
	Gas Flow Rate 6000 Nm <sup>3</sup> /hr
	End Connection 3" or 4" flanged end ANSI # 150
	Medium LPG, Natural Gas, Oxygen, Nitrogen, Carbon dioxide, Hydrogen, Air
	Supplied with sensing hose
BRANDS AVAILABLE	VANAZ



PRODUCT	Slam Shut Off Valve
PRODUCT CODE	V-4323
SPECIFICATIONS	Inlet Pressure Range 10 - 250 kg/cm <sup>2</sup>
	Shut Off Pressure Setting 12 - 120 kg/cm <sup>2</sup>
	Gas Flow Rate 500 Nm <sup>3</sup> /hr
	End Connection 1" BSPF
	Gas Natural Gas, Oxygen, Nitrogen, Carbon dioxide and Hydrogen
	Supplied with sensing hose
BRANDS AVAILABLE	VANAZ

These regulators are mainly used for ammonia gas. The trim parts for these regulators are of stainless steel. R-4108 / R 4110 I are preset type regulators and are mainly used as second stage pressure regulation. R-2301 I is adjustable pressure regulator and is mainly used as first stage pressure regulator. R-2402 is a fine control adjustable pressure regulator which is used when precision pressure control is required for instrumentation purpose like Air-Gauges. .



PRODUCT	Ammonia Pressure Regulator	
PRODUCT CODE	R-2301 I	
SPECIFICATIONS	Inlet Pressure Range	1-20 kg/cm <sup>2</sup>
	Outlet Pressure	0.5-10 kg/cm <sup>2</sup>
	Gas Flow Rate	100 Nm <sup>3</sup> /hr.
	End Connection	1" BSPF
	Gas	Ammonia
BRANDS AVAILABLE VANAZ		



PRODUCT	Ammonia Pressure Regulator	
PRODUCT CODE	R-4110 I	
SPECIFICATIONS	Inlet Pressure Range	1-17 kg/cm <sup>2</sup>
	Outlet Pressure Range	0.03- 0.3 kg/cm <sup>2</sup>
	Max Flow Rate	30 Nm <sup>3</sup> /hr.
	End Connection Inlet	½" BSPF
	Outlet	¾" BSPF
	Also available in 1" BSPF	
	Gas	Ammonia
BRANDS AVAILABLE VANAZ		



PRODUCT	Ammonia Pressure Regulator	
PRODUCT CODE	R-2402	
SPECIFICATIONS	Max Inlet Pressure	22 kg/cm <sup>2</sup>
	Outlet Pressure	0.5-4 kg/cm <sup>2</sup>
	Gas Flow Rate	25 Nm <sup>3</sup> /hr.
	End Connection	½" BSPF (Union Nut)
	Gas	Ammonia
BRANDS AVAILABLE VANAZ		



PRODUCT	Ammonia Pressure Regulator		
PRODUCT CODE	R-4108		
SPECIFICATIONS	Inlet Pressure Range	1-5 kg/cm <sup>2</sup>	
	Outlet Pressure	(a) 30 -150 mbar, (b) 150 - 300 mbar,	
		(c) 300 - 700 mbar, (d) 700 - 1000 mbar	
	Inlet Connection	¾" BSPF (Union Nut)	
	Outlet Connection	½" BSPF	
	Gas	Ammonia	
	Gas Flow Rate	(a) 10 Nm <sup>3</sup> /hr. (b) 30 Nm <sup>3</sup> /hr.	
		(c) 30 Nm <sup>3</sup> /hr. (d) 30 Nm <sup>3</sup> /hr.	
BRANDS AVAILABLE	VANAZ		



# 02

# METERS





PRODUCT	Meter Adapter for Domestic Gas Meters
PRODUCT CODE	1446
SPECIFICATIONS	Brass forged elbow type meter adapters for inlet and outlet having ¾" BSPF inlet and ¾" BSPM or ¾" BSPF outlet
BRANDS AVAILABLE	UE



PRODUCT	Meter Adapter for Commercial / Domestic Gas Meters
PRODUCT CODE	1444
SPECIFICATIONS	Brass forged meter adapters for inlet and outlet having ¾" BSPF inlet and ¾" BSPM or ¾" BSPF or as per customer requirements. Also available in MS plated body.
BRANDS AVAILABLE	UE



PRODUCT	Meter Adapter for Commercial Gas Meters
PRODUCT CODE	1442 / 1443
SPECIFICATIONS	Nut nipple type male female meter adapters in various sizes to suit in MS or Brass Body commercial diaphragm type gas meters of different models
BRANDS AVAILABLE	UE



PRODUCT	Meter Adapter for Commercial Gas Meters
PRODUCT CODE	1441
SPECIFICATIONS	Nut nipple type male female meter adapters in various sizes to suit in plated MS body commercial diaphragm type gas meters of different models
BRANDS AVAILABLE	UE



PRODUCT	Meter Stand for Gas Meters as per model in MS or SS Body
PRODUCT CODE	1439 / 1440
SPECIFICATIONS	MS fabricated or SS sheet metal meter clamps for gas meters
BRANDS AVAILABLE	UE





PRODUCT	Meter Regulator with UPSO Auto Reset
PRODUCT CODE	1470 G / 1470 S
SPECIFICATIONS	Aluminium die cast gas regulator with auto reset having 3/4" BSPF inlet and 3/4" BSPF outlet for domestic gas meters
	Inlet pressure 110 mbar
	Outlet pressure 28 mbar
BRANDS AVAILABLE	GREENGLOBE / SANBRO



PRODUCT	Meter Regulator with UPSO Manual Reset
PRODUCT CODE	1470 M
SPECIFICATIONS	Aluminium die cast gas regulator with manual reset having 1/2" FECV inlet and 1/2" BSPM outlet for domestic gas meters
	Inlet pressure 7 bar
	Outlet pressure 28 mbar
BRANDS AVAILABLE	MONDIAL LP 150



PRODUCT	EN 331 BALL VALVE
PRODUCT CODE	1278 EN
SPECIFICATIONS	QT ball valves in 1/2" BSPF size
	QT ball valves use for gas meter applications made as per EN 331 standard in forged brass chrome plated body
	Approved by major CGD
	Can be manufacture in different models
BRANDS AVAILABLE	ASTRON GAS



PRODUCT	Quarter Turn Ball Valves
PRODUCT CODE	1278 / 1279
SPECIFICATIONS	QT ball valves with various sizes in 1/2", 3/8" or 1/4" BSPF models inlet outlet
	QT ball valves with various sizes in 1/2", 3/8" or 1/4" BSPF models inlet and 8 mm nozzle outlet for gas meter applications made in forged brass chrome plated body as per EN 331
BRANDS AVAILABLE	UE



PRODUCT	Anaconda Hose for Gas Meters
PRODUCT CODE	1236 / 1237
SPECIFICATIONS	Low pressure GI or SS braided hoses for gas meters in various lengths and end fittings. Please specify length, pressure and end fitting.
BRANDS AVAILABLE	SE



PRODUCT	Commercial Diaphragm Gas Meter
PRODUCT CODE	1492 to 1496
SPECIFICATIONS	Model G4, G6, G10, G16, G 25
	Maximum Pressure rating 0.3 or 0.5 Bar. Flow 6,10,16, 25, and 40 Nm <sup>3</sup> /hr
	Use only for dry gas, no moisture or liquid should enter the meter.
BRANDS AVAILABLE	ELSTER / QW KROM 0.3 bar and METER ITALIA 0.5 bar



PRODUCT	Domestic Diaphragm Gas Meter
PRODUCT CODE	1490
SPECIFICATIONS	Maximum Pressure rating 300 mbar 2.5 m <sup>3</sup> for LPG & Natural Gas with MID/type approval and EN1359 certificate.
	Use only for dry gas, no moisture or liquid should enter the meter.
BRANDS AVAILABLE	RAYCHEM RPG



PRODUCT	Commercial Diaphragm Gas Meter 2 Bar
PRODUCT CODE	1497 MI
SPECIFICATIONS	Model MG4
	Maximum Pressure rating 2 Bar. Flow 6 Nm <sup>3</sup> /hr for LPG & Natural Gas with MID/type approval and EN1359 certificate.
	Use only for dry gas, no moisture or liquid should enter the meter.
BRANDS AVAILABLE	SAGEMCOM SICONIA



PRODUCT	Commercial Cum Domestic Gas Meter ( Jet Stream Technology)
PRODUCT CODE	1491
SPECIFICATIONS	Model 1.8, 3.2, 4
	Maximum Pressure rating 5 Bar.
	Available in two models with Bluetooth and Digital Display
	Connection ½" BSPM x ½" BSPF
	Flow upto 30 Kg/hr
	Use only for dry gas, no moisture or liquid should enter the meter.
BRANDS AVAILABLE	SMARTBOY by ELEHANT



PRODUCT	Rotary Gas Meter RABO series
PRODUCT CODE	1471A E to 1488A E
SPECIFICATIONS	Anodized extruded aluminum body gas meter for Industrial and commercial use.
	Flow capacity from 25 m <sup>3</sup> to 650 m <sup>3</sup>
	Maximum pressure 16 bar
	Use only for dry gas, no moisture or liquid should enter the meter
	Available in DN 40, DN 50, DN 80, DN 100 Sizes.
BRANDS AVAILABLE	ELSTER - HONEYWELL





PRODUCT	Rotary Piston Displacement Type Meter for Dry Gas
PRODUCT CODE	1471 A to 1488 A
SPECIFICATIONS	Aluminium die cast gas meter for industrial and commercial use.
	Available in DN 40, DN 50, DN 80, DN 100 sizes.
	Flow capacity from 25 m <sup>3</sup> to 650 m <sup>3</sup>
	Maximum pressure 16 bar
	Use only for dry gas, no moisture or liquid should enter the meter.
BRANDS AVAILABLE	FMG / RRM



PRODUCT	Radial Blade Turbine Type Meter for Dry Gas
PRODUCT CODE	1471 to 1488
SPECIFICATIONS	Cast steel gas meter for industrial and commercial use.
	Available in DN 40, DN 50, DN 80, DN 100 sizes.
	Flow capacity from 25 m <sup>3</sup> to 650 m <sup>3</sup>
	Maximum pressure 6 bar
	Also available in Axial turbine type.
	Use only for dry gas, no moisture or liquid should enter the meter.
BRANDS AVAILABLE	ELGAS



PRODUCT	ELECTRONIC VOLUME CORRECTOR
PRODUCT CODE	EVC - ELCOR
SPECIFICATIONS	Electronic volume corrector for gas volume conversion with temperature and pressure interface.
	Available in two models : Elcor and Elcorplus
BRANDS AVAILABLE	ELCOR by ELGAS



PRODUCT	ELECTRONIC VOLUME CORRECTOR
PRODUCT CODE	EVC - PLUM
SPECIFICATIONS	Electronic volume corrector for gas volume conversion with temperature and pressure interface.
	Model MAC BAT V
BRANDS AVAILABLE	PLUM



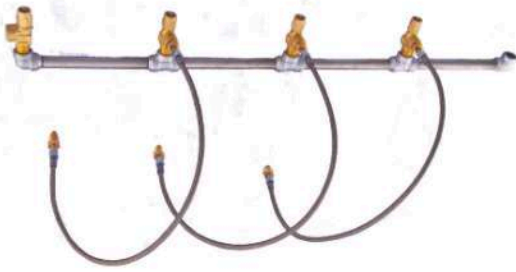
PRODUCT	Turbine Gas Meter Quantometer series
PRODUCT CODE	1471E to 1488E
SPECIFICATIONS	Aluminum body gas meter for Industrial and commercial use.
	Available in DN 25, DN 40, DN 50, DN 80, DN 100 sizes
	Flow capacity from 25 m <sup>3</sup> to 650 m <sup>3</sup>
	Maximum pressure for DN 25, DN 40, DN 50 : 4 Bar and for DN 80 & DN 100 : 16 Bar
	Use only for dry gas, no moisture or liquid should enter the meter
BRANDS AVAILABLE	ELSTER - HONEYWELL

# 03

## MANIFOLDS & FITTINGS







PRODUCT	Industrial Gas Manifolds
PRODUCT CODE	1161 to 1167 A
SPECIFICATIONS	For Industrial Gases like Oxygen, Hydrogen, Nitrogen, Argon, Carbon dioxide, Helium, Ammonia etc. Suitable for any number of cylinders to be used at a time. Center distance between the consecutive lugs is 300 mm (12"), 2 x 2, 3 x 3, 4 x 4, 5 x 5, 6 x 6, 7 x 7, 8 x 8 etc.
	We manufacture manifolds for all Industrial Gases in stainless steel schedule 80 pipe and forged blocks.
	As depicted here to withstand pressure upto 400 bar
BRANDS AVAILABLE	VEL / UE



PRODUCT	Industrial Gas Manifolds
PRODUCT CODE	1161 to 1167 A
SPECIFICATIONS	For Industrial Gases like Oxygen, Hydrogen, Nitrogen, Argon, Carbon dioxide, Helium, Ammonia etc. Suitable for any number of cylinders to be used at a time. Center distance between the consecutive lugs is 300 mm (12"), 2 x 2, 3 x 3, 4 x 4, 5 x 5, 6 x 6, 7 x 7, 8 x 8 etc.
	We manufacture manifolds for all Industrial Gases in stainless steel schedule 80 pipe and forged blocks.
	As depicted here to withstand pressure upto 400 bar
BRANDS AVAILABLE	VEL / UE



PRODUCT	Manifold Fittings - Nuts & Nipples
PRODUCT CODE	1204
SPECIFICATIONS	Brass forged nut and nipple
	Working Pressure 300 bar
	For all Industrial Gases
BRANDS AVAILABLE	EMBROS



PRODUCT	Industrial Gas Hose
PRODUCT CODE	1245
SPECIFICATIONS	400 bar / 6000 psi pressure rating thermo plastic hose for Industrial Gases in various fittings and lengths.
BRANDS AVAILABLE	JACK HOSE



PRODUCT	High Pressure NRV
PRODUCT CODE	1419
SPECIFICATIONS	Non return valve for Industrial Gases with 6000 psi capacity, 1/4" M x F suited to mount on manifolds
	SS body
BRANDS AVAILABLE	UE



120-D-LPG

PRODUCT : Cylinder Regulator

DOUBLE STAGE DOUBLE GAUGES OXYGEN REG IP : 200 BAR OP : 10 BAR FLOW 60 NM<sup>3</sup>/HR  
 SINGLE STAGE DOUBLE GAUGES OXYGEN REG. IP: 200 BAR OP: 8 BAR FLOW 55 NM<sup>3</sup>/HR  
 DOUBLE STAGE DOUBLE GAUGES DURABLE SERIES SS DIAPHRAGM OR REG  
 IP: 230 BAR OP: 12 BAR FLOW 70 NM<sup>3</sup>/HR  
 SINGLE STAGE DOUBLE GAUGES HIGH FLOW OXYGEN REG IP: 200 BAR OP: 14 BAR FLOW 85 NM<sup>3</sup>/HR

DOUBLE STAGE DOUBLE GAUGES NITROGEN REG IP: 200 BAR OP: 10 BAR FLOW 55 NM<sup>3</sup>/HR  
 DOUBLE STAGE DOUBLE GAUGES DURABLE SERIES SS DIAPHRAGM N2 REG

IP: 230 BAR OP: 12 BAR FLOW 60 NM<sup>3</sup>/HR  
 SINGLE STAGE DOUBLE GAUGES NITROGEN REG IP: 200 BAR OP: 8 BAR FLOW 50 NM<sup>3</sup>/HR

DOUBLE STAGE DOUBLE GAUGES HYDROGEN REG IP: 200 BAR OP: 8 BAR FLOW 55 NM<sup>3</sup>/HR  
 DOUBLE STAGE DOUBLE GAUGES DURABLE SERIES SS DIAPHRAGM H2 REG  
 IP: 230 BAR OP: 12 BAR FLOW 70 NM<sup>3</sup>/HR  
 SINGLE STAGE DOUBLE GAUGES HYDROGEN REG IP: 200 BAR OP: 8 BAR FLOW 50 NM<sup>3</sup>/HR

DOUBLE STAGE DOUBLE GAUGES HELIUM REG IP: 200 BAR OP: 8 BAR FLOW 55 NM<sup>3</sup>/HR  
 DOUBLE STAGE DOUBLE GAUGES DURABLE SERIES SS DIAPHRAGM HELIUM REG  
 IP: 230 BAR OP: 12 BAR FLOW 60 NM<sup>3</sup>/HR  
 SINGLE STAGE DOUBLE GAUGES HELIUM REG IP: 200 BAR OP: 8 BAR FLOW 50 NM<sup>3</sup>/HR



120-DB-LPG

DOUBLE STAGE DOUBLE GAUGES CARBON DIOXIDE REG IP: 200 BAR OP: 10 BAR FLOW 8 NM<sup>3</sup>/HR  
 DOUBLE STAGE DOUBLE GAUGES DURABLE SERIES SS DIAPHRAGM CO2 REG  
 IP: 200 BAR OP: 10 BAR FLOW 10 NM<sup>3</sup>/HR

DOUBLE STAGE DOUBLE GAUGES ARGON REG IP: 200 BAR OP: 10 BAR FLOW 40 NM<sup>3</sup>/HR  
 DOUBLE STAGE DOUBLE GAUGES DURABLE SERIES SS DIAPHRAGM ARGON REG  
 IP: 200 BAR OP: 10 BAR FLOW 60 NM<sup>3</sup>/HR

DOUBLE STAGE DOUBLE GAUGES ACETYLENE REG IP: 25 BAR OP: 1 BAR FLOW 15 NM<sup>3</sup>/HR  
 SINGLE STAGE LPG REG IP : 17 BAR OP : 14 BAR CYLINDER MOUNTED



29-LW-LPG

SINGLE STAGE SINGLE GAUGE LPG REG IP : 17 BAR OP : 14 BAR CYLINDER MOUNTED  
 SINGLE STAGE DOUBLE GAUGE HIGH FLOW LPG REG IP : 25 BAR OP : 1.5 BAR  
 FLOW 2.5 NM<sup>3</sup>/HR INLET SIZE 1/2" LH OUTLET SIZE 3/8" BSPM



RSG 43 S

## AVAILABLE FOR ALL INDUSTRIAL GASES

PRODUCT CODE	PRODUCT CODE
49-OX	100-D-HL
100-D-OX	49-CO2
HOX-230	DU-CO2
HOX-12	49-AR
49-N2	DU-AR
DU-N2	
	49-AC
100-D-N2	HAC-20
49-H2	
DU-H2	29-L
	29-LW
100-D-H2	120-D-LPG
49-HL	120-D-PR
DU-HL	

49 N



BRANDS AVAILABLE : HMP





PRODUCT	LPG VOT Manifolds
PRODUCT CODE	1171 to 1177
SPECIFICATIONS	Suitable for any number of SC type cylinders to be used at a time.
	Center distance between the consecutive lugs is
	300 mm (12") or 425 mm (17"), 2 x 2, 3 x 3, 4 x 4, 5 x 5, 6 x 6, 7 x 7, 8 x 8 etc.
	As depicted here to withstand a maximum working pressure of 17 bar.
	Made in MS Seamless schedule 40 pipes, if required can be made in SS.
BRANDS AVAILABLE	VEL / UE



PRODUCT	Two Branch Connectors
PRODUCT CODE	1180 / 1181
SPECIFICATIONS	Manufactured for connecting two manifolds or two pipelines as per customer's specifications or readily available in 12" straight or 18" bent.
	We manufacture the same in Copper tubing or Seamless MS or SS pipes.
	As depicted here to withstand pressure upto 17 bar
BRANDS AVAILABLE	VEL / UE



PRODUCT	High Pressure Adapters
PRODUCT CODE	1186 / 1187 / 1188
SPECIFICATIONS	These die-cast multi-point adaptors enable the connections of the cylinders fitted with self-closing valves to a high pressure system through a standard M.E.C.V thread with unreduced pressure and a high flow rate. The adaptors are fitted with a non return valve. The quick disconnecting arrangement coupled with a safety interlock ensures that the device can only be disconnected after turning off the gas flow. All adaptors featured here are available in 22 mm and 25.6 mm inlet seats and 3/8" or MECV outlet size.
BRANDS AVAILABLE	VEL / KOSAN / UE



PRODUCT	Flexible Cylinder Pigtails
PRODUCT CODE	1220 to 1225
SPECIFICATIONS	Available in size length of 2ft, 3ft and 5ft. or as per customer's requirement.
	Used in cylinder connection to get more flexible between steady manifold and cylinder. This pigtail is specially used in Railway Pantry Car, Mobile Canteen Van etc. Also available with one side 3/8" BSPF and other side FECV.
	These pigtails are available in SS Braiding, Suraksha, SAE 100R1, Gazflex Hose.
	All these pigtails are available with brass end fittings with brass crimping or MS fitting with MS hydraulic crimping. Pressure : 10 bar / 25 bar.
BRANDS AVAILABLE	PUNEGAS / UE SHURAKSHA



PRODUCT	Non Return Valve
PRODUCT CODE	1182
SPECIFICATIONS	Non return valve for VOT manifold 3 piece & 1 piece body Made in Brass
	Forging Size MECV x FECV
BRANDS AVAILABLE	UE / VEL / PUNEGAS



Union Pin Set With Nut

Dead Nut for  
LPG manifold

Manifold Lug

PRODUCT	Fittings for LPG VOT Manifolds
PRODUCT CODE	1183 / 1184 / 1185
SPECIFICATIONS	Manifold LUG / MECV MS Adopter - 1183
	Union Pin Set with nut - 1184(available for ½" or 1" pipe size)
	Brass Forged FECV dead nut - 1185
BRANDS AVAILABLE	VEL / UE



PRODUCT	F Valve
PRODUCT CODE	1260
SPECIFICATIONS	Main Cylinder Valve Brass Forged Body
	Used on cylinder manifold to control
	(shut off or open one side of cylinder bank)
	Inlet - ¾" NPT and outlet - MECV
BRANDS AVAILABLE	UE

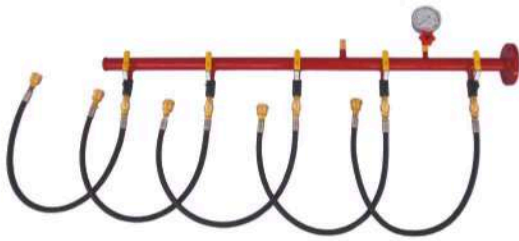


PRODUCT	Quick Release Coupling
PRODUCT CODE	1320 / 1320A / 1321 / 1321B
SPECIFICATIONS	Available in various sizes inlet / outlet to suit customers requirements,
	made in MS chrome plated or SS body in all sizes.
BRANDS AVAILABLE	UE



PRODUCT	Flap Type NRV
PRODUCT CODE	1429 / 1431 / 1432 / 1433 / 1434
SPECIFICATIONS	Available in sizes ½", ¾", 1", 1 ½", 2" threaded models.
	Made in Brass Forged body and SS 304 Body
BRANDS AVAILABLE	BOSS / VALSTOP FT





PRODUCT	LPG LOT Manifolds
PRODUCT CODE	1178 / 1179
SPECIFICATIONS	Suitable for LOT type cylinders to be used at a time.
	Center distance between the consecutive lugs is
	300 mm (12") or 425 mm (17"), 5 x 5, 10 x 10, 15 x 15, 20 x 20.
	As depicted here to withstand a maximum working pressure of 27 bar.
	Made in MS Seamless schedule 80 pipes, if required can be made in SS.
BRANDS AVAILABLE	VEL / UE



PRODUCT	LOT #300 Valve
PRODUCT CODE	1322 / 1323 / 1324
SPECIFICATIONS	Available in sizes 1", 1½" and 2" Flanged end #300 class
	Made in one piece CS forged WCB body
	Gas Safe Design
BRANDS AVAILABLE	VEL / PUNEGAS / UE



PRODUCT	Adaptor for LOT
PRODUCT CODE	1242 / 1242A / 1242U
SPECIFICATIONS	Available in size - inlet female 1 ¼" acme nut, LOT valve outlet female ¾"
	suitable for 19, 33, 47.5 kg LPG LOT cylinders.
	Made in forged brass body
	Ribbed or knurling body.
BRANDS AVAILABLE	VEL / PUNEGAS / UE



PRODUCT	Pop Action Safety Relief Valve
PRODUCT CODE	1243 / 1243B / 1244
SPECIFICATIONS	Available in sizes ¼", ¾", ½", ¾" mounting.
	Pressure relief rating available in various capacities as per
	customers requirements.
	Made in forged brass body.
	Also known as Thermal Relief Valve.
BRANDS AVAILABLE	PUNEGAS / UE



PRODUCT	Non Return Valve For LOT
PRODUCT CODE	1247 / 1247A / 1247U / 1248
SPECIFICATIONS	Non return valve for LOT manifold in 2 piece body in brass forging.
	Available in sizes ½", ¾", 1". BSPF x BSPF or BSPM x BSPF
	Made in forged brass body with SS spring, nylon NRV.
BRANDS AVAILABLE	PUNEGAS / VEL / UE / VALSTOP



PRODUCT	LOT Hoses
PRODUCT CODE	1240 / 1241
SPECIFICATIONS	Made as per customers requirements and specifications in R1, R2, R6 pressure rating of 160 bar with suitable end fittings in sizes $\frac{3}{8}$ " , $\frac{1}{2}$ " , $\frac{3}{4}$ " and 1" and various lengths. Working pressure 160 bar.
BRANDS AVAILABLE	BRILON / DUNLOP / SUPERHOZE



PRODUCT	LOT Manifold Valve
PRODUCT CODE	1270 / 1271 / 1503
SPECIFICATIONS	Available in sizes $\frac{1}{2}$ " , $\frac{3}{4}$ " BSPF Made in 2 piece SS / CS WCB forged body in Screwed end Working pressure 27 or 17 bar.
BRANDS AVAILABLE	VEL / PUNEGAS / UE



PRODUCT	Y Strainer # 300
PRODUCT CODE	1249 / 1249A / 1249B / 1249C / 1249D
SPECIFICATIONS	Available in sizes $\frac{1}{2}$ " , $\frac{3}{4}$ " , 1" threaded or 1" , 1 $\frac{1}{2}$ " , 2" flanged ANSI # 300 models. Made in CS forged WCB body for flanged models and SS forged body for threaded models. Flame proof design. Working pressure 17 bar.
BRANDS AVAILABLE	VEL / PUNEGAS



PRODUCT	Flow Glass
PRODUCT CODE	1435 / 1435A / 1435B / 1436 / 1436A / 1436B / 1437
SPECIFICATIONS	Twin sight toughened glass built into CS forged WCB body available in sizes 1" , 1 $\frac{1}{2}$ " , 2" as per ANSI # 150 or 300. Working pressure 17 bar.
BRANDS AVAILABLE	PUNEGAS / VEL

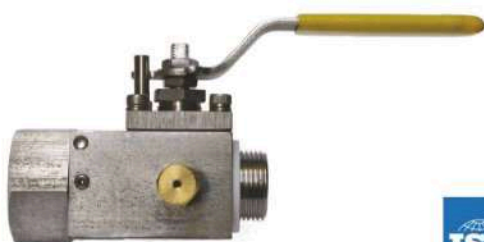


PRODUCT	Glycerine Filled Pressure Gauge
PRODUCT CODE	1402
SPECIFICATIONS	Available in various pressure rating to suit customers requirements, Made in SS body with $\frac{3}{8}$ " bottom inlet
BRANDS AVAILABLE	PUNEGAS / ITEC / UE





PRODUCT	LPG LOT 450 kg Manifolds
PRODUCT CODE	1179B
SPECIFICATIONS	Suitable for LOT type two 450 kg cylinders being used at a time.
	Center distance between the consecutive lugs is 1 metre
	As depicted here to withstand a maximum working pressure of 27 bar.
	Made in MS Seamless schedule 80 pipes, if required can be made in SS.
BRANDS AVAILABLE	VEL / UE



PRODUCT	Actuator Valve
PRODUCT CODE	1500
SPECIFICATIONS	Actuator Valve for Bullfinch Cylinder Valve Outlet made as per ISO standards having 3/4" end connection in SS Body
BRANDS AVAILABLE	VEL / UE



PRODUCT	Quick Release Coupling
PRODUCT CODE	1501
SPECIFICATIONS	Male part of Liquid quick release adaptor in S.S body 3/4" BSPF
BRANDS AVAILABLE	UNITREAD



PRODUCT	Quick Release Coupling
PRODUCT CODE	1501A
SPECIFICATIONS	Female part of Liquid quick release adaptor in S.S body 3/4" BSPF
BRANDS AVAILABLE	UNITREAD



PRODUCT	Non Return Valve For LOT 450 kg
PRODUCT CODE	1515
SPECIFICATIONS	Non return valve for LOT manifold in 2 piece body in brass forging.
	Available in size 3/4" BSPF x 3/4" BSPF
	Made in forged brass body with SS spring, nylon NRV.
BRANDS AVAILABLE	VALSTOP



PRODUCT	Flexible Cylinder Pigtails for 450 kg Cylinder
PRODUCT CODE	1504
SPECIFICATIONS	2 mtr long liquid handling hose 3/4" & 1/2" end connection
	Pressure rating - 160 bar
	Please specify length and end fitting size.
BRANDS AVAILABLE	DUNLOP / SUPERHOZE / BRILON



PRODUCT	Manifold Isolation Ball Valve
PRODUCT CODE	1503
SPECIFICATIONS	LOT isolation ball valve 3/4" & 1/2" BSPF end connection CF8 SS body
	Please note set of 2 valves required for installation
BRANDS AVAILABLE	PUNEGAS / VEL / UE



PRODUCT	Pole Nut Connector & Dead Nut
PRODUCT CODE	1507
SPECIFICATIONS	Dead nut for vapour outlet in 1/2" BSP MS CP Body
	POL nut coupler 0.885" POL connection for vapour outlet in brass body
BRANDS AVAILABLE	VEL



PRODUCT	Filling Gun for 450 kg Cylinder
PRODUCT CODE	SPL
SPECIFICATIONS	2 meter hose connected to ball valve and filling nozzle in forged brass body
	Inlet 1/2" or 3/4" as required
BRANDS AVAILABLE	UE



PRODUCT	Filling Gun for 47.5 kg Cylinder
PRODUCT CODE	SPL
SPECIFICATIONS	2 meter hose connected to ball valve and filling nozzle in forged brass body
	Inlet 1/2" or 3/4" as required
BRANDS AVAILABLE	UE





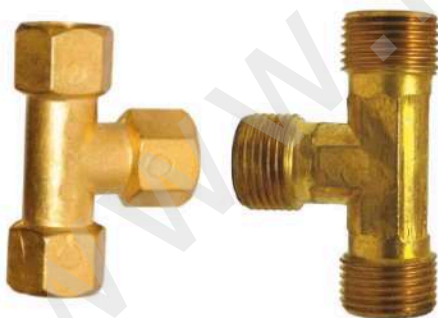
PRODUCT	Pilot Burner					
PRODUCT CODE	1117					
SPECIFICATIONS	Low Pressure (PL 1) / High Pressure (PL 2) brass forged pilot burners for commercial equipment. Suitable for LPG and Natural Gas. Inlet 3/8" BSPM CU.					
	No.	Length	Diameter	Working/Pr	Consumption/Hr	Heat Output
PL-1		92 mm	16 mm	0.035 Kg/cm <sup>2</sup>	0.043 Kg	480 kcal/hr
		3.62 in	0.63 in	0.50 psig	0.094 lbs	1,895 btu/hr
PL-2		92 mm	16 mm	0.3 Kg/cm <sup>2</sup>	0.400 Kg	4,500 kcal/hr
		3.62 in	0.63 in	4.50 psig	0.950 lbs	17,765 btu/hr
BRANDS AVAILABLE	VEL / UE					



PRODUCT	Adapters & Couplings in MS, SS or Brass	
PRODUCT CODE	1131 to 1135	
SPECIFICATIONS	There are individual fittings for fixing on M.S. pipeline for obtaining different types of outlets and are used to connect valves regulators and any other fittings on to the pipeline.	
	1/8" MT x MCV	1/2" MT x MCV
	1/4" MT x MCV	3/4" MT x MCV
	3/8" MT x MCV	1" MT x MCV
BRANDS AVAILABLE	VEL / UE	



PRODUCT	Adapters & Couplings in MS, SS or Brass	
PRODUCT CODE	1151 to 1159	
SPECIFICATIONS		
	1/8" MT x 1/4" CU	1/2" MT x 1/2" MT
	1/4" MT x 3/8" CU	1/2" MT x 3/8" CU
	1/8" MT x 3/8"CU	3/8" MT x 3/8" MT
	3/8" MT x 3/8" CU	1" MT x 3/8" MT
	3/8" BSPF x 1/4" MT	1" MT x 3/8" CU
BRANDS AVAILABLE	VEL / UE	



PRODUCT	3 Way T					
PRODUCT CODE	1136					
SPECIFICATIONS	Forged Brass T connectors in 3/8" male or female end connection					
BRANDS AVAILABLE	VEL / UE					



PRODUCT	Bunsen Burner in Brass or SS with Nozzle
PRODUCT CODE	1111 / 1112
SPECIFICATIONS	Ideal for use in Laboratories-Educational Research and Pathological Laboratories. Most suitable to keep liquids boiling in urns, kettles etc. Flame can be controlled by a tap installed in the line or installed on the burner. Heavy metal base prevents toppling. Brass burner tube warrants long life. Also available in stainless steel tube and base. Attractive electroplated finish prevents corrosion due to fumes. Available in two sizes.
BRANDS AVAILABLE	VEL / UE



PRODUCT	Bunsen Burner in Brass or SS with Tap
PRODUCT CODE	1111 / 1112
SPECIFICATIONS	Optimum
	Model Working Consumption Rated
	No. Length Diameter Pressure Per Hour Heat Output
	B-1 150 mm 80 mm 0.035 Kg/cm <sup>2</sup> 0.06 Kg 680 kcal/hr
	6.0 in 3 in 0.50 psig 0.13 lbs 2,700 btu/hr
	B-2 150 mm 80 mm 0.035 Kg/cm <sup>2</sup> 0.1 Kg 1,250 kcal/hr
	6.0 in 3 in 0.50 psig 0.235 lbs 4,950 btu/hr
BRANDS AVAILABLE	VEL / UE



PRODUCT	Bunsen Burner Taps
PRODUCT CODE	1113 / 1114
SPECIFICATIONS	Forged brass bunsen burner taps available in 1/8" BSPM or 1/4" BSPM x nozzle
BRANDS AVAILABLE	VEL / UE



PRODUCT	Table Terminals
PRODUCT CODE	1115
SPECIFICATIONS	To be used as a junction on table for connecting Bunsen Burner Taps for laboratory use or kitchen platforms.
	Inlet 1/2" CU x Outlet 4 Nos. 1/8" BSPF
	Inlet 1/2" CU x Outlet 2 Nos. 1/8" BSPF
BRANDS AVAILABLE	VEL / UE



PRODUCT	New Terminals
PRODUCT CODE	1116
SPECIFICATIONS	Inlet 1/2" BSP TM Outlet 1/8" BSPF (2 Nos.)
	Inlet 3/8" BSP TM Outlet 1/8" BSPF (2 Nos.)
	Used as a Central Terminal for Gas Tap in Pipeline for laboratory use or kitchen platforms.
BRANDS AVAILABLE	VEL / UE



**EL - VAP - MINI VAPORISER WATER BATH DESIGN****Pegeraro Italian Design**

EL - VAP - MINI is most reliable, easy to use, mini capacity vaporiser in India. The compact design, quality and simplicity makes the end user like restaurants, canteens, hotels and bakeries choose this as the perfectly suitable vaporiser for mini LPG LOT installations.

Advantages :

Wall or SKID mounted

Simple electrical design

Minimum temperature 50 deg C

Approved by PESO

No switches, floats or relays

All electrical items in enclosed flame proof enclosures

Safety valve provided on LPG and water terminals

Liquid LPG stops if temperature falls below set point and water heater is cut off if temperature crosses set point

Water chamber and LPG coil made from SS 304

Mini model in tube type available in 30 or 50 kg/hr.

Classic model water bath drum type with SS tubular piping available in 50, 100, 150, 200, 300, 500 kg models.

Mini model specifications :

Capacity	30 kgs/hr	50 kgs/hr
Heat Load	6 KW	6 KW
Voltage	415 v	415 v
Phase	3 Phase	3 Phase
Dimension	7"x20"	7"x24"
Weight	49 kgs	52 kgs

**FAS Vaporizer**

LPG VAPORISER - WATERLESS MODELS  
DRY ELECTRIC TYPE

In stainless steel body as per ISO standards

**Made in Germany**

For 40 kgs/hour with 15 mm inlet/outlet and 1.5 kw electrical coil

For 100 kgs/hour with 20 mm inlet/outlet and 3 kw electrical coil

The FAS - dry vaporisers are completely maintenance free and require no heat transfer fluid. An aluminium core is used as a heat transferring medium, in which the heating equipment and vaporiser system are cast in an aluminium mold.

Using a thermostat, the heat transferring medium is heated and monitored within the limits specified by DIN standards. Once the required vaporiser temperature has been reached, the solenoid valves open. Liquid gas enters the vaporiser where it is converted to vapour without any fluctuations in pressure until the specified rated capacity has been reached.

The modern design means that fluctuations in vapour flow are detected immediately and the required heating capacity is adjusted quickly to suit the new operation parameters. In case of power failure or overload, the solenoid valves close. An additional safety limit switch monitors the outlet temperature of the vapour and prevents it from exceeding the given limit.

Single Phase Power Supply - 230 V - 32 Amp

No CCOE / PESO Permission Required For Lot Installations.



## VELVAP

LPG VAPORISER - WATERLESS MODELS

DRY ELECTRIC TYPE

MODEL LQ / V50

### Operating Ranges

Thermostat	: 50°C to 300°C
Solenoid valve	: 35°C to 55°C Uflow make
Heater	: 65°C to 85°C

### Electrical part

Operational voltage	: 230 VAC
Power input	: 12-amp single phase
Mains frequency	: 50 Hz

### Gas Engineering part

Operation medium	: LPG
Maximal pressure (PS)	: 17 bar. Test pressure 27 bar
Min/max temperature	: 30°C to 80°C
Maximal inlet pressure	: approx. 10 bar
Gas outlet temperature	: approx. 75°C
Max Flow of vapour gas	: 50 Kg/hr
Ball valve	: CF8 SS304 ½" Vel make
Safety Relief Valve	: 23 Kg/cm² ½" NPT Vel make



## Gas Leak Detectors



PRODUCT	Portable Leak Detector
PRODUCT CODE	1398
SPECIFICATIONS	55975 Intelli Sense Portable hand-held LPG leak detector Audio visual alert with LED display
	Ideal for production or maintenance teams to carry and check in leakages areas which are not accessible. Detects combusting gases (see below)
	Heated tin oxide sensing element 2000 hour sensor life
	Less than 1 second respond time 50 - 1000 ppm
	DETECTS: Acetone, Acetylene, Ammonia, Benzene, Butane, Butanol, Chlorine, Ethanol, Gasoline, Hexane, Hydrogen Sulfide, Isobutane, Methane (natural gas) Methanol, Methyl Acetate, Methyl Chloride, Methyl Ether, Naptha, N-Butane, Pentane, Propane, Propanol, Sulfur Dioxide and Trichloromethane & LPG
BRANDS AVAILABLE	Mastercool

PRODUCT	Domestic Leak Detector
PRODUCT CODE	1397
SPECIFICATIONS	Gas detector for residences. It is designed to detect the concentration of combustible gas. GAS GUARD, a simple electronic device for early warning of cooking gas leaks.
	This microprocessor based, low priced, wall mounted device is specially designed for domestic application and can be fitted anywhere near the source of gas.
	Response time is less than 10 sec. One minute initial warm up delay. Long Sensor Life.
	Visible & audible alarm. Buzzer Sound level 90 dB to 30cm. Safe Alarm Point -10% LEL* of Methane i.e. 1500ppm. AUX. output for external buzzer. Alarm Mode - Latched or Unlatched (by default Latched) works on 230V AC, 50Hz.
BRANDS AVAILABLE	GAS GUARD / GASVIGIL





### Gas Leak Detection System for Commercial, Industrial Gas Installations

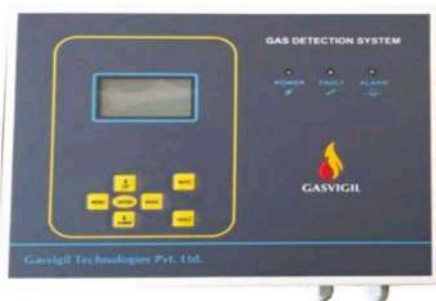
Gas leak detection systems used for Gas Safety checking for leaks in gas line, storage area, burner area, furnace, kitchens etc. These products can detect even the slightest of gas Leak and set the alarms at the right time. Many industrial and commercial establishments have installed these products, as these are easy to handle.

Some of the areas where these Gas Leak Detection Systems are used are as follows:

1. Bulk storage yards
2. Gas manifolds
3. Production areas in industrial plants
4. Piped gas facilities in multi-storied apartments
5. Cooking areas like kitchen in homes, hotels, canteen and food courts

#### Types of Leak Detection systems available:

- 1) Model GV-09: PESO/CMFIR approved flameproof gas detector without display (LPG / PNG) with analog control panel
- 2) Model GV-108: Flameproof Sensor PESO/ CIMFR approved with Digital Display with addressable processing unit.
- 3) Model GV-09+: CE & ROHS Approved Gas Monitoring Panel (12 channel) with color addressable LCD Display, Self-Diagnosis for Faulty Sensors, inbuilt Siren cum Flasher for warning.



## GAZWARN



PRODUCT	Stand Alone Gas Leak Detector for LPG / Natural Gas
PRODUCT CODE	1399
SPECIFICATIONS	Stand Alone Gas Leak Detector Ready to plug and play. Model : GZW - 1
	Features: Can detect even the slightest of gas leak and set the alarm immediately.
	Area where it can be installed: Gas Manifolds, Production areas in Industrial plants,
	Cooking areas like Kitchens in Hotels, Industries canteens and Food courts, Malls etc.
	Enclosure type: Flameproof PESO approved
	Note: Hooter will sound alarm in case of gas leakage near gas sensor only.
	Area covered 1 sq. mtr & Sound above 50 dB.
	Power Supply : 230 V AC power supply Single Phase
BRANDS AVAILABLE	GAZWARN

## VANAZ Pressure Reducing Station For LPG and Natural Gas

High Pressure Single Stream Double Stage (SSDS)



High Pressure Double Stream Single Stage (DSSS)



Skid Mounted Single Stage Single Stream Low Pressure Gas Train (SSSS)



**VANAZ City gas distribution  
Meter regulating stations for  
Commercial Customers**

This can also suffice for  
reticulated systems,  
imported automatic burners  
and restaurants on LPG / NG



**Low Pressure Pressure Reducing system with  
safety solenoid Valves along with Gas meter &  
Bypass Systems for automatic burners**





PRODUCT	Pressure Switch
PRODUCT CODE	RT 116 / RT 112
SPECIFICATIONS	RT 116 series pressure switch in IP : 65 enclosure suitable for LPG application having range from 1 to 10 bar to set at 7 bar with 5 amp 250 V SPDT contacts connection 3/8" BSPM
	RT 112 series pressure switch in IP 65 enclosure suitable for LPG application having range from 0.1 to 1.1 bar to set at 0.5 bar with 5 amp 250 V SPDT contacts connection 3/8" BSPM
BRANDS AVAILABLE	INDFOSS / SWITZER / WIKA



PRODUCT	Pressure Switch
PRODUCT CODE	PS050-PP / PS0150-PP / PS500-PP
SPECIFICATIONS	Pressure Switches are designed for switching a circuit on, off or over if the pressure actual value changes in relation to the set point. PS050-PP Positive Pressure Switch range 2.5 - 50 mbar Pmax 500 mbar PS0150-PP Positive Pressure Switch range 30 - 150 mbar Pmax 500 mbar PS500-PP Positive Pressure Switch range 100 - 500 mbar Pmax 1 bar Pressure Connection 1/4" BSP
BRANDS AVAILABLE	GECA



PRODUCT	Pressure Switch
PRODUCT CODE	PS60 / PS100
SPECIFICATIONS	Weatherproof pressure switch IP : 67 having range in models 10-100 mbar or 50 - 600 mbar Working pressure 7 bar Connection 3/8" BSPM PS600 : Pressure Range 50 - 600 mbar PS100 : Pressure Range 10 - 100 mbar
BRANDS AVAILABLE	ITEC



PRODUCT	Pressure Switch
PRODUCT CODE	PS10 / PS16 / PS20 / PS30
SPECIFICATIONS	Auto rest pressure switch IP : 67 having range in models 0 - 10 bar or 0 - 16 bar or 5 - 20 bar or 5 - 30 bar Working pressure 30 bar max. Connection 1/4" BSPF PS10 : Pressure Range 0 - 10 bar PS16 : Pressure Range 0 - 16 bar PS20 : Pressure Range 5 - 20 bar PS30 : Pressure Range 5 - 30 bar
BRANDS AVAILABLE	ITEC



PRODUCT	Dirt Trap for Liquid / Vapour LPG	
PRODUCT CODE	1430	1430 A
SPECIFICATIONS	#300 Class / #150 Class	#300 Class / #150 Class
SIZE	50NB / 40NB / 25NB	50NB / 40NB / 25NB
DIMENSION	300 x 450 mm	180 x 300 mm
	Maximum working pressure 17 bar for # 150 and 27 bar for #300 Includes ball valve for drain.	
BRANDS AVAILABLE	VEL / UE	



PRODUCT	Flashback arrester with non return valves
PRODUCT CODE	1420
SPECIFICATIONS	Material : Brass Forging
	Materials compatible to fluids. Environment friendly
	Connections : Standard in 3/8" BSP RHF / RHM.
	Wide range of external, internal as well combination of threads for Industrial & Domestic usage
	Available in 2 models - 20 bar & 200 bar test pressure.
BRANDS AVAILABLE	UE



PRODUCT	Flame Arrestor
PRODUCT CODE	1421 to 1427
SPECIFICATIONS	Available in 1/2", 3/4", 1", 1 1/2", 2" BSPF Threaded
	SS / MS seamless metal tubes
	Suitable for LPG / NG / Nitrogen
	Only for prevention of flashback, not suitable as non return valve
	Design : 5/7 layers of SS mesh
BRANDS AVAILABLE	VEL



PRODUCT	Flame Arrestor
PRODUCT CODE	1421 to 1427
SPECIFICATIONS	Available in 1/2", 3/4", 1", 1 1/2", 2" ASA #150 or ASA #300 flanged body
	SS / MS seamless metal tubes and metal flanges
	Suitable for LPG / NG / Nitrogen
	Only for prevention of flashback, not suitable as non return valve
	Design : 5/7 layers of SS mesh
BRANDS AVAILABLE	VEL



PRODUCT	Pressure Gauges
PRODUCT CODE	1401 to 1404
SPECIFICATIONS	Available in various pressure rating to suit customers requirements, made in SS body with 3/8" bottom inlet
	Please specify pressure rating and with or without glycerine.
BRANDS AVAILABLE	ITEC / PUNEGAS / UE



PRODUCT	Pushcock Button Holder For Pressure Gauge
PRODUCT CODE	1406
SPECIFICATIONS	Pressure gauges are available with or without siphon, isolation needle valves or push type valves.
	Size 3/8" BSPF
BRANDS AVAILABLE	PUNEGAS





PRODUCT	Temperature Indicator Controller Ignition Panel for Burner Control
PRODUCT CODE	1319
SPECIFICATIONS	TICIFIS is used for Automatic Burner controlling the temperature and Flame failure for Burners which work as per PLC
	Temperature Indicator Controller Ignition flame sensing panel for burner with Solenoid valves and flame arrester
BRANDS AVAILABLE	LA QUANTA



PRODUCT	Automatic Electronic Changeover Panel
PRODUCT CODE	AECF
SPECIFICATIONS	For switching from one bank to another bank with high & low pressure alarm
	When the pressure in the one of the gas bank goes below or above certain limits, Pressure transmitter will sense the same and send signal to the solenoid valve it will operate and supply of gas will be cut off from the bank and supply of gas will resumed from another bank automatically. Green Light will indicate the normal working of supply of gas from the Gas bank and red light will flash in case of pressure goes Below or Above certain limits.
BRANDS AVAILABLE	LA QUANTA



PRODUCT	Pressure Alarm System
PRODUCT CODE	1438
SPECIFICATIONS	High / Low / Dual Combo Pressure Switch with alarm for Manifolds or Pipelines
BRANDS AVAILABLE	LA QUANTA



PRODUCT	Electric CO <sub>2</sub> Heater 230 V
PRODUCT CODE	COH
SPECIFICATIONS	For carbon dioxide individual cylinder manifolds
	Size 1/2" male x female for CO <sub>2</sub> cylinder
BRANDS AVAILABLE	SE



PRODUCT	Siphon for Pressure Gauges
PRODUCT CODE	1401 A
SPECIFICATIONS	SS seamless tube siphon for pressure gauges in
	3/8" male x 3/8" female end connections
BRANDS AVAILABLE	ITEC

Rotogauges for bulk LPG bullets, Thermostats & Heating Coils for Vaporisers, and all fitting for Decanting, Unloading Hoses, Acme Couplings and Clamps are also available. We also test and certify LPG Safety Valves, Vaporisers, Unloading Hoses & LPG Bullets as per Chief Controller of Explosives Rules (PESO).

We carry out overhead & mounded storage installations for LPG in India and Abroad. We also offer consultancy for setting up of bottling plants for filling LPG cylinders.



PRODUCT	Safety Relief Valve for Bulk Bullets
PRODUCT CODE	SPL
SPECIFICATIONS	Safety Relief Valve for Bulk Bullets made as per CCOE / PESO standards
	Sizes available 1½" or 2"
BRANDS AVAILABLE	ANIL / KOSAN



PRODUCT	Temperature gauge
PRODUCT CODE	1405
SPECIFICATIONS	SS body, back entry ½" size. Maximum temperature 150°C
BRANDS AVAILABLE	ITEC



PRODUCT	Pop Action Safety Relief Valve
PRODUCT CODE	1243 / 1244
SPECIFICATIONS	Available in sizes ¾" mounting
	Pressure relief rating available in various capacities to suit customers requirements. Made in forged brass body.
	Also known as thermal relief valve Made as per CCOE / PESO standards
	For Oil Company bottling plants.
	Outlet threading suitable for vents.
BRANDS AVAILABLE	ANIL / KOSAN



PRODUCT	Acme Nuts & Couplings
PRODUCT CODE	1265 / 1266
SPECIFICATIONS	Acme coupling made as per CCOE/PESO Standards
	Used for Tank installations.
BRANDS AVAILABLE	SGI

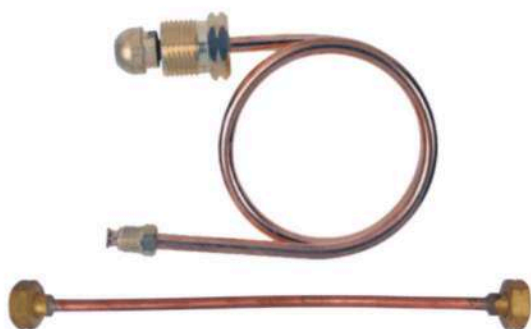


PRODUCT	Unloading & Decanting Hoses
PRODUCT CODE	1261 to 1264
SPECIFICATIONS	Size: 4mts & 5mts length and 1½" - 2" end fittings.
	Used for bottling plants and unloading LPG in Industries
	Bulk LPG installations. Certified as per PESO / CCOE standards
BRANDS AVAILABLE	DUNLOP / SUPERHOZE / ALFAGOMMA / PARKER / GATES





PRODUCT	Copper Burner Pigtails
PRODUCT CODE	1190 to 1197
SPECIFICATIONS	Available in length size 12" - 18" - 24" - 36" - 48" - 60". For 3/8" BSPF connections.
	8 mm Copper tube with forged brass bullnose and nut.
BRANDS AVAILABLE	VEL / UE



PRODUCT	Copper Cylinder Pigtails
PRODUCT CODE	1200 / 1201 / 1202
SPECIFICATIONS	For MECV Connections.
	8 mm Copper tube with forged brass bullnose and nut.
	In various lengths
	Used for LPG and Industrial Gases.
BRANDS AVAILABLE	VEL / UE



PRODUCT	Flexible Burner Pigtails
PRODUCT CODE	1210 to 1214
SPECIFICATIONS	Available in 3/8" BSPF - Length 24", 48", 72" & 120" or as per customer requirements. These pigtails are available in SS braiding, Suraksha, SAE 100R1 or AlphaGamma 8 mm Hose. All these pigtails are available with forged brass end fitting with brass crimping or MS fittings with MS hydraulic crimping
	Working pressure Orange 10 bar, Black 25 bar
BRANDS AVAILABLE	SURAKSHA / SUPERHOZE / DUNLOP / PUNEGAS / UE



PRODUCT	Flexible Cylinder Pigtails
PRODUCT CODE	1220 to 1225
SPECIFICATIONS	Available in 24", 36" and 60" or as per customer's requirement.
	Used in cylinder connection to get more flexibility between steady manifold & cylinder. This pigtail is specially used in railway Pantry Car, Mobile Canteen Van etc. Also available with one side 3/8" BSPF and other side FECV. These pigtails are available in SS Braiding, Suraksha, SAE 100R1, Alfa Gamma 8 mm Hose.
	All these pigtails are available with forged brass end fittings with brass crimping or MS fittings with MS hydraulic crimping.
	Working pressure Orange 10 bar, Black 25 bar
BRANDS AVAILABLE	SURAKSHA / SUPERHOZE / DUNLOP / PUNEGAS / UE



Product Code 1240

Liquid off-take hoses 1m  
Working pressure 160 bar



Product Code 1241

Heat resistant  
flanged end hosesR2 Industrial Gas  
Hose High Pressure

PRODUCT	Industrial Gas Hoses
PRODUCT CODE	1230 to 1234 & 1245
SPECIFICATIONS	Manufactured in Rayon or wire braided hose with standard end fittings as per customer's specifications. Stainless steel braided Teflon hoses for ammonia and Carbon dioxide. Stainless steel or G.I. braided flexible high pressure hoses for industrial gases. Internal tube could be of teflon, nylon or rubber in various forms for all gases.
TEMPERATURE RANGE	For Hydraulic Oil Lines: -40°C to 100°C
	For water emulsions
	(a) Pressure Lines: Max. Temp. Limit + 93°C (b)
	Return Lines: Max.Temp. Limit + 82°C
	We also manufacture all types of pneumatic hoses with different connections in different grades and sizes as per requirements up to 2" size and pressure of 250 kg/cm <sup>2</sup>
BRANDS AVAILABLE	SURAKSHA / ALFA GOMMA / SUPERHOZE / DUNLOP / PUNEGAS

JACK Hose ¼" or ½" BSPF 1 m  
Working pressure 400 bar  
Product Code 1245

400 bar/6000 psi pressure rating, thermo plastic hose for industrial gases in various end fittings and lengths.

2 meter, ½" Vapour Hose  
for 450 kg cylinders  
Working pressure 160 bar  
Product Code 15112 meter, ¾" Liquid Hose  
for 450 kg cylinders  
Working pressure 160 bar  
Product Code 1504LOT HOSE  
FOR 450 KG CYLINDERLow Pressure ½" / ¾" / 1"  
Vapour Hose for automatic burners  
Working pressure 10 bar  
Product Code 1230 to 1236

PRODUCT	Low Pressure Hoses For Imported Automatic Burners.
PRODUCT CODE	1230 to 1236
SPECIFICATIONS	Made as per customer's specifications in SS braiding with Rayon rubber hose and end fittings in brass or MS or SS fittings.
	Available in various lengths
	Please specify length and end fittings
BRANDS AVAILABLE	ALFA GOMMA / SUPERHOZE / DUNLOP

We can manufacture and deliver all kinds of hoses in a variety of materials, from ¼" size to 2" from pressures of 100 mbar to 250 bar, with variety of end fittings in MS, Brass or SS.



# 04

## VALVES





PRODUCT	Solenoid Valves
PRODUCT CODE	1344 to 1367
SPECIFICATIONS	Used for controlling flow of gas with connectivity to PLC or Sequence controller. Made in modular in construction facilitating the user to select valves for various application from wide range and different construction of Solenoids independently. Built in aluminium, brass or SS bodies which are weather proof and Flame proof.
	Available in 2/2 way Normally Open / Normally Closed , Pilot Operated or Direct acting
	Power supply 230 V AC / 12 V DC / 24 V DC
	Pressure range : 0.5 - 12 bar (other range upto 40 bar available on request)
	Body : Aluminium , SS 304 and Brass
	Size : ¼" to 2" BSPF screwed end and 3" - 4" Flanged end ASA #150
	Model No.
	DAN14 : Size ¼" BSP F
	DBN74 : Size ¾" BSP F
	PCN28 : Size ½" BSP F
	PCN38 : Size ¾" BSP F
	PCN48 : Size 1" BSP F
	PCN68 : Size 1½" BSP F
	PCN88 : Size 2" BSP F
BRANDS AVAILABLE	UFLOW



Size ¾"

Size 1"

Size 2"

PRODUCT	Excess FlowCheck Valve
PRODUCT CODE	1327 / 1328 / 1329 / 1330
SPECIFICATIONS	In brass body available in ¾", 1", 1½", 2" sizes with different flow capacities ranging from 18GPM to 54 GPM. Essential safety device to protect pressurised tank or container against loss of its contents in the event of a pipeline fracture. Permits flow in either direction but controls its rate in one direction when it exceeds another.
	Working Pressure 17 bar
	Available in screwed type, flanged type or sandwich type
BRANDS AVAILABLE	ANIL / KOSAN



PRODUCT	Quarter Turn Ball Valve With Nozzle
PRODUCT CODE	1279
SPECIFICATIONS	These two piece LPG Ball Valves have their bodies forged in brass, chrome plated and working parts from stainless steel. Seats and gland washers are P.T.F.E. These valves are full bore, anti-static and fire safe. The lever and spindle have a dual lock system for quarter turn operation. Available in nozzle outlet for hose connections.
	Inlet size ¼", ¾" or ½" BSPF
	Outlet size 8 mm nozzle Made as per EN 331 standard
BRANDS AVAILABLE	UE



PRODUCT	Quarter Turn Ball Valve Screwed Full Bore
PRODUCT CODE	1278 / 1278 EN
SPECIFICATIONS	These two piece LPG Ball Valves have their bodies forged in brass, chrome plated and working parts from stainless steel. Seats and gland washers are P.T.F.E. These valves are full bore, anti-static and fire safe. The lever and spindle have a dual lock system for quarter turn operation.
	Inlet size ¼", ¾", ½", ¾" or 1" BSPF
	Outlet size ¼", ¾", ½", ¾" or 1" BSPF
	Made as per EN 331 standard
BRANDS AVAILABLE	UE / ASTRON GAS





PRODUCT	Needle Control Valves
PRODUCT CODE	1250 to 1254
SPECIFICATIONS	Brass forged body needle control valves used for controlling flow of gas to burners in kitchen equipment or from line to cooking platform.
	Sizes available $\frac{3}{8}$ " MT x $\frac{3}{8}$ " CU
	$\frac{1}{2}$ " MT x $\frac{3}{8}$ " CU
	$\frac{1}{2}$ " MECV x $\frac{1}{2}$ " MECV
	$\frac{1}{2}$ " MT x $\frac{1}{2}$ " MT
	Working Pressure 15 bar
BRANDS AVAILABLE	VEL / UE



PRODUCT	Needle Control Valves for Pressure Gauges
PRODUCT CODE	1255
SPECIFICATIONS	Brass forged body needle control valves used for controlling flow of gas to pressure gauge mounted above it
	Sizes available $\frac{3}{8}$ " BSPF x $\frac{3}{8}$ " BSPF
	Working Pressure 15 bar
BRANDS AVAILABLE	VEL / UE



PRODUCT	High Pressure Needle Control Valves
PRODUCT CODE	1256 / 1257 / 1258 / 1259
SPECIFICATIONS	Stainless steel heavy duty body, high pressure needle control valves having
	working pressure 400 bar (6000 PSI)
	Size Available $\frac{1}{4}$ " BSPF x $\frac{1}{4}$ " BSPF
	$\frac{3}{8}$ " BSPF x $\frac{3}{8}$ " BSPF
	$\frac{1}{2}$ " BSPF x $\frac{1}{2}$ " BSPF
	1" BSPF x 1" BSPF
BRANDS AVAILABLE	ITEC



PRODUCT	LPG Cylinder Valve VOT
PRODUCT CODE	1368
SPECIFICATIONS	Unreduced pressure brass forged self closing quick filling LPG cylinder valves for VOT cylinders suitable for 25.6 mm cylinder regulator outlet.
	Inlet $\frac{3}{4}$ " NPT suitable for any size of cylinders
	Maximum vapour withdrawal 700 g/hr
	Test Pressure 17 bar as per BS EN: 13152 / IS: 8737
BRANDS AVAILABLE	KOSAN



PRODUCT	LPG Cylinder Valve LOT
PRODUCT CODE	1369
SPECIFICATIONS	Handwheel operated forged brass body male outlet $\frac{1}{4}$ " ACME with safety liquid withdrawal type facility coupled with built in excess flow device and safety relief valve.
	Test Pressure 17 bar as per BS EN: 13153 / IS: 8737
	Maximum liquid withdrawal rate 5 kg/hr
BRANDS AVAILABLE	KOSAN



PRODUCT	3 Piece Design Ball Valve IC Square
PRODUCT CODE	1290 to 1294
SPECIFICATIONS	3 Piece Design Ball Valve in flanged, screwed or socket welded
	WCB CS or SS CF8 body.
	Made as per design standard IS 9890 : 1981 full bore investment casting
	Pressure rating BS 6755 Part I API 598 IS 6157 : 1981
	Flange dimensions as per ANSI B 16.5 and ASA 150
	Screwed dimensions as per ANSI B 1.20.1 and BS 21 / IS 554
	Face to face as per IS 9884 : 1981    Size available 1" / 1½" / 2" / 3" / 4"
BRANDS AVAILABLE	VEL / PUNEGAS / UE



PRODUCT	1 Piece Design Ball Valve Gas Safe
PRODUCT CODE	1322 to 1325
SPECIFICATIONS	1 Piece Design Ball Valve in flanged end in WCB CS body in #150 or #300.
	Made as per design standard IS 9890 : 1981 full bore cast steel having
	Pressure rating BS 6755 Part I API 598 IS 6157 : 1981
	Flange dimensions as per ANSI B 16.5 and ASA 150 or 300
	Face to face as per IS 9884 : 1981
	Size available 1" / 1½" / 2" / 3"
BRANDS AVAILABLE	VEL / PUNEGAS / UE



PRODUCT	2 Piece Design Screwed Ball Valve Full Bore
PRODUCT CODE	1270 to 1274
SPECIFICATIONS	2 Piece Design Ball Valve in screwed WCB CS body or SS CF8 body.
	Made as per design standard IS 9890 : 1981 full bore investment casting
	having pressure rating BS 6755 Part I API 598 IS 6157 : 1981
	Screwed dimensions as per ANSI B 1.20.1 and BS 21 / IS 554
	Size available ½" / ¾" / 1" / 1½" / 2"
BRANDS AVAILABLE	VEL / PUNEGAS / UE





# 05

## TORCHES





## Delux Gas (Propane or Butane) Torches in compliance with regulations ISO EN 9012 Part No. 1550 A,B & C

Burner Head	Extension	Weight (g)	K Cal / hr	Kw	Kj / hr	Working Pressure (bar)	Max Consumption Kg/h
50	200/300/400	750/770/810	53550	62.27	224162	2 - 4	4.5
60	200/300/400	815/835/875	64260	74.72	268995	2 - 4	5.4
70	200/300/400	865/885/925	71400	83.02	298883	2 - 4	6.0

### Instructions for correct use

#### Use exclusively in open air

Please make sure that flexible hose has been correctly connected rigorously in order before to the welding torch and then to gas cylinder

#### Ignition

1. Close both small tap and black knob clockwise
2. Open the main tap of the gas cylinder
3. Regulate Gas Pressure through the valve placed on the gas regulator (if provided)
4. Push button located on security valve (if supplied) until the hose is totally fulfilled with gas
5. Slightly open the black torch knob
6. Ignite the torch. Regulate the brass knob to obtain desired pilot flame.
7. Pull the lever to get maximum output (the black knob controls the lever gas flow)
8. In case of wind or inclement weather conditions, increase the pilot flame by turning anticlockwise the small brass knob

#### Turn Off

1. Close the main tap on the gas cylinder
2. Consume all the residual gas in the rubber hose
3. Close the torch taps and knobs

#### Safety Devices:

1. An excess flow security valve is placed on the regulator for immediate stop of gas flow in case of rubber hose damage or sudden pressure change due to external causes
2. A torch stand is provided as standard equipment in order to lay the torch when in use. This allows the torch to rest in a upright position onto the floor.



## SWARAJ GAS TORCHES & BURNERS

For small brazing applications





# SIEVERT

Heating tools for professionals

## Classic Torch System For Soldering And Jewellery Works

Promatic System R

Sievert Pro 86 Handle 3486

- Single valved handle mainly for smaller burners
- The spindle and valve are designed to give a very exact and quick flame setting
- The spring loaded metal knob gives a precise and stable setting for the finest of flames
- All metal parts made of high quality brass
- Ergonomically designed plastic composite handle
- Delivered without hose nipple

Handle Art No.	348641
Working Pressure, bar	1,5-8
Weight, g	245
Length, mm	180
Height, mm	70
Hose Connections BSP	3/8" LH



Manual Ignition Sievert Promatic Handle 3486

### Pin-point Burners



### Pin-point Burners



### Neck Tubes System R



### System R



Art No. 884204, 393802, 393902

- Pin-point burners with the finest flames for precision work such as gold and silver forging
- Recommended working pressure 2 bar



### System R

Art No. 294102

- Standard burners with brush-type flames for all kinds of soft soldering/small heating applications
- Recommended working pressure 2 bar

Art No. 350101  
Only for pin-point burner 884204  
Neck tube Length, 78mm

Art No. 351102  
Neck tubes made for high quality brass  
Neck tube Length, 70mm

Burner art no.	884204	393802	393902	294102
Burner diameter Ø, mm	8	17	17	28
Gas Consumption, g/h at 2 bar	20	20	70	600
Effect, kW	0,25	0,25	0,9	7,7
Soft Soldering about 400°C max. pipe diameter Ø, mm	10	10	12	60

# 06

## LPG/PNG BURNERS







PRODUCT	Infra Red Radiant Gas Burner
PRODUCT CODE	1103
SPECIFICATIONS	Gas operated Infra Red Radiant Burner for flameless heating applications upto 350°C in MS body and SS mesh or ceramic plate.
	Size 6"x18"
	Consumption 0.80 Kg/hr
BRANDS AVAILABLE	VEL / UE



PRODUCT	Infra Red Radiant Gas Burner
PRODUCT CODE	1100
SPECIFICATIONS	Gas operated Infra Red Radiant Burner for flameless heating applications upto 350°C in CI body and SS mesh.
	Size 4"x18"
	Consumption 0.65 Kg/hr
BRANDS AVAILABLE	VEL / UE



PRODUCT	Infra Red Radiant Gas Burner
PRODUCT CODE	1102
SPECIFICATIONS	Gas operated Infra Red Radiant Burner for flameless heating applications upto 350°C in MS body and SS mesh or ceramic plate.
	Size 1100 mm x 110 mm
	Consumption 0.65 Kg/hr
BRANDS AVAILABLE	VEL / UE



PRODUCT	Infra Red Radiant Gas Burner for Shawarma
PRODUCT CODE	1101
SPECIFICATIONS	Gas operated Infra Red Radiant Burner for flameless heating applications upto 350°C in MS body and SS mesh or ceramic plate for commercial equipment applications
	Size 8"x9"
	Consumption 0.35 Kg/hr
BRANDS AVAILABLE	VEL / UE



PRODUCT	Infra Red Radiant Gas Burner for Brooder
PRODUCT CODE	1104
SPECIFICATIONS	Gas operated Infra Red Radiant Burner for flameless heating applications upto 350°C in MS body and SS mesh or ceramic plate for Poultry use to heat environment in chicken pens.
	Size 4"x8"
	Consumption 0.35 Kg/hr
BRANDS AVAILABLE	VEL / UE

Ideal heavy duty burners for bulk frying and general heating requirements of industries like pharmaceuticals, canteens, caterers, hotels and bulk cooking. They produce a powerful torch type blue flame. Available in four capacities. Flame throwing burner with top exit.

These burners are recommended to be used at pressures of 320 to 490 gm/cm<sup>2</sup> (4.5 psig), however this may vary by +25%, the heat output being varied accordingly.

Connection 3/8" BSPM compression inlet. All these burners are manufactured as per IS standards 14612. These burners could be manufactured for piped natural gas or LP gas. Consumption of fuel will depend as per model and pressure injected.

For PNG Part No. T-35 : 1022, T-50 : 1023, T-78 : 1024



PRODUCT	Torch type Burner T 22
PRODUCT CODE	1010
SPECIFICATIONS	Brass forged jet assembly with air intake coupling, 3/8 BSPM inlet mounted below heavy duty CI head and SS mesh.
	Maximum working pressure 0.5 bar
	Consumption (Kg/hr) 1 to 1.25
BRANDS AVAILABLE	VEL / UE



PRODUCT	Torch type Burner T 35
PRODUCT CODE	1020
SPECIFICATIONS	Brass forged jet assembly with air intake coupling, 3/8 BSPM inlet mounted below heavy duty CI head and SS mesh.
	Maximum working pressure 0.5 bar
	Consumption (Kg/hr) 1.58 to 1.97
BRANDS AVAILABLE	VEL / UE



PRODUCT	Torch type Burner T 50
PRODUCT CODE	1011
SPECIFICATIONS	Brass forged jet assembly with air intake coupling, 3/8 BSPM inlet mounted below heavy duty CI head and SS mesh.
	Maximum working pressure 0.5 bar
	Consumption (Kg/hr) 2.24 to 2.50
BRANDS AVAILABLE	VEL / UE



PRODUCT	Torch type Burner T 78
PRODUCT CODE	1021
SPECIFICATIONS	Brass forged jet assembly with air intake coupling, 3/8 BSPM inlet mounted below heavy duty CI head and SS mesh.
	Maximum working pressure 0.5 bar
	Consumption (Kg/hr) 3.56 to 4.20
BRANDS AVAILABLE	VEL / UE



Ideal heavy duty burners for bulk cooking and general heating requirements of industries like restaurants, hotels, caterers and bulk kitchens. Produces lovely sunlower shaped flame. Available in four capacities. Flame throwing burner with side spreading type exit.

These burners are recommended to be used at pressures of 320 gm/cm<sup>2</sup> (4.5 psig), however this may be varied by +25%, the heat output being varied accordingly.

Connection 3/8" BSPM compression inlet. All these burners are manufactured as per IS standards 14612. These burners could be manufactured for piped natural gas or LP gas. Consumption of fuel will depend as per model and pressure injected.

For PNG Part No. M-35 : 1032, M50 : 1033, M-78 : 1034



PRODUCT	Ring Type Burner M 22
PRODUCT CODE	1030
SPECIFICATIONS	Brass forged jet assembly with air intake coupling, 3/8 BSPM inlet mounted
	below heavy duty spring loaded CI head
	Maximum working pressure 0.4 bar
	Consumption (Kg/hr) 1
BRANDS AVAILABLE	VEL / UE



PRODUCT	Ring Type Burner M 35
PRODUCT CODE	1040
SPECIFICATIONS	Brass forged jet assembly with air intake coupling, 3/8 BSPM inlet mounted
	below heavy duty spring loaded CI head
	Maximum working pressure 0.4 bar
	Consumption (Kg/hr) 1.58
BRANDS AVAILABLE	VEL / UE



PRODUCT	Ring Type Burner M 50
PRODUCT CODE	1031
SPECIFICATIONS	Brass forged jet assembly with air intake coupling, 3/8 BSPM inlet mounted
	below heavy duty spring loaded CI head
	Maximum working pressure 0.4 bar
	Consumption (Kg/hr) 2.24
BRANDS AVAILABLE	VEL / UE



PRODUCT	Ring Type Burner M 78
PRODUCT CODE	1041
SPECIFICATIONS	Brass forged jet assembly with air intake coupling, 3/8 BSPM inlet mounted
	below heavy duty spring loaded CI head
	Maximum working pressure 0.4 bar
	Consumption (Kg/hr) 3.56
BRANDS AVAILABLE	VEL / UE

Ideal heavy duty burners for bulk multi purpose heating, cooking requirements of industries like restaurants, caterers, hoteliers and bulk kitchens. Produces a powerful lotus flower type blue flame from side and centre. Available in three capacities for multi purpose applications.

These burners are recommended to be used at pressures of 320 to 490 gm/cm<sup>2</sup> (4.5 psig), however this may be varies by +25%, the heat output being varied accordingly.

Connection  $\frac{3}{8}$ " BSPM compression inlet . All these burners are manufactured as per IS standards 14612. These burners could be manufactured for piped natural gas or LP gas. Consumption of fuel will depend as per model and pressure injected.

For PNG Part No G-7 : 1053, G-9 : 1054, G-11 : 1055



PRODUCT	Multi Flame Sunflower Burner G 7
PRODUCT CODE	1050
SPECIFICATIONS	Brass forged jet assembly with air intake coupling, $\frac{3}{8}$ BSPM inlet mounted below heavy duty 2 piece screwed CI head
	Maximum working pressure 0.5 bar
	Consumption (Kg/hr) 1.25
BRANDS AVAILABLE	VEL / UE



PRODUCT	Multi Flame Sunflower Burner G 9
PRODUCT CODE	1051
SPECIFICATIONS	Brass forged jet assembly with air intake coupling, $\frac{3}{8}$ BSPM inlet mounted below heavy duty 2 piece screwed CI head
	Maximum working pressure 0.5 bar
	Consumption (Kg/hr) 2.24
BRANDS AVAILABLE	VEL / UE



PRODUCT	Multi Flame Sunflower Burner G 11
PRODUCT CODE	1052
SPECIFICATIONS	Brass forged jet assembly with air intake coupling, $\frac{3}{8}$ BSPM inlet mounted below heavy duty 2 piece screwed CI head
	Maximum working pressure 0.5 bar
	Consumption (Kg/hr) 3.56
BRANDS AVAILABLE	VEL / UE



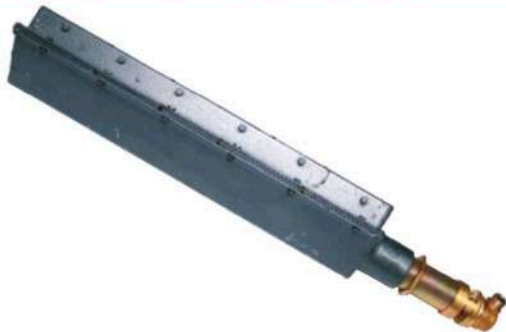
Ideal heavy duty burners for hot plate heating requirements of industries like catering, dosa restaurants, pan cakes and plate heating, produces a powerful ribbon type blue flame. Available in multi capacities with multi flame, multi purpose applications.

These burners are recommended to be used at pressures of 320 to 490 gm/cm<sup>2</sup> (4.5 psig), however this may vary by +25%, the heat output being varied accordingly. Connection 3/8" BSPM compression inlet. Consumption of fuel will depend as per model and pressure injected.

These burners can be manufactured in different sizes, lengths, entry positions and flame thicknesses. All these burners are manufactured as per IS standards 14612. These burners can be manufactured for piped natural gas or LP gas.



PRODUCT	V Type Double Ribbon Burner
PRODUCT CODE	1070 to 1075 RVBE
SPECIFICATIONS	Bottom entry brass forged jet assembly with air intake coupling, 3/8 BSPM inlet mounted with heavy duty fabricated box type combustion chamber having SS ribbon. Please specify length and entry
	Maximum working pressure 0.3 bar
	Consumption (RV-300 Burner 1ft long) 1.58 Kg/hr
	Consumption (RV-600 Burner 2ft long) 1.90 Kg/hr
BRANDS AVAILABLE	VEL / UE



PRODUCT	V Type Double Ribbon Burner
PRODUCT CODE	1070 to 1075 RVSE
SPECIFICATIONS	Side entry brass forged jet assembly with air intake coupling, 3/8 BSPM inlet mounted with heavy duty fabricated box type combustion chamber having SS ribbon. Please specify length and entry
	Maximum working pressure 0.3 bar
	Consumption (RV-900 Burner 3ft long) 1.90 Kg/hr
	Consumption (RV-1200 Burner 4ft long) 2.28 Kg/hr
BRANDS AVAILABLE	VEL / UE

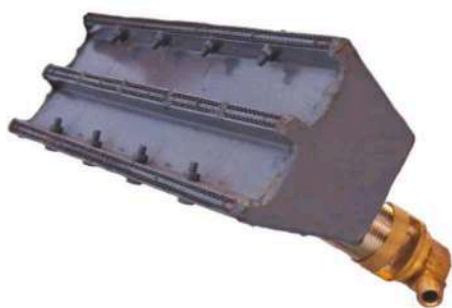
Apart from the standard models listed above this burner can be supplied in any ribbon length upto a maximum of 2100 mm (83 in.) Single Flame Ribbon Burner (L Type). We can also make them as per customers design and specifications



PRODUCT	L Type Single Ribbon Burner Box Type
PRODUCT CODE	1070 to 1075 RLSE
SPECIFICATIONS	Bottom or Side entry brass forged jet assembly with air intake coupling, 3/8 BSPM inlet mounted with heavy duty fabricated box type combustion chamber having SS ribbon. Please specify length and entry
	Maximum working pressure 0.3 bar
	Consumption (RL-300 Burner 1ft long) 1 Kg/hr
BRANDS AVAILABLE	VEL / UE



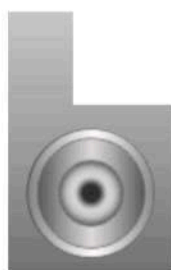
PRODUCT	L Type Single Ribbon Burner Pencil Type
PRODUCT CODE	1070 to 1075 RLPE
SPECIFICATIONS	Bottom or Side entry brass forged jet assembly with air intake coupling, 3/8 BSPM inlet mounted with heavy duty fabricated pencil type combustion chamber having SS ribbon. Please specify length and entry
	Maximum working pressure 0.3 bar
	Consumption (RL-300 Burner 1ft long) 1 Kg/hr
BRANDS AVAILABLE	VEL / UE



PRODUCT	W Type Triple Ribbon Burner
PRODUCT CODE	1070 to 1075 RWBE
SPECIFICATIONS	Bottom entry brass forged jet assembly with air intake coupling, 3/8 BSPM inlet mounted with heavy duty fabricated box type combustion chamber having SS ribbon. Please specify length and entry
	Maximum working pressure 0.3 bar
	Consumption 3 Kg/hr
BRANDS AVAILABLE	VEL / UE



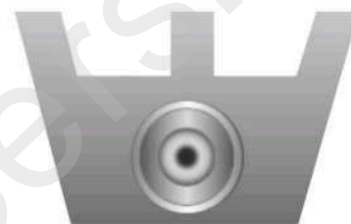
L Type



L Type



V Type



W Type

## FISH TAIL BURNERS

Apart from the standard models listed above, these burners can be supplied in any ribbon length from 75 mm to 400 mm (3" to 15.75"). Side entry or bottom entry or made as per customers individual design and specifications.

Connection 3/8" BSPM compression inlet burners in this model of higher capacity can be supplied on demand



PRODUCT	Fish Tail Type Ribbon Burner
PRODUCT CODE	1060 to 1064
SPECIFICATIONS	Bottom entry brass forged jet assembly with air intake coupling, 3/8 BSPM inlet mounted with heavy duty fabricated box type combustion chamber having SS ribbon. Please specify length and entry
	Maximum working pressure 0.3 bar
	Consumption (FT-75 Burner) 0.20 Kg/hr
	Consumption (FT-150 Burner) 0.45 Kg/hr
BRANDS AVAILABLE	VEL / UE



PRODUCT	Fish Tail Type Ribbon Burner
PRODUCT CODE	1060 to 1064
SPECIFICATIONS	Bottom entry brass forged jet assembly with air intake coupling, 3/8 BSPM inlet mounted with heavy duty fabricated box type combustion chamber having SS ribbon. Please specify length and entry
	Maximum working pressure 0.3 bar
	Consumption (FT-230 Burner) 0.65 Kg/hr
	Consumption (FT-300 Burner) 0.90 Kg/hr
BRANDS AVAILABLE	VEL / UE



Ideal heavy duty burners for slow and constant heating over long periods. Available in various capacities for multi purpose applications. These burners are recommended to be used at pressures of 320 to 490 gm/cm<sup>2</sup> (4.5 psig), however this may vary by +25%, the heat output being varied accordingly. Connection  $\frac{3}{8}$ " BSPM compression inlet. All these burners are manufactured as per IS standards 14612. Consumption of fuel will depend as per model and pressure injected.



PRODUCT	Multi Ring Low Pressure Dum Biryani Burner In CI Body
PRODUCT CODE	1106 B / 1106 C
SPECIFICATIONS	Rated operating pressure 0.03 bar having individual inlet connections $\frac{3}{8}$ " BSPM
	Available in 1, 2, 3, 4 rings with individual control.
	Consumption (3 Ring Burner) 1 Kg/hr
BRANDS AVAILABLE	VEL / UE



PRODUCT	Multi Ring Low Pressure Dum Biryani Burner In CI Body
PRODUCT CODE	1106
SPECIFICATIONS	Rated operating pressure 0.03 bar having individual inlet connections $\frac{3}{8}$ " BSPM
	Available in 1, 2, 3, 4 rings with individual control.
	Consumption (2 Ring Burner) 0.65 Kg/hr
BRANDS AVAILABLE	VEL / UE



PRODUCT	Multi Ring Low Pressure Dum Biryani Burner in Metal Body
PRODUCT CODE	1110
SPECIFICATIONS	Rated operating pressure 1 bar having common inlet connection $\frac{3}{8}$ " BSPM
	3 ring burner with common inlet
	Pressure 1 Bar (15 PSI)
	Consumption 3 Kg/hr (35000 kcal/hr)
BRANDS AVAILABLE	VEL / UE



PRODUCT	Multi Ring Low Pressure Dum Biryani Burner in Metal Body
PRODUCT CODE	1108
SPECIFICATIONS	Rated operating pressure 1 bar having common inlet connection $\frac{3}{8}$ " BSPM
	2 ring burner with common inlet
	Pressure 1 Bar (15 PSI)
	Consumption 2.3 Kg/hr (26000 kcal/hr)
BRANDS AVAILABLE	VEL / UE



PRODUCT	Multi Ring Low Pressure Dum Biryani Burner in Metal Body
PRODUCT CODE	1109
SPECIFICATIONS	Rated operating pressure 1 bar having individual inlet connection $\frac{3}{8}$ " BSPM
	3 ring burner with individual inlet
	Pressure 1 Bar (15 PSI)
	Consumption 3 Kg/hr (35000 kcal/hr)
BRANDS AVAILABLE	VEL / UE

Ideal heavy duty burners for bulk cooking and general heating requirements of industries like restaurants, hotels, caterers and bulk kitchens. Produces lovely carnation flower shaped flame. Available in four capacities. Flame throwing burner with side spreading type exit.

These burners are recommended to be used at pressures of 320 gm/cm<sup>2</sup> (4.5 psig), however this may be varied by +25%, the heat output being varied accordingly. Consumption of fuel will depend as per model and pressure injected.

Connection  $\frac{3}{8}$ " BSPM compression inlet. All these burners are manufactured as per IS standards 14612. These burners could be manufactured for piped natural gas or LP gas

For PNG Part No. 1042 for M100, 1043 for M140



PRODUCT	High Pressure Ring Type Bulk Heating Burner M 100
PRODUCT CODE	1042
SPECIFICATIONS	Side entry brass forged jet assembly with air intake coupling, $\frac{3}{8}$ BSPM inlet mounted on pipe fitting with MS rings in copper or SS wire screwed atop elbow
Maximum working pressure	0.5 bar
Consumption	4.8 Kg/hr (65 Kw)
BRANDS AVAILABLE	VEL / UE



PRODUCT	High Pressure Ring Type Bulk Heating Burner M 140
PRODUCT CODE	1043
SPECIFICATIONS	Side entry brass forged jet assembly with air intake coupling, $\frac{3}{8}$ BSPM inlet mounted on pipe fitting with MS rings in copper or SS wire screwed atop elbow
Maximum working pressure	0.5 bar
Consumption	6.03 Kg/hr (80 Kw)
BRANDS AVAILABLE	VEL / UE

Imported fully automatic LPG - NG burners for furnaces, powder coating, bulk heating etc used in conversion from other fuels to LPG / NG mounted in halwai farsan bhatti



PRODUCT	Automatic monoblock burners
PRODUCT CODE	ABG 35
SPECIFICATIONS	35 Kw rating single solenoid burner with imported relay, PLC, Solenoid valve, Ignition Flame Failure Device and optional Temperature Controller
Maximum working pressure	100 mbar
Consumption	2.64 Kg/hr (35 Kw)
BRANDS AVAILABLE	PYRAMID



PRODUCT	Automatic monoblock burners
PRODUCT CODE	ABG 65 / ABG 100
SPECIFICATIONS	65 / 100 Kw rating double solenoid burner with imported relay, PLC, Solenoid valve, Ignition Flame Failure Device and optional Temperature Controller
Maximum working pressure	100 mbar
Consumption	4.90 Kg/hr (65 Kw) 7.54 Kg/hr (100 Kw)
BRANDS AVAILABLE	PYRAMID



Model No. ST-2.5 / ST-5 / ST-10 / ST-20 / ST-40 / ST-60 / ST-80 / ST-160

Part No. 1080 / 1081 / 1082 / 1083 / 1084 / 1085 / 1086 / 1087

These burners produce short turbulent oxidizing flames ideal for high intensity weld preheating, wherever hydrogen cracking is to be avoided. It can also be used as an immersion heater or a space heater where secondary air is low. These burners can be made in longer lengths.

Model No.: S-2.5 / S-5 / S-10 / S-20 / S-40 / S-60 / S-80 / S-160

Part No. 1090 / 1091 / 1092 / 1093 / 1094 / 1095 / 1096 / 1097

These burners produce long, reducing, low velocity flames for an excellent transfer efficiency in heating dies, moulds, plates, castings and large fabricated components. These burners can be made in longer lengths. Connection 3/8" BSPM compression inlet. Burners in this model of higher capacity can be supplied on demand

Consumption of fuel will depend as per model and pressure injected.

ST TYPE



S TYPE



#### SPECIFICATIONS 'S' TYPE

Model No.	Length	Head Diameter	Working Pressure		Consumption per Hour		Rated Heat Output	
			Min.	Max.	Min.	Max.	Min.	Max.
S-20	210 mm	33 mm	0.14 Kg/cm <sup>2</sup>	1.40 Kg/cm <sup>2</sup>	0.68 Kg	1.89 Kg	7,560 kcal/hr	21,100 kcal/hr
	8.27 in	1.30 in	2.0 psig	20.0 psig	1.5 lbs	4.2 lbs	30,000 btu/hr	83,600 btu/hr
S-40	268 mm	43 mm	0.14 Kg/cm <sup>2</sup>	1.40 Kg/cm <sup>2</sup>	1.35 Kg	3.83 Kg	15,100 kcal/hr	42,840 kcal/hr
	10.55 in	1.70 in	2.0 psig	20.0 psig	3.0 lbs	8.5 lbs	60,000 btu/hr	1,70,000 btu/hr
S-60	300 mm	50 mm	0.14 Kg/cm <sup>2</sup>	1.40 Kg/cm <sup>2</sup>	2.00 Kg	5.70 Kg	22,650 kcal/hr	64,260 kcal/hr
	12.00 in	2.0 in	2.0 psig	20.0 psig	4.5 lbs	11.25 lbs	90,000 btu/hr	2,55,000 btu/hr
S-80	383 mm	60 mm	0.14 Kg/cm <sup>2</sup>	1.40 Kg/cm <sup>2</sup>	2.70 Kg	7.61 Kg	30,240 kcal/hr	84,670 kcal/hr
	15.08 in	2.36 in	2.0 psig	20.0 psig	6.0 lbs	16.9 lbs	1,20,000 btu/hr	3,36,000 btu/hr
S-160	483 mm	79 mm	0.14 Kg/cm <sup>2</sup>	1.40 Kg/cm <sup>2</sup>	5.40 Kg	15.21 Kg	60,500 kcal/hr	1,70,000 kcal/hr
	19.02 in	3.11 in	2.0 psig	20.0 psig	12.0 lbs	33.8 lbs	2,40,000 btu/hr	6,73,000 btu/hr



S Type  
Long Thin Flame

#### SPECIFICATIONS FOR 'ST' TYPE

Model No.	Length	Head Diameter	Working Pressure		Consumption per Hour		Rated Heat Output	
			Min.	Max.	Min.	Max.	Min.	Max.
ST-2.5	149 mm	28 mm	0.14 Kg/cm <sup>2</sup>	1.40 Kg/cm <sup>2</sup>	0.09 Kg	0.24 Kg	1,000 kcal/hr	2,660 kcal/hr
	5.87 in	1.10 in	2.0 psig	20.0 psig	0.20 lbs	0.53 lbs	4,000 btu/hr	10,550 btu/hr
ST-5	169 mm	32 mm	0.14 Kg/cm <sup>2</sup>	1.40 Kg/cm <sup>2</sup>	0.17 Kg	0.48 Kg	1,855 kcal/hr	5,290 kcal/hr
	6.65 in	1.26 in	2.0 psig	20.0 psig	0.37 lbs	1.06 lbs	7,360 btu/hr	21,000 btu/hr
ST-10	204 mm	41 mm	0.14 Kg/cm <sup>2</sup>	1.40 Kg/cm <sup>2</sup>	0.34 Kg	0.95 Kg	3,750 kcal/hr	10,580 kcal/hr
	8.03 in	1.61 in	2.0 psig	20.0 psig	0.75 lbs	2.11 lbs	14,900 btu/hr	42,000 btu/hr
ST-20	250 mm	48 mm	0.14 Kg/cm <sup>2</sup>	1.40 Kg/cm <sup>2</sup>	0.68 Kg	1.89 Kg	7,560 kcal/hr	21,100 kcal/hr
	9.84 in	1.89 in	2.0 psig	20.0 psig	1.50 lbs	4.20 lbs	30,000 btu/hr	83,600 btu/hr
ST-40	318 mm	58 mm	0.14 Kg/cm <sup>2</sup>	1.40 Kg/cm <sup>2</sup>	1.35 Kg	3.83 Kg	15,100 kcal/hr	42,840 kcal/hr
	12.52 in	2.28 in	2.0 psig	20.0 psig	3.00 lbs	8.50 lbs	60,000 btu/hr	1,70,000 btu/hr
ST-60	300 mm	50 mm	0.14 Kg/cm <sup>2</sup>	1.40 Kg/cm <sup>2</sup>	2.00 Kg	5.70 Kg	22,650 kcal/hr	64,260 kcal/hr
	12.00 in	2.0 in	2.0 psig	20.0 psig	4.5 lbs	11.25 lbs	90,000 btu/hr	2,55,000 btu/hr
ST-80	438 mm	76 mm	0.14 Kg/cm <sup>2</sup>	1.40 Kg/cm <sup>2</sup>	2.70 Kg	7.61 Kg	30,250 kcal/hr	84,670 kcal/hr
	17.24 in	2.99 in	2.0 psig	20.0 psig	6.00 lbs	16.90 lbs	1,20,000 btu/hr	3,36,000 btu/hr
ST-160	540 mm	88 mm	0.14 Kg/cm <sup>2</sup>	1.40 Kg/cm <sup>2</sup>	5.40 Kg	15.21 Kg	60,500 kcal/hr	1,70,000 kcal/hr
	21.62 in	3.46 in	2.0 psig	20.0 psig	12.00 lbs	33.80 lbs	2,40,000 btu/hr	6,73,000 btu/hr



ST Type  
Short Thick Flame

These burners could be manufactured for piped natural gas or LP gas

**CANTEEN BURNER LOW PRESSURE**

Ideal for tea stalls, snack-bars, pavbhaji. Sturdy cast iron body fitted with adjustable screws for supporting utensils of various shapes. Control tap with safety push-in arrangement.

Specifications:

Operation Pressure	30 gms/cm <sup>2</sup>
Consumption	450 gms/hr
Connection	Nozzle to suit 6.4 mm tube

**SHAKTI CANTEEN BURNERS (Low Pressure)**

3 LEG SHAKTI

Product Code 1121



4 LEG SHAKTI

Product Code 1122

**TABLE MODEL CANTEEN BURNER**

Product Code 1123

**MULTIPURPOSE CANTEEN BURNERS MEDIUM PRESSURE**

Specifications:

Operation Pressure	300 gms/cm <sup>2</sup>
Consumption	1000 gms/hr
Connection	Nozzle to suit 6.4 mm tube or 3/8" BSPM

**MINI**

Product Code 1125

**SUPER**

Product Code 1126

**DELUX**

Product Code 1127

**SUNBEAM**

Product Code 1124



These burners could be manufactured for piped natural gas or LP gas



# 07

## COMMERCIAL EQUIPMENT





PRODUCT	Multi Ring High Pressure Gas Bhatti
PRODUCT CODE	SPL GB
SPECIFICATIONS	Made in MS or SS frame with 8 mm MS plate top and C.I ring for bulk cooking
	Size : 2 ft x 2 ft
	Maximum working pressure 1 bar
BRANDS AVAILABLE	PUNEGAS



PRODUCT	Dum Biryani Range Low Pressure
PRODUCT CODE	SPL DBB
SPECIFICATIONS	Made in MS or SS frame and C.I ring for bulk cooking at low pressure for Biryani etc.
	Size : 2 ft x 2 ft or 3 ft x 3 ft in 2 ring, 3 ring or 4 ring
	Maximum working pressure 100 mbar
BRANDS AVAILABLE	PUNEGAS



PRODUCT	Single Stock Pot EX Model
PRODUCT CODE	SPL SSSX
SPECIFICATIONS	Available in various sizes made as per order
	Stock pot cooking platform size 2 ft x 2 ft in mild steel or stainless steel
	made as per order and specifications. With suitable burner, hose and adapter.
	Sizes start from 14" to 24"
	Maximum working pressure 1 bar
BRANDS AVAILABLE	PUNEGAS



PRODUCT	Single Stock Pot Plus Model
PRODUCT CODE	SPL SSSPLUS
SPECIFICATIONS	Available in various sizes made as per order
	Stock pot cooking platform size 2 ft x 2 ft in mild steel or stainless steel
	made as per order and specifications. With suitable burner, hose and adapter.
	Sizes start from 14" to 24"
	Maximum working pressure 1 bar
BRANDS AVAILABLE	PUNEGAS



PRODUCT	Farsan / Mithai Bhatti
PRODUCT CODE	SPL FB
SPECIFICATIONS	For kadaai frying and mithai making in 2 ft x 2 ft, 3ft x 3 ft platform and 17" drum ring support non tilting with automatic burner for LPG / NG
	having auto ignition, temperature control, sequence controller.
	Capacity 35 kw / 60 Kw / 100 kw
	Maximum working pressure 100 m bar
BRANDS AVAILABLE	PUNEGAS





PRODUCT	Roomali Roti Domes
PRODUCT CODE	SPL RRD
SPECIFICATIONS	Model fabricated in SS frame with MS dome and SS skirting for roomali roti puffing as per customer specifications with torch burner, hose and adapter.
	Maximum working pressure 1 bar
BRANDS AVAILABLE	PUNEGAS



PRODUCT	Kabab Tandoor
PRODUCT CODE	SPL KT
SPECIFICATIONS	LPG / NG fired kabab tandoor manufactured as per customer specifications in SS body and MS heat transfer roasters with skewers with multiple ribbon burners, hose and adapter.
	Maximum working pressure 100 mbar
BRANDS AVAILABLE	PUNEGAS



PRODUCT	Shawarma Machine
PRODUCT CODE	SM-1
SPECIFICATIONS	Made as per customer specification in SS body and frame with ceramic or SS mesh burners with hose and regulator.
	Maximum working pressure 100 mbar
BRANDS AVAILABLE	PUNEGAS



PRODUCT	Shawarma Machine
PRODUCT CODE	SM-2
SPECIFICATIONS	Made as per customer specification in SS body and frame with ceramic or SS mesh burners with hose and regulator.
	Maximum working pressure 100 mbar
BRANDS AVAILABLE	PUNEGAS



PRODUCT	Shawarma Machine
PRODUCT CODE	SM-3
SPECIFICATIONS	Made as per customer specification in SS body and frame with ceramic or SS mesh burners with hose and regulator.
	Maximum working pressure 100 mbar
BRANDS AVAILABLE	PUNEGAS

# 08

## DOMESTIC EQUIPMENT







PRODUCT	LPG Iron Press - Brass Bottom
PRODUCT CODE	LPGIB
SPECIFICATIONS	LPG operated iron at unreduced pressure. Combustion within iron box chamber. Consumes 1 kg of gas in 22 hours. Supplied with hose and adapter.
	Maximum working pressure 5 bar
BRANDS AVAILABLE	IRINA



PRODUCT	Portable Cooking Stove
PRODUCT CODE	CTS
SPECIFICATIONS	Stainless steel ring type burner model with pan supports and control valve.
	Operates at unreduced pressure. Suitable for 25.6 mm SC valve. 5 kg cylinder or 14 kg cylinder.
	Maximum working pressure 5 bar
BRANDS AVAILABLE	PORTACOOK



PRODUCT	LPG Hose Suraksha
PRODUCT CODE	PGOH / PGBH
SPECIFICATIONS	Suraksha hose 8 mm in roll form as per standard specifications.
	Working pressure 10 bar (Orange color) - PGOH
	Working pressure 25 bar (Black color) - PGBH
BRANDS AVAILABLE	PUNEGAS / UE SHURAKSHA



PRODUCT	Gas Hose Cutter
PRODUCT CODE	STC
SPECIFICATIONS	Forged steel Suraksha wire braided tube cutter having computerised machine sharpened blades for prolonged usage.
BRANDS AVAILABLE	MEGA



PRODUCT	'O' Ring Leakage Tester
PRODUCT CODE	LDP
SPECIFICATIONS	Aluminium die cast body with acrylic window for leakage inspection suitable for 25.6 mm SC valve cylinders of VOT type. 5 /14 / 19 kg
BRANDS AVAILABLE	VALTEST



PRODUCT	'O' Ring Remover for S.C Cylinder Valve
PRODUCT CODE	COR
SPECIFICATIONS	Screwdriver handle heat treated steel pincher shape O ring remover for SC valve cylinders.
BRANDS AVAILABLE	REMO



PRODUCT	'O' Ring Fitter for S.C Cylinder Valve
PRODUCT CODE	COI
SPECIFICATIONS	Aluminium die cast body easy to use O ring fitter for or SC valve cylinders of 25.6 mm
BRANDS AVAILABLE	RIFIT



PRODUCT	Online Regulator
PRODUCT CODE	1389
SPECIFICATIONS	LP Online Regulator - FECV inlet 8 mm nozzle outlet. Inlet pressure 7 bar, outlet pressure 30 mbar, flow 2kg/hr.
BRANDS AVAILABLE	SAFEGAS



PRODUCT	Online Regulator
PRODUCT CODE	1390
SPECIFICATIONS	Low pressure online regulator with 3/8" BSPF inlet and 3/8" BSPM outlet. Inlet pressure 7 bar, Outlet pressure 30 mbar, flow 2 kgs/hr.
BRANDS AVAILABLE	SAFEGAS



# We Are Ready When You Are

## **Quality Gas Equipment & Services (Rs Engineers)**

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