PRODUCT & SOLUTIONS CATALOGUE

LPG | PNG | GAS BANKS | VAPORIZERS
PRESSURE REGULATION | GAS SAFETY | PIPELINES

aadharshilagas.com

2026 / PRODUCT REFERENCE EDITION

AADHARSHILA GAS

Aadharshila Gas And Solar Energy Solutions Pvt Ltd

ENGINEERED GAS INFRASTRUCTURE

Design, supply, installation, testing and commissioning of industrial and commercial LPG / PNG systems.

Solutions include LPG Liquid Off Take gas banks, gas pipeline networks, vaporizers, pressure regulation, flow measurement, gas leak detection and burner integration.

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The products shown in this reference catalogue are subject to supplier availability, specification verification and project-specific approvals.

TURNKEY GAS
ENGINEERING SOLUTIONS

From design documentation through installation, testing and commissioning.

01 LPG GAS BANK SYSTEMS

VOT and LOT gas banks, manifolds, cylinder connections and changeover systems.

02 VAPORIZATION & REGULATION

Vaporizers, pressure regulators, safety shut-off valves and gas trains.

03 GAS PIPELINE NETWORKS

Technical design, installation, pressure testing and commissioning.

04 GAS SAFETY & CONTROL

Gas leak detection, alarms, flow meters and burner interfacing.

05 MAINTENANCE & SERVICE

Site assessment, inspection, maintenance and technical support.

WHAT WE DO

LPG STORAGE & GAS BANKS

VOT / LOT manifolds | cylinder connections | vaporizers

GAS PIPELINE SOLUTIONS

Pipeline design | installation | pressure regulation

INDUSTRIAL GAS APPLICATIONS

Burner interfaces | gas trains | flow control

SAFETY & MONITORING

Leak detectors | alarms | shut-off devices

SERVICE & MAINTENANCE

Testing | inspection | AMCs | technical assistance

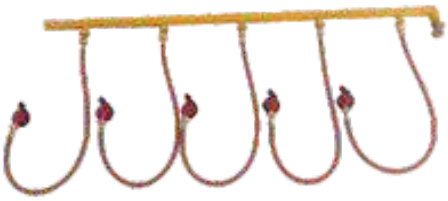
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Technical data and third-party product specifications are subject to manufacturer confirmation and project-specific engineering review.

VOT Manifold Fittings

VOT MANIFOLD FITTINGS



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	BOSKER



PRODUCT	High Pressure Adapters
PRODUCT CODE	1186 / 1187 / 1188
SPECIFICATIONS	These die-cast multi-piont 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 adopters
	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 adopters 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 / SG



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 pigtails is specially used in Railway Pantry Car, Mobile Canteen
	Van etc. Also available with one side ⅜"BSPPF 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	BOSKER , 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 BOSKER SG

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 Bar Outlet Pressure Range : 0.2 - 2 Bar
	Gas Flow Rate : 20 kg/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
	Also available in ½" BSPF and union nut on request
BRANDS AVAILABLE	VANAZ

VOT MANIFOLD FITTINGS



PRODUCT	Union Pin Set With Nut
PRODUCT CODE	1184 / 1185
SPECIFICATIONS	Union Pin Set with nut - available for ½" or 1" pipe size
BRANDS AVAILABLE	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 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 intel / outlet to suit costomers requirement
	made in MS chrome plated or SS body in all sizes.
BRANDS AVAILABLE	ORION



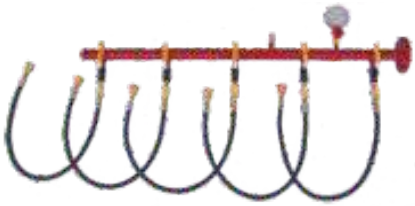
PRODUCT	Flap Type NRV
PRODUCT CODE	1429 / 1431 / 1432 / 1433 / 1434
SPECIFICATIONS	Available in sizes ½", ¾", 1", 1 ½", 2" threaded models.
	Made in Brass Forged body and SS 304 Body
BRANDS AVAILABLE	BOSS / VALSTOP FT



PRODUCT	Dead Nut for LPG Manifold / Manifold Lug
PRODUCT CODE	1183
SPECIFICATIONS	Maniolf LUG / MECV MS Adopter
	and also available
	Brass Forged FECV dead nut
BRANDS AVAILABLE	UE

LOT Manifold Fittings

LOT MANIFOLD FITTINGS



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	BOSKER



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 , BOSKER , UE



PRODUCT	Adaptor for LOT
PRODUCT CODE	1242 / 1242A / 1242U
SPECIFICATIONS	Available in size - inlet female 1 ¼" acme nut, LOT valve outlet female 3/8"
	suitable for 19, 33, 47.5 kg LPG LOT cylinders.
	Made in forged brass body
	Ribbed or knurling body.
BRANDS AVAILABLE	VEL / BOSKER ,



PRODUCT	Adaptor for LOT
PRODUCT CODE	1242SG H / 1242SG R
SPECIFICATIONS	Available in Size - Inlet Female 1¼" Acme Nut, LOT Valve Outlet Female ?"
	Suitable for 19, 33, 47.5 KG LPG LOT Cylinders
	Works with 2 Thread & 3 Thread LOT Cylinder Valve
	1242SG H : Hex Type Chrome Plated Forged Brass Body
	1242SG R : Ribbed Type Forged Brass Body
BRANDS AVAILABLE	SG



PRODUCT	Pop Action Safety Relief Valve
PRODUCT CODE	1243 / 1243B / 1244
SPECIFICATIONS	Available in sizes ¼",⅜", 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	BOSKER UE

LOT MANIFOLD FITTINGS



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



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 ⅜", ½", ¾" and 1" and various lengths.
	Working pressure 160 bar.
BRANDS AVAILABLE	BRILON / DUNLOP / SUPERHOZE / GASGUARD



PRODUCT	LOT Manifold Valve
PRODUCT CODE	1270 / 1271 / 1503
SPECIFICATIONS	Available in sizes ½", ¾ " BSPF
	Made in 2 piece SS / CS WCB forged body in Screwed end
	Working pressure 27 or 17 bar.
BRANDS AVAILABLE	VEL ,BOSKER JE / SG



PRODUCT	Y Strainer # 300
PRODUCT CODE	1249 / 1249A / 1249B / 1249C / 1249D
SPECIFICATIONS	Available in sizes ½", ¾", 1" threaded or 1", 1 ½", 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 ,BOSKER



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	BOSKER	

425 kg Manifold Fittings

425 kg MANIFOLDS FITTINGS



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	BOSKER



PRODUCT	Actuator Valve
PRODUCT CODE	1500
SPECIFICATIONS	Actuator Valve for Bullfinch Cylinder Valve Outlet made as per ISO standards
	having ¾" end connection in Brass Body
BRANDS AVAILABLE	UNITREAD UE



PRODUCT	Quick Release Coupling
PRODUCT CODE	1501
SPECIFICATIONS	Male part of Liquid quick release adaptor in S.S body ¾" BSPF
BRANDS AVAILABLE	UNITREAD UE / VEL



PRODUCT	Quick Release Coupling
PRODUCT CODE	1501A
SPECIFICATIONS	Female part of Liquid quick release adaptor in S.S body ¾" BSPF
	Also available in brass body
BRANDS AVAILABLE	UNITREAD UE / VEL



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 ¾" BSPF x ¾" BSPF
	Made in forged brass body with SS spring, nylon NRV.
BRANDS AVAILABLE	VALSTOP / VEL

425 kg MANIFOLDS FITTINGS



PRODUCT	Flexible Cylinder Pigtails for 450 kg Cylinder
PRODUCT CODE	1504
SPECIFICATIONS	2 mtr long liquid handling hose ¾" & ½" end connection
	Pressure rating - 160 bar
	Please specify length and end fitting size.
BRANDS AVAILABLE	SUPERHOZE / BRILON



PRODUCT	Manifold Isolation Ball Valve
PRODUCT CODE	1503
SPECIFICATIONS	LOT isolation ball valve ¾" & ½" 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 ½" 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 ½" or ¾" 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 ½" or ¾" as required
BRANDS AVAILABLE	UE

Pressure Regulators

Aadharshila Gas

PRESSURE REGULATORS

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 - 17 Bar
	Outlet Pressure Range	(a) 0.5 - 2 Bar
		(b) 0.5 - 4 Bar
		(c) 0.5 - 10 Bar
	Gas Flow Rate	100 $Nm^3/hr.$
	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 - 120 Bar
	Outlet Pressure Range	1 - 10 Bar
	Gas Flow Rate	100 $Nm^3/hr.$
	End Connection	1" BSPF
	Gas	Oxygen, Hydrogen and Nitrogen
	(Brass Body Aluminium Bonnet)	
BRANDS AVAILABLE	VANAZ	



PRODUCT	Adjustable Pressure Regulator	
PRODUCT CODE	R-2301 *III*	
SPECIFICATIONS	Inlet Pressure Maximum	15 - 120 Bar
	Outlet Pressure Range	1 - 10 Bar
	Gas Flow Rate	100 $Nm^3/hr.$
	End Connection	1" BSPF
	Gas	Carbon Dioxide, Argon
	(Brass Body CS Bonnet)	
BRANDS AVAILABLE	VANAZ	



PRODUCT	Adjustable Pressure Regulator	
PRODUCT CODE	R-2323, 2323 *II*	
SPECIFICATIONS	Inlet Pressure Range	1 - 17 Bar
	Outlet Pressure Range	(a) 0.5 - 2 Bar
		(b) 0.5 - 4 Bar
		(c) 0.5 - 10 Bar
	Gas Flow Rate	100 $Nm^3/hr.$
	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	

PRESSURE REGULATORS

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-2325	
SPECIFICATIONS	Inlet Pressure Range	17 Bar
	Outlet Pressure Range	0.5 - 8 Bar
	Gas Flow Rate	100 $Nm^3/hr.$
	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 IV	
SPECIFICATIONS	Inlet Pressure Maximum	17 Bar
	Outlet Pressure Range	0.5 - 10 Bar
	Gas Flow Rate	250 $Nm^3/hr.$
	End Connection	1½" BSPF for 2304
		2" BSPF for 2304 IV
	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	17 Bar
	Outlet Pressure Range	0.5 - 10 Bar
	Gas Flow Rate	250 $Nm^3/hr.$
	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	17 Bar
	Outlet Pressure Range	0.5 - 10 Bar
	Gas Flow Rate	250 $Nm^3/hr.$
	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	

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PRESSURE REGULATORS



PRODUCT	Adjustable Pressure Regulator
PRODUCT CODE	R-6412
SPECIFICATIONS	Inlet Pressure Maximum 17 Bar
	Outlet Pressure Range 0.5 - 10 Bar
	Gas Flow Rate 600 Nm^3/hr.
	End Connection 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 17 Bar
	Outlet Pressure Range 0.5 - 10 Bar
	Gas Flow Rate 750 Nm^3/hr.
	End Connection 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 17 Bar
	Outlet Pressure Range 0.5 - 4 Bar
	Gas Flow Rate 1000 Nm^3/hr. for 3" / 1500 Nm^3/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 Bar
	Outlet Pressure Range 5 - 30 Bar
	Gas Flow Rate 1500 Nm^3/hr.
	End Connection 1½" BSPF for R 2328
	2310 Bonnet
	Gas Carbon Dioxide, Argon and Nitrogen
BRANDS AVAILABLE	VANAZ

Aadharshila Gas

PRESSURE REGULATORS



PRODUCT	Adjustable Pressure Regulator
PRODUCT CODE	R-2342 / 2337 / 2337 *II*
SPECIFICATIONS	Inlet Pressure Maximum 17 Bar
	Outlet Pressure Range 0.5 - 4 Bar
	Gas Flow Rate 150 $Nm^3/hr.$
	End Connection R-2342 1" BSPF ,
	R-2337 1" Flanged ANSI #150 for Vapour
	R-2337 *II* 1" Flanged ANSI #300 for liquid
	Gas LPG
BRANDS AVAILABLE	VANAZ



PRODUCT	Adjustable Pressure Regulator
PRODUCT CODE	R-2343 / 2338/ 2338 *II*
SPECIFICATIONS	Inlet Pressure Maximum 17 Bar
	Outlet Pressure Range 0.5 - 4 Bar
	Gas Flow Rate 350 $Nm^3/hr.$
	End Connection R-2343 1½" BSPF ,
	R-2338 1½" Flanged ANSI # 150 for Vapour
	R-2338 *II* 1½" Flanged ANSI # 300 for liquid
	Gas LPG
BRANDS AVAILABLE	VANAZ



PRODUCT	Adjustable Pressure Regulator
PRODUCT CODE	R-2344 / 2339/ 2339 *II*
SPECIFICATIONS	Inlet Pressure Maximum 17 Bar
	Outlet Pressure Range 0.5 - 4 Bar
	Gas Flow Rate 400 $Nm^3/hr.$
	End Connection R-2344 2" BSPF ,
	R-2339 2" Flanged ANSI # 150 for Vapour
	R-2339 *II* 2" Flanged ANSI # 300 for liquid
	Gas LPG
BRANDS AVAILABLE	VANAZ



PRODUCT	Adjustable Pressure Regulator
PRODUCT CODE	R-2340 / 2340 *II*
SPECIFICATIONS	Inlet Pressure 17 Bar
	Outlet Pressure Range 0.5 - 4 Bar
	Gas Flow Rate 1000 $Nm^3/hr.$
	End Connection R-2340 3" Flanged in ANSI # 150 for Vapour
	R-2340 *II* 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 *II*
SPECIFICATIONS	Inlet Pressure 19 Bar
	Outlet Pressure Range 0.5 - 10 Bar
	Gas Flow Rate 1000 $Nm^3/hr.$
	End Connection R-2341 4" Flanged in ANSI #150 for Vapour
	R-2341 *II* 4" Flanged in ANSI # 300 for Liquid
	2318 Bonnet
	Gas LPG
BRANDS AVAILABLE	VANAZ

Aadharshila Gas

PRESSURE REGULATORS

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 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 Bar
	Outlet Pressure Range	0.5 - 8 Bar
	Gas Flow Rate	25 Nm^3/hr.
	SRV set at	12 Bar
	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	200 Bar
	Outlet Pressure Range	5 - 30 Bar
	Gas Flow Rate	300 Nm^3/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	200 Bar
	Outlet Pressure Range	5 - 30 Bar
	Gas Flow Rate	150 Nm^3/hr.
	End Connection	1" BSPF
	Gas	Oxygen, Nitrogen, Argon and Carbon dioxide
BRANDS AVAILABLE	VANAZ	



PRODUCT	Industrial Gas Regulator	
PRODUCT CODE	R-2328 *II*	
SPECIFICATIONS	Inlet Pressure Maximum	10 - 49 Bar
	Outlet Pressure Range	5 - 25 Bar
	Gas Flow Rate	2000 Nm^3/hr.
	End Connection	2" ANSI # 300 flanged end
	Gas	Oxygen, Nitrogen, Hydrogen, CNG, Argon and Carbon dioxide
BRANDS AVAILABLE	VANAZ	

Aadharshila Gas

PRESSURE REGULATORS

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 of flow rates.



PRODUCT	Pilot Operated Regulator	
PRODUCT CODE	R-6608/ 6608 *II* / 6617 / 6617 *II*	
SPECIFICATIONS	Inlet Pressure Range	5 - 26 Bar
	Outlet Pressure Range	4 - 19 Bar (4000 - 19000 mbar)
	Gas Flow Rate	6000 Nm^3/hr.
	End Connection	R-6608 3" ANSI # 150 flanged for Vapour
		R-6608 *II* 3" ANSI # 300 flanged for Liquid
		R-6617 4" ANSI # 150 flanged for Vapour
		R-6617 *II* 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 *II* / 6614 / 6614 *II*	
SPECIFICATIONS	Inlet Pressure Range	1 - 19 Bar
	Outlet Pressure Range	0.5 - 5 Bar (500 - 5000 mbar)
	Gas Flow Rate	2500 Nm^3/hr.
	End Connection	R-6609 3" ANSI # 150 flanged for Vapour
		R-6609 *II* 3" ANSI # 300 flanged for Liquid
		R-6614 4" ANSI # 150 flanged for Vapour
		R-6614 *II* 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 *II* / 6611 / 6611 *II*	
SPECIFICATIONS	Inlet Pressure Range	1 - 19 Bar
	Outlet Pressure Range	0.5 - 5 Bar (500 - 5000 mbar)
	Gas Flow Rate	500 Nm^3/hr.
	End Connection	R-6610 2" ANSI # 150 flanged for Vapour
		R-6610 *II* 2" ANSI # 300 flanged for Liquid
		R-6611 1½" ANSI # 150 flanged for Vapour
		R-6611 *II* 1½" ANSI # 300 flanged for Liquid
	Gas	LPG, Natural Gas, Nitrogen and Carbon Dioxide
BRANDS AVAILABLE	VANAZ	

Aadharshila Gas

PRESSURE REGULATORS

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.

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 Bar
	Outlet Pressure Range (A) 0.03 Bar (B) 0.3 Bar (C) 0.7 Bar (D) 1 Bar (E) 1000 mmwc
	Max Flow Rate : (A) 5 Nm^3/Hr, (B) 28 Nm^3/Hr, (C) 28 Nm^3/Hr, (D) 28 Nm^3/Hr, (E) 8 Nm^3/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-4109 V
SPECIFICATIONS	Inlet Pressure Range 1-17 Bar
	Outlet Pressure Range 2 Bar
	Max Flow Rate 30 Nm^3/hr
	End Connection Inlet: 21.8 X 14 TPI (L.H) Female Union Nut, Outlet: ½" BSPF
	Gas LPG, Natural Gas, Nitrogen, Hydrogen, Carbon Dioxide
BRANDS AVAILABLE	VANAZ



PRODUCT	Preset Pressure Reducer
PRODUCT CODE	R-4110
SPECIFICATIONS	Inlet Pressure Range 1 - 17 Bar
	Outlet Pressure Range 0.03 - 0.3 Bar
	Max Flow Rate 30 $Nm^3/hr.$
	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 Bar
	Outlet Pressure Range 0.03 - 0.3 Bar
	Max Flow Rate 30 $Nm^3/hr.$
	End Connection Inlet 1" BSPF / Outlet: 1" BSPF
	Gas LPG, Natural Gas, Nitrogen, Hydrogen, Carbon Dioxide
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 Bar Outlet Pressure Range : 0.2 - 2 Bar
	Gas Flow Rate : 20 kg/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
	Also available in ½" BSPF and union nut on request
BRANDS AVAILABLE	VANAZ

PRESSURE REGULATORS

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 Bar
	Outlet Pressure Range	0.15 - 0.6 Bar (150 - 600 mbar)
	Gas Flow Rate	80 Nm^3/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 Bar
	Outlet Pressure Range	0.15 - 0.3 Bar (150 - 300 mbar)
	Gas Flow Rate	130 Nm^3/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 Bar
	Outlet Pressure Range	0.15 - 0.6 Bar (150 - 600 mbar)
	Gas Flow Rate	80 Nm^3/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 Bar
	Outlet Pressure Range	0.15 - 0.3 Bar (150 - 300 mbar)
	Gas Flow Rate	130 Nm^3/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	

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PRESSURE REGULATORS



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



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



PRODUCT	Preset Pressure Reducer	
PRODUCT CODE	R-6413 / R-6415	
SPECIFICATIONS	Inlet Pressure Range	1 - 5 Bar
	Outlet Pressure Range	0.15 - 0.6 Bar (150 - 600 mbar)
	Gas Flow Rate	650 $Nm^3/hr.$
	End Connection	R-6413 : 3" ANSI # 150 Flanged
		R-6415 : 4" ANSI # 150 Flanged
	Gas	LPG, Natural Gas and Nitrogen and Air
BRANDS AVAILABLE	VANAZ	



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

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PRESSURE REGULATORS



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



PRODUCT	Preset Pressure Reducer	
PRODUCT CODE	R-6506	
SPECIFICATIONS	Inlet Pressure Range	0.5 - 5 Bar
	Outlet Pressure Range	0.03 - 0.15 Bar (30 - 150 mbar)
	Gas Flow Rate	2500 $Nm^3/hr.$
	End Connection	6" ANSI # 150 Flanged
	Gas	LPG, Natural Gas and Nitrogen and Air
BRANDS AVAILABLE	VANAZ	



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



PRODUCT	Preset Pressure Reducer	
PRODUCT CODE	R-6111 I / R-6121	
SPECIFICATIONS	Inlet Pressure Range	1.5 Bar
	Outlet Pressure Range	0.03 - 0.3 Bar (30 - 300 mbar)
	Gas Flow Rate	60 $Nm^3/hr.$
	End Connection	R-6111 I : 1½" BSPF
		R-6121 : 2" BSPF
	Gas	LPG, Natural Gas and Nitrogen and Air
BRANDS AVAILABLE	VANAZ	

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PRESSURE REGULATORS



PRODUCT	Preset Pressure Reducer	
PRODUCT CODE	R-6116 / R-6117	
SPECIFICATIONS	Inlet Pressure Range	1.5 Bar
	Outlet Pressure Range	0.03 - 0.3 Bar (30 - 300 mbar)
	Gas Flow Rate	60 $Nm^3/hr.$
	End Connection	R-6116 : 1½" ANSI # 150 Flanged
		R-6117 : 2" ANSI # 150 Flanged
	Gas	LPG, Natural Gas and Nitrogen and Air
BRANDS AVAILABLE	VANAZ	



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



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



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

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PRESSURE REGULATORS

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 Bar to 30-100 mbar 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 BAR
	Outlet Pressure Range 100-300 mbar with OPSO UPSO CRV
	Gas Flow Rate 6/10/25/50 Nm^3/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 Bar
	Outlet Pressure Range 30-200 mbar with OPSO UPSO CRV
	Gas Flow Rate 65 Nm^3/hr. End Connection1" 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- 5Bar
	Outlet Pressure Range 0.1-1 Bar
	Gas Flow Rate 100 Nm^3/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 Bar
	Outlet Pressure Range 0.03 -1 Bar with OPSO
	Gas Flow Rate 30 Nm^3/hr.
	End Connection 1" BSPF
	Gas Natural Gas, LPG
	OPSO set at 40% higher than operating pressure
BRANDS AVAILABLE	VANAZ

PRESSURE REGULATORS

These regulators are mainly used for ammonia gas. The trim parts for these regulators are of stainless steel.
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 purposes.
R-4108 / R-4110 I are preset type regulators and are mainly used as second stage pressure regulation.



PRODUCT	Ammonia Pressure Regulator	
PRODUCT CODE	R-2301 *I*	
SPECIFICATIONS	Inlet Pressure Range	1 - 20 Bar
	Outlet Pressure	0.5 - 10 Bar
	Gas Flow Rate	100 Nm^3/hr.
	End Connection	1" BSPF
	Gas	Ammonia
BRANDS AVAILABLE	VANAZ	



PRODUCT	Ammonia Pressure Reducer	
PRODUCT CODE	R-4110 *I*	
SPECIFICATIONS	Inlet Pressure Range	1 - 17 Bar
	Outlet Pressure Range	0.03 - 0.3 Bar
	Max Flow Rate	30 Nm^3/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 Bar
	Outlet Pressure	0.5 - 0.4 Bar
	Gas Flow Rate	25 Nm^3/hr.
	End Connection	½" BSPF (Union Nut)
	Gas	Ammonia
BRANDS AVAILABLE	VANAZ	



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

Gas Filters

GAS FILTERS

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 *III*	
SPECIFICATIONS	Working Pressure	6 Bar
	Gas Flow Capacity	100 Nm^3/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 *I* / 0105 *II*	
SPECIFICATIONS	Working Pressure	20 Bar
	Gas Flow Capacity	200 / 350 / 500 Nm^3/hr.
	End Connection	F-0105 1" BSPF
		F-0105 *I* 1½" BSPF
		F-0105 *II* 2" BSPF
	Gas	LPG, Natural Gas, Nitrogen and Air
BRANDS AVAILABLE	VANAZ	



PRODUCT	Filter WCB CS Body	
PRODUCT CODE	F-0109 / 0109 *II*	
SPECIFICATIONS	Working Pressure	20 Bar
	Gas Flow Capacity	200 Nm^3/hr.
	End Connection	F-0109 1" ANSI 150 for Vapour
		F-0109 *II* 1" ANSI # 300 for Liquid
	Gas	LPG, Natural Gas, Nitrogen and Air
BRANDS AVAILABLE	VANAZ	



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



PRODUCT	Filter WCB CS body	
PRODUCT CODE	F-0111 / 0111 *II* / 0106 / 0106 *II*	
SPECIFICATIONS	Working Pressure	20 Bar
	Gas Flow Capacity	3000 / 3000 / 5000 / 5000 Nm^3/hr.
	End Connection	F-0111 3" ANSI # 150 for Vapour
		F-0111 *II* 3" ANSI # 300 for liquid
		F-0106 4" ANSI # 150 for Vapour
		F-0106 *II* 4" ANSI # 300 for liquid
	Gas	LPG, Natural Gas, Nitrogen and Air
BRANDS AVAILABLE	VANAZ	

GAS FILTERS



PRODUCT	Filter Aluminium Die Cast Body	
PRODUCT CODE	VEL- 0112 A / 0112 B / 0112 C	
SPECIFICATIONS	Working Pressure	6 Bar
	Gas Flow Capacity	100 $Nm^3/hr.$
	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	



PRODUCT	Filter WCB CS Body	
PRODUCT CODE	VEL- 0105 / 0105 I	
SPECIFICATIONS	Working Pressure	20 Bar
	Gas Flow Capacity	200 / 350 / 500 $Nm^3/hr.$
	End Connection	VEL-0105 : 1" BSPF
		VEL-0105 I : 1½" BSPF
	Gas	LPG, Natural Gas and Nitrogen and Air
BRANDS AVAILABLE	VEL	



PRODUCT	Filter MS Fabricated Body	
PRODUCT CODE	VEL- 0109 / 0109 II	
SPECIFICATIONS	Working Pressure	20 Bar
	Gas Flow Capacity	200 $Nm^3/hr.$
	End Connection	VEL-0109 : 1" ANSI 150 for Vapour
		VEL-0109 II : 1" ANSI 300 for Liquid
	Gas	LPG, Natural Gas and Nitrogen and Air
BRANDS AVAILABLE	VEL	



PRODUCT	Filter MS Fabricated Body	
PRODUCT CODE	VEL- 0107 / 0107 II / 0108 / 0108 II	
SPECIFICATIONS	Working Pressure	20 Bar
	Gas Flow Capacity	350 / 350 / 500 / 500 $Nm^3/hr.$
	End Connection	VEL-0107 : 1½" ANSI #150 for Vapour
		VEL-0107 II : 1½" ANSI #300 for Liquid
		VEL-0108 : 2" ANSI #150 for Vapour
		VEL-0108 II : 2" ANSI #300 for Liquid
	Gas	LPG, Natural Gas and Nitrogen and Air
BRANDS AVAILABLE	VEL	



PRODUCT	Filter MS Fabricated Body	
PRODUCT CODE	VEL- 0111 / 0111 II / 0106 / 0106 II	
SPECIFICATIONS	Working Pressure	20 Bar
	Gas Flow Capacity	3000 / 3000 / 5000 / 5000 $Nm^3/hr.$
	End Connection	VEL-0111 : 3" ANSI #150 for Vapour
		VEL-0111 II : 3" ANSI #300 for Liquid
		VEL-0106 : 4" ANSI #150 for Vapour
		VEL-0106 II : 4" ANSI #300 for Liquid
	Gas	LPG, Natural Gas and Nitrogen and Air
BRANDS AVAILABLE	VEL	

Safety Valves

SAFETY VALVES

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. Also Known as OPSO



PRODUCT	Slam Shut Off Valve	
PRODUCT CODE	V-4321 *I*	
SPECIFICATIONS	Inlet Pressure Range	0.5 - 19 Bar
	Shut Off Pressure Setting	(a) 0.5 Bar (b) 3 Bar (c) 6 Bar
	Gas Flow Rate	150 Nm^3/hr
	End Connection	1" BSPF
	Gas	LPG, Natural Gas, Nitrogen, Air
	Supplied with sensing hose	
BRANDS AVAILABLE	VANAZ	



PRODUCT	Slam Shut Off Valve	
PRODUCT CODE	V-4325 *I* / 4325 *II*	
SPECIFICATIONS	Inlet Pressure Range	0.5 - 19 Bar
	Shut Off Pressure Setting	(a) 0.5 Bar (b) 3 Bar (c) 6 Bar
	Gas Flow Rate	150 Nm^3/hr
	End Connection	V-4325 *I* 1" ANSI # 150 for vapour
		V-4325 *II* 1" ANSI # 300 for liquid
	Gas	LPG, Natural Gas, Nitrogen, Air
	Supplied with sensing hose	
BRANDS AVAILABLE	VANAZ	



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



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

SAFETY VALVES



PRODUCT	Slam Shut Off Valve	
PRODUCT CODE	V-4329 *I* / 4330 *I*	
SPECIFICATIONS	Inlet Pressure Range	0.5 - 19 Bar
	Shut Off Pressure Setting	(a) 0.5 Bar (b) 3 Bar (c) 6 Bar
	Gas Flow Rate	750 Nm^3/hr
	End Connection	V-4329 *I* 3" ANSI # 150
		V-4330 *I* 4" ANSI # 150
	Gas	LPG, Natural Gas, Nitrogen, Air
	Supplied with sensing hose	
BRANDS AVAILABLE	VANAZ	



PRODUCT	Slam Shut Off Valve	
PRODUCT CODE	V-4335 *I* / 4335 *II* / 4336 *I* / 4336 *II*	
SPECIFICATIONS	Inlet Pressure Range	0.5 - 26 Bar
	Shut Off Pressure Setting	1 - 12 Bar
	Gas Flow Rate	2500 Nm^3/hr
	End Connection	V-4335 *I* 3" ANSI # 150 for vapour
		V-4335 *II* 3" ANSI # 300 for liquid
		V-4336 *I* 4" ANSI # 150 for vapour
		V-4336 *II* 4" ANSI # 300 for liquid
	Gas	LPG, Natural Gas, Nitrogen, 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 Bar
	Gas Flow Rate	6000 Nm^3/hr
	End Connection	3" or 4" flanged end ANSI # 150
	Medium	LPG, Natural Gas, Nitrogen, Air
	Supplied with sensing hose	
BRANDS AVAILABLE	VANAZ	



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

SAFETY VALVES

A Safety Relief Valves 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 upto 200 bar.
V-7732, V-7743, V-7744 and V-7745 have soft seat and are available at prescribed set pressures.
R-4105 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-7743	
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	

SAFETY VALVES



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	R - 4105	
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	

SAFETY VALVES

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 occurence 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-buit NRV	
PRODUCT CODE	R-9102 / 9104	
SPECIFICATIONS	Maximum Working Pressure 20 BAR	
	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-buit NRV	
PRODUCT CODE	R-9109 / 9109 *I*	
SPECIFICATIONS	Maximum Working Pressure 20 BAR	
	End Connection	R 9109, 1½" BSPF
		R 9109 *I*, 2" BSPF
	Medium	LPG, Natural Gas
BRANDS AVAILABLE	VANAZ	



PRODUCT	Flame Arrester with in-buit NRV	
PRODUCT CODE	R-9110 / 9111	
SPECIFICATIONS	Maximum Working Pressure 20 BAR	
	End Connection	R 9110 ½", ¾"-1" BSPF
		R 9111 1½", 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 R-2202 model for 50 kg/hr
	Inlet pressure 1 to 17 Bar
	Outlet set pressure 1.2 Bar
	End Connection ½" BSPF
	Suitable for Vapour LPG
BRANDS AVAILABLE	VANAZ

SAFETY VALVES

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 occurence 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	Flashback arrester with non return valves
PRODUCT CODE	1420
SPECIFICATIONS	Material : Brass Forging
	Materials compatible to fluids. Environment friendly
	Connections : Standard in ?" 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 ½", ¾", 1", 1½", 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 ½", ¾", 1", 1½", 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

SAFETY ITEMS



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 ⅜" 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 ⅜" 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 ¼" 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 ?" 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 ¼ " 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	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 ½", 2" as per ANSI # 150 or 300.
	Working pressure 17 bar.
BRANDS AVAILABLE	BOSKER , L

SAFETY ITEMS



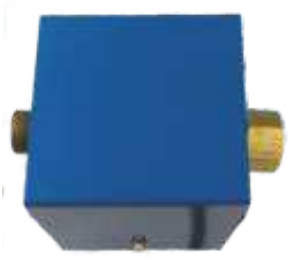
PRODUCT	Temperature Indicator Controller Ignition Panel for Burner Control
PRODUCT CODE	1319
SPECIFICATIONS	TICIFS is used for Automatic Burner controlling the temperature and
	Flame failure for Burners which work as per PLC
	Temperature Indicator Controller Ignition flame sensing panel for burner
	with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



PRODUCT	Automatic Electronic Changeover Panel
PRODUCT CODE	AECP
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	GAZWARN



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



PRODUCT	Electric Co_2 Heater 230 V
PRODUCT CODE	COH
SPECIFICATIONS	For carbon dioxide individual cylinder manifolds
	Size ½" male x female for CO_2 cylinder
BRANDS AVAILABLE	MISATU

Flow Control Valves

FLOW CONTROL 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
	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
BRANDS AVAILABLE	UFLOW

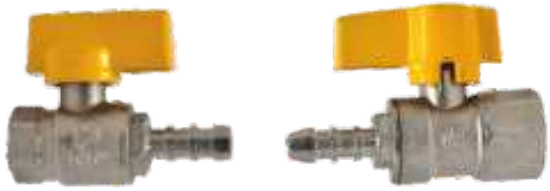


Size 3/4" Size 1" Size 2"

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" , ?" or ½" BSPF
	Outlet size 8 mm nozzle Made as per EN 331 standard
BRANDS AVAILABLE	SG



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" , ?" , ½" , ¾" or 1" BSPF
	Outlet size ¼" , ?" , ½" , ¾" or 1" BSPF
	Made as per EN 331 standard
BRANDS AVAILABLE	ASTRON / SG

FLOW CONTROL VALVES



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 ⅜" MT x ⅜" CU
	½" MT x ⅜" CU
	½" MECV x ½" MECV
	½" MT x ½" MT
	Working Pressure 15 bar
BRANDS AVAILABLE	VEL ,BOSKER 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 ⅜" BSPF x ⅜" BSPF
	Working Pressure 15 bar
BRANDS AVAILABLE	VEL ,BOSKER 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 ¼" BSPF x ¼" BSPF
	?" BSPF x ?" BSPF
	½" BSPF x ½" 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 ¾" 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 1¼"ACME with safety
	liquid withdrawal type facility coupled with built in excess flow device and
	safety relief valve.
	Test Persure 17 bar as per BS EN: 13153 / IS: 8737
	Maximum liquid withdrawal rate 5 kg/hr
BRANDS AVAILABLE	KOSAN

FLOW CONTROL VALVES



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 /BOSKER



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 /BOSKER





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 /BOSKER



FLOW CONTROL VALVES



PRODUCT	1 Piece Design Ball Valve Gas Safe
PRODUCT CODE	1322 UE to 1325 UE
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 9894 : 1981
	Size available 1" / 1½" / 2" / 3"
BRANDS AVAILABLE	UE



PRODUCT	2 Piece Design Screwed Ball Valve Full Bore
PRODUCT CODE	1270 UE to 1274 UE
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	UE



PRODUCT	1 Piece Design Ball Valve Gas Safe
PRODUCT CODE	1322A SG to 1324A SG
SPECIFICATIONS	1 Piece Design Ball Valve in flanged end in WCB CS body in # 150
	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
	Face to face as per IS 9894 : 1981
	Size available 1" / 1½" / 2"
BRANDS AVAILABLE	SG



PRODUCT	2 Piece Design Screwed Ball Valve Full Bore
PRODUCT CODE	1270A SG to 1272A SG
SPECIFICATIONS	2 Piece Design Ball Valve in screwed WCB CS 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"
BRANDS AVAILABLE	SG

Pressure Gauges & Gas Trains

PRESSURE GAUGES



PRODUCT	Pressure Gauges
PRODUCT CODE	1401 to 1404
SPECIFICATIONS	Available in various pressure rating to suit customers requirements,
	made in SS body with ⅜" bottom inlet
	Plese specify pressure rating and with or without glycerine.
BRANDS AVAILABLE	ITEC



PRODUCT	Pressure Gauges
PRODUCT CODE	1401 to 1404
SPECIFICATIONS	Available in various pressure rating to suit customers requirements,
	made in SS body with ⅜" bottom inlet
	Plese specify pressure rating and with or without glycerine.
BRANDS AVAILABLE	BOSKER



PRODUCT	Pressure Gauges
PRODUCT CODE	1401 to 1404
SPECIFICATIONS	Available in various pressure rating to suit customers requirements,
	made in SS body with ⅜" bottom inlet
	Plese specify pressure rating and with or without glycerine.
BRANDS AVAILABLE	UE



PRODUCT	Siphon for Pressure Gauges
PRODUCT CODE	1401 A
SPECIFICATIONS	SS seamless tube siphon for pressure gauges in
	⅜" male x ⅜" female end connections
BRANDS AVAILABLE	ITEC



PRODUCT	Pushcock Button Holder For Pressure Gauge
PRODUCT CODE	1406
SPECIFICATIONS	Pressure gauges are avaialble with or without siphon, isolation needle valves
	or push type valves.
	Size ⅜" BSPF
BRANDS AVAILABLE	BOSKER

PRESSURE REDUCING GAS TRAINS



INTRODUCTION:
Pressure-reducing gas Trains are ideal for industrial and commercial applications, supplying gas to furnaces, burners, and other applications.
A balancing system enables the regulator to control gas pressure accurately for maximum combustion efficiency despite varying inlet pressure.

CONTROL APPLICATION:
For an election, it is necessary to identify the function of the regulator. The answer to this question defines which of the following regulators is required: Pressure-Reducing Regulator, Back Pressure Regulator, Pressure Relief Valve, Vacuum Regulator

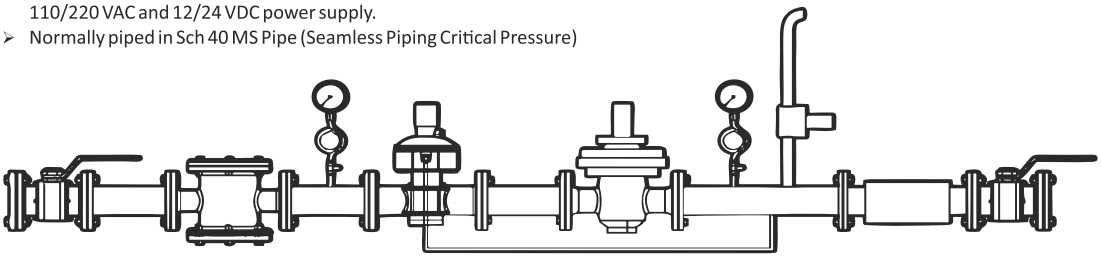
CAPACITY DETERMINATION:
The required flow capacity influences and determines the following: Size of the regulator, Drifice size, style of regulator (direct-operated or piston operated)

PRESSURE REGULATOR SELECTION:
Based on the application, the pressure-reducing regulator is designed. Every application calls for a pressure-reducing regulator based on the parameters mentioned as outlet pressure to be maintained. Inlet pressure, capacity required, shut-off capability required, Process media, Process media temperature, Required pressure pipe size end connection, material for construction

OUTLET PRESSURE TO BE MAINTAINED:
The first parameter is to define the required outlet pressure. When the outlet pressure is known, we can ascertain the requirement for the under-mentioned Spring Required Casing pressure rating, body outlet rating, orifice rating and size, regulator size.

GAS TRAIN FOR PRESSURE REDUCING SYSTEM

- Gas trains form an essential part of any industry using flammable gases like LPG. Propane, natural gas, etc. for its combustion equipment.
- These gases are fast replacing conventional oil-fired equipment in India and other upcoming Asian countries due to their eco-friendly and efficient burning characteristics. However, the use of these gases, unless exercised with due care for safety, could lead to accidents causing severe damage to plants and personnel.
- Gas trains are pre-piped trains, combining various safety and monitoring instruments like shut- off valves, pressure regulators, relief valves, pressure switches, vent valves, pressure gauges etc.
- Through simple-looking equipment, an incorrectly designed gas train often creates performance-related problems due to improper sizing and selection of components. Such incorrectly sized gas trains often lead to inefficient combustion processes, which are nuisances. shutdowns, and most important, unsafe operation.
- We manufacture customized pre-piped gas trains at our Pune (India) factory to suit the customer's requirements after carefully studying there requirements of the combustion process at the customer's plant. These trains are manufactured as per the guidelines in the stringent standards of safety laid down by Indian, European, and North American countries.
- The selection of each and every component and design of the train is done by our designing department. Due care is taken while manufacturing to ensure the total safety of the equipment. Necessary allowances for pressure losses are computed in order to achieve the desired flow of the fuel gas at adequate pressure at the outlet of the train.
- Available in 1/2 to 4 line sizes to handle high volumes of fuel gases
- Designed in line with NFPA 86 guidelines for single or multi-burner installation
- Pre-piped and mounted on a fabricated skid. Easy installation.
- The user's job is limited to connecting the burners to the end connections of the gas train.
- Gas train components like solenoid valves, filters, regulators, and pressure switches available in screwed or flanged end connections.
- All the safety components confirm the most stringent global directives for gas and electrical equipment Components available in 110/220 VAC and 12/24 VDC power supply.
- Normally piped in Sch 40 MS Pipe (Seamless Piping Critical Pressure)



Application

Gas Train are suitable to use in

- Heating Application
- Steam Boilers
- Powder Coating
- Industrial Furnaces
- Surface Coating
- Paint Baking

PRESSURE REDUCING GAS TRAINS

These Gas Trains are installed at various stages of the Gas Pipeline

a) 1st Stage Pressure Reducing Gas Train System.
b) 2nd Stage Pressure Reducing Gas Train System.
c) 3rd Stage Pressure Reducing Gas Train System.

1st Stage Pressure Reducing Gas Train System

SR No.	SKU (Part Code)	Inlet Pressure Range	Outlet Pressure Range	Flow Rate	Gas	Size
1	HGT15L	1 - 17 bar	0.5 - 2 bar	5 - 30 Kg/Hr	LPG	15 mm
2	HGT15N			5 - 15 NM^3/Hr	NG	15 mm
3	HGT25L	1 - 17 bar	0.5 - 4 bar	15 - 100 Kg/Hr	LPG	25 mm
4	HGT25N			15 - 50 NM^3/Hr	NG	25 mm
5	HGT40L	1 - 17 bar	0.5 - 4 bar	100 - 250 Kg/Hr	LPG	40 mm
6	HGT40N			50 - 120 NM^3/Hr	NG	40 mm
7	HGT50L	1 - 17 bar	0.5 - 4 bar	250 - 450 Kg/Hr	LPG	50 mm
8	HGT50N			120 - 180 NM^3/Hr	NG	50 mm
9	HGT80L	1 - 17 bar	0.5 - 4 bar	450 - 1000 Kg/Hr	LPG	80 mm
10	HGT80N			180 - 600 NM^3/Hr	NG	80 mm
11	HGT100L	1 - 17 bar	0.5 - 4 bar	1000 -2000 Kg/hr	LPG	100 mm
12	HGT100N			600 - 1200 NM^3/Hr	NG	100 mm

*** The above Gas Trains can be pre-piped in Dual Stream (One Working & One Standby) also

Single Stage Single Stream Pressure Reducing Gas Train



Single Stage Dual Stream Gas Train



PRESSURE REDUCING GAS TRAINS

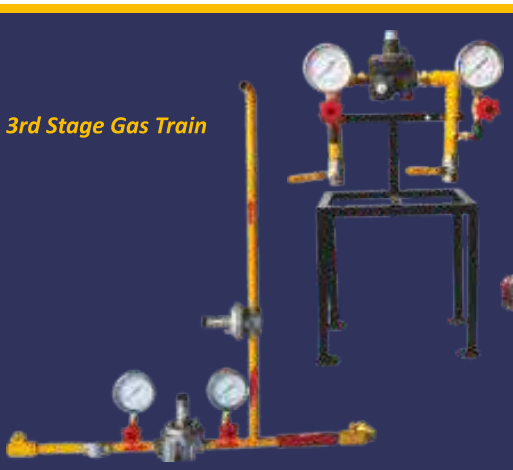
2nd Stage & 3rd Stage Pressure Reducing Gas Train System

SR No.	SKU (Part Code)	Inlet Pressure Range	Outlet Pressure Range	Flow Rate	Gas	Size
1	GT15L	1 - 10 bar	30 - 500 mbar	5 - 15 Kg/Hr	LPG	15 mm
2	GT15N			5 - 10 NM^3/Hr	NG	15 mm
3	GT25L	1 - 10 bar	30 - 300 mbar	15 - 35 Kg/Hr	LPG	25 mm
4	GT25N			10 - 25 NM^3/Hr	NG	25 mm
5	GT40L	1 - 4 bar	50 - 300 mbar	35 - 120 Kg/Hr	LPG	40 mm
6	GT40N			25 - 80 NM^3/Hr	NG	40 mm
7	GT50L	1 - 4 bar	50 - 300 mbar	120 - 160 Kg/Hr	LPG	50 mm
8	GT50N			80 - 120 NM^3/Hr	NG	50 mm
9	GT80L	1 - 4 bar	50 - 300 mbar	160 - 600 Kg/Hr	LPG	80 mm
10	GT80N			120 - 400 NM^3/Hr	NG	80 mm
11	GT100L	1 - 4 bar	50 - 300 mbar	600 - 1000 Kg/Hr	LPG	100 mm
12	GT100N			400 - 750 NM^3/Hr	NG	100 mm

Low pressure reducing system with safety Solenoid valves along with gas meter & Bypass systems for automatic burners



3rd Stage Gas Train



Low Pressure Gas Train



Skid Mounted Single Stage Single Stream (SSSS)

Leakage Detection Devices

LEAKAGE DETECTION DEVICES

Gas Leak Detection System for Commercial and Industrial Gas Installations

In a world driven by the constant need for efficiency and safety, the importance of gas leak detection systems cannot be overstated. These systems are pivotal in ensuring the safety and reliability of gas installations in a variety of settings, ranging from industrial complexes to residential kitchens.

Why Choose Gas Leak Detection System?

Gas Leak Detection System is engineered with precision and built to detect even the most minor gas leaks, ensuring timely intervention to prevent potentially catastrophic incidents. Here's why system stands out:

1. **Reliability:** Trust in a system that consistently delivers accurate results, providing real-time alerts and alarms when gas leaks are detected.
2. **Safety:** Your safety is our priority. Our system is designed to safeguard lives and property by swiftly identifying gas leaks and mitigating risks.
3. **Ease of Use:** Our user-friendly design ensures that anyone can operate our Gas Leak Detection System with minimal training. This makes it an ideal choice for both industrial and commercial installations.
4. **Versatility:** Our system finds application across a wide range of settings, from industrial facilities to residential kitchens. Whether you manage a multi-storied apartment complex, a bustling restaurant, or a sprawling production plant, our system has you covered.

Applications of Gas Leak Detection System

1. **Bulk Storage Yards:** Safeguard large-scale gas storage facilities by continuously monitoring for leaks, ensuring the safety of personnel and preventing costly accidents.
2. **Gas Manifolds:** In industrial plants, our system acts as an early warning system for gas leaks around manifolds, enabling quick response and minimizing disruptions in production.
3. **Production Areas in Industrial Plants:** Maintain a safe working environment for your employees by constantly monitoring gas levels in production areas, reducing the risk of accidents.
4. **Piped Gas Facilities in Multi-Storied Apartments:** Enhance the safety of residents in multi-storied buildings with piped gas facilities by providing round-the-clock monitoring of gas lines.
5. **Cooking Areas:** Kitchens are potential sources of gas leaks in homes, hotels, canteens, and food courts. Our system ensures the safety of cooking areas by promptly detecting and alerting users to gas leaks.



GV 09 PLUS

Detection Gas	LPG/PNG/H2/C2CH2/NH3
Range	0-100% LEL/0-350PPM
Transmission Distance	850m
Alarm Point	10%VOL
Output Signal	Digital RS485 Communication
Detection Way	Diffusion
Response Time	≤60s
Cable Specification	Four wire system RVVP4*1.0mm²
Working Temp	-10°C~60°C
Sensor Type	Pellistor / Electrochemical
Power Supply	DC24V
Production Grade	Exd IIC T6 Gb
Protection Grade	IP67



GV 108

Detection Gas	ALL GASES
Range	0-100% VOL
Transmission Distance	850m
Alarm Point	Low Alarm:10%LEL,
	High Alarm:30%LEL
Output Signal	Digital RS485 Communication
Detection Way	Diffusion
Response Time	≤60s
Cable Specification	Four wire system RVVP 4*1.0mm²
Working Temp	-10°C~60°C
Sensor Type	Pellistor/Electrochemical
Production Grade	Exd IIC T6 Gb
Protection Grade	IP67



GV 09

Detection Gas	LPG/PNG/H2/C2CH2
Range	0-100% LEL
Transmission Distance	80m
Alarm Point	10%LEL
Output Signal	Analog Switching Signal
Detection Way	Diffusion
Response Time	≤60s
Cable Specification	Four wire system RVVP4*1.0mm²
Working Temp	-10°C~60°C
Sensor Type	Pellistor
Production Grade	Exd IIC T6 Gb
Protection Grade	IP67

LEAKAGE DETECTION DEVICES

PANEL GV 108



- 60 Addressable Detectors
- Colour LCD Display
- Single 4 Core Sensor network
- BMS Output - Modbus
- Intelligent Fault Indicator
- Mute Switch
- Highly Audible Siren
- Optional - GSM for SMS Alert

PANEL GV 09 PLUS



- 12 Addressable Detectors
- Colour LCD Display
- Single 4 Core Sensor network
- BMS Output - Modbus
- Intelligent Fault Indicator
- Mute Switch
- Highly Audible Siren
- Optional - GSM for SMS Alert

PANEL GV 09 PRO



- Graphic LCD Display
- 4 Core Sensor network
- Fault Indicator
- Mute Switch
- Highly Audible Siren
- Available in 2 / 4 / 6 / 8 Channel Panel

PANEL GV 09



- Dual LED Display Indication
- 4 Core Sensor network
- Highly Audible Siren
- Available - 1 to 12 Channel Panel

Pigtails & Hoses

PIGTAILS & HOSES



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 b ullnoze and nut.
BRANDS AVAILABLE	UE



PRODUCT	Copper Cylinder Pigtails
PRODUCT CODE	1200 / 1201 / 1202
SPECIFICATIONS	For MECV Connections.
	8 mm Copper tube with forged brass bullnoze and nut.
	In various lengths
	Used for LPG and Industrial Gases.
BRANDS AVAILABLE	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 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	BOSKER , E SURAKSHA / SUPERHOZE



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 ⅜" BSPPF and other side FECV. These pigtails
	are available in SS Braiding, Suraksha, SAE 100R1 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	BOSKER , JE SURAKSHA / SUPERHOZE

Liguid off-take hoses 1m Working pressure 160 bar



BRILON
Product Code 1240



GASGUARD
Product Code 1241 G



DUNLOP
Product Code 1241

PIGTAILS & HOSES

Heat resistant
flanged end hoses



R2 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^2
BRANDS AVAILABLE	SURAKSHA / ALFA GOMMA / SUPERHOZE / DUNLOP BOSKER



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.

Low 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	SE

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.

2 meter, ½" Vapour Hose
for 450 kg cylinders
Working pressure 160 bar
Product Code 1511



2 meter, ¾" Liquid Hose
for 450 kg cylinders
Working pressure 160 bar
Product Code 1504



BRAND : BRILON / SUPERHOZE

LOT HOSE
FOR 450 KG CYLINDER

Manifold Fittings Industrial Gases

UNIVERSAL FITTINGS

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 / CHANDRA



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

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AADHARSHILA GAS

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