










PRODUCT CATALOG



-  Vaporizers
-  Safety Relief Valve
-  Excess Flow Check Valves
-  Ball Valves
-  Content Gauge
-  LOT Equipment
-  Vane Pumps
-  Cryogenic Valves
-  LNG - Equipments



Gold Standard of Engineering



High Inventory

Easy ordering due to in-stock inventory for standard inventory products helps clients get quick solutions for their business requirements.



In-House R&D

Our Research and Development Centre at Anil Engineering focuses on better engineering and better products.



53+ Years

With a golden jubilee of expertise fuelled with passion and knowledge, we continue to work with the same dedication and commitment.



Innovative Engineering

We are constantly innovating new processes, products and solutions to help our clients solve complex business challenges.



Multiple Industry Applications

Our products can be used in various industries like steel, automotive, petroleum, infrastructure, food, and more.



Competitive Prices

Our cost-effective pricing helps clients get customized solutions within their budget without any compromise.



Superior Quality

All our products and services are backed by continuous improvements in quality and enhanced by new technologies.



End-to-end Support

Our team is always available for any support that you may need during your equipment's lifecycle.



Fast Turnaround Time

We're one of the few companies that assure clients of a quick turnaround time and deliver before time in most instances.

Indian Expertise, Global Reach

With a strong belief in Vocal for Local and Make in India, we're prepared for the world with exceptional manufacturing, products, and service under one roof. We aspire to be the first choice in the world and make India proud!

Maintenance & Service Contracts

Complete maintenance of AEPL products so that your business rarely experiences downtime. It ensures the smooth functioning of the equipment and enhances the lifecycle, thus assuring better ROI.

International Quality Standards

We manufacture products which suit international standards like ASME, UI and EN and undertake the preparation of storage yard layout drawing work, and liaison with PESO for approvals and licensing.

Turnkey Projects

We specialize in turnkey projects like bulk LPG & NH₃ Storage Handling Systems, small Scale LNG/CNG Storage Systems, LNG Filling Station, ALDS, LPG Bottling Plants, LOT Systems, Fuel Conversions Systems and more.

We serve clients in following sectors

PSU's

- Bharat Petroleum Corporation Limited (BPCL)
- Gas Authority of India Limited (GAIL)
- Hindustan Petroleum Corporation Limited (HPCL)
- Indian Oil Corporation Limited (IOCL)

Agencies & Distributors

- Gas Agencies & Distributors
- Equipment Distributors
- Project Management Consultants
- Contractors & Installers

Industries

- Manufacturing
- Oil & Gas
- Automobile
- FMCG
- HORECA



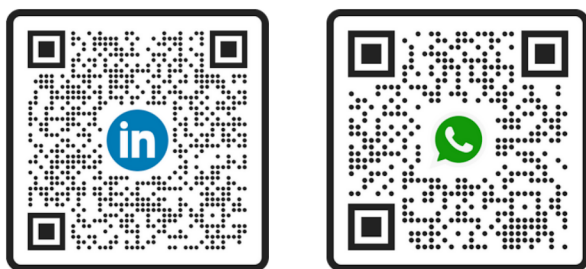
Our Certifications



In Support of



Scan to Connect with us.



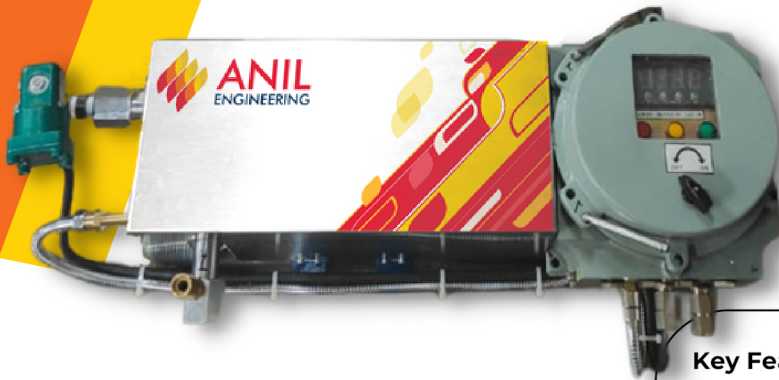
Copyright and Content Change Notice

All material contained within this document is subject to copyright and is the proprietary intellectual property of ANIL Engineering Pvt. Ltd. The content presented in this document is provided for reference purposes only and may not be reproduced, distributed, or transmitted in any form or by any means, including photocopying, recording, or other electronic or mechanical methods, without the prior written permission of ANIL Engineering Pvt. Ltd.

Please be aware that the content in this document is subject to change without any prior notice. Unauthorized use and/or duplication of this material without express and written permission from ANIL Engineering Pvt. Ltd. is strictly prohibited. T&C apply

DX Pro Vaporizer

Tech Spec



Description

Dry electrical vapouriser is smart, compact and elegant in design. Runs on innovative technology and uses the principle of direct heating. Vaporization is achieved by heating the aluminium body. It is available for 25, 50, 100 and 150 kg/hr Capacity

Type	Electrically heated Dry
Service	LPG / Propane
Capacity	25 to 150 kg/hr
Test Pressure hydro	450 psi
MOC heat exchanger	Aluminium Body

Instrumentation	<ul style="list-style-type: none">- Solenoid Valve- Safety Relief Valve- RTD- Sensor.
-----------------	--

Key Features

- Provides LPG vaporization at a very compact size and affordable price.
- Temperature sensor senses the temperature and operates the inlet valve.
- Available in wall mount design for ample floor space.
- Solenoid valve to control liquid LPG inlet.

Key Benefits

- Dry electrically heated.
- No corrosion
- RTD Sensors
- Easy for maintenance
- Compact in size & light weight
- Easy to install and wall mount
- Save Water



The Best Use For

- Suitable for customers whose LPG consumption is 25 Kg/hr to 150 kg/hr.
- Ideal for Small LOT installation.
- For Hotels, Caterers & Restaurants where space is a major constraint.
- In Printing industries to maintain & control temperature.
- In Bakery that uses direct-fired Oven, Peel Brick Oven etc.

Safety Features

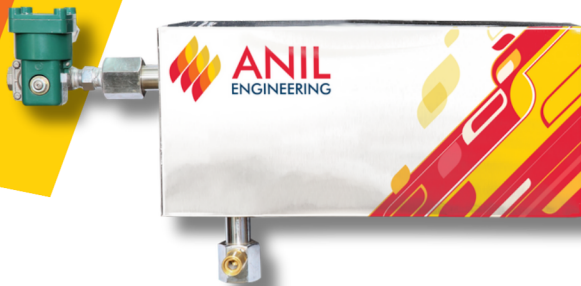
- Flameproof enclosure to all electrical items
- Safety valves provided on LPG Vapour line
- Auto LPG liquid cut off when body temperature falls.
- Thick insulation with ss cover make touch safe.

Model No.	DX Pro /25	DX Pro /30	DX Pro /50	DX Pro /100	DX Pro /150
Capacity	25 kg / hr	30 kg / hr	50 kg / hr	100 kg / hr	150 kg / hr
L x B x H	800 x 320 x 250	800 x 320 x 250	800 x 320 x 250	481 x 537 x 900	600 x 610 x 1050
Power Supply	220 V	220 V	220 V	440 V	440 V
Power Phase	1 phase	1 phase	1 phase	3 phase	3 phase
MCB	40 A (2 - Pole)	40 A (2 - Pole)	63 A (2 - Pole)	40 A (3 - Pole)	63 A (3 - Pole)
Heat Load (kw)	3.6 kw	4.8 kw	6 kw	18 kw	24 kw
Liquid Inlet Size	1/2" x 300#	1/2" x 300#	1/2" x 300#	1" x 300#	1" x 300#
Vapour Outlet Size	1/2" x 300#	1/2" x 300#	1/2" x 300#	1" x 300#	1" x 300#

- Dimension are subject to minor change

DX Pro Vaporizer

Tech Spec



Description

Dry electrical vapouriser is smart, compact and elegant in design.

Runs on innovative technology and uses the principle of direct heating. Vaporization is achieved by heating the aluminium body.

It is available for 25, 50, 100 and 150 kg/hr Capacity

Type	Electrically heated Dry
Service	LPG / Propane
Capacity	25 to 150 kg/hr
Test Pressure hydro	450 psi
MOC heat exchanger	Aluminium Body

Instrumentation	<ul style="list-style-type: none">- Safety Relief Valve- Solenoid Valve- RTD Sensor.
-----------------	--

Key Features

- Provides LPG vaporisation at a very compact size and affordable price.
- Temperature sensor senses the temperature and operates the inlet valve.
- Available in wall mount design for ample floor space.
- Solenoid valve to control liquid LPG inlet.

Key Benefits

- Dry electrically heated.
- No corrosion
- RTD Sensors
- Easy for maintenance
- Compact in size & light weight
- Easy to install and wall mount
- Save Water



The Best Use For

- Suitable for customers whose LPG consumption is 25 Kg/hr to 150 kg/hr.
- Ideal for Small LOT installation.
- For Hotels, Caterers & Restaurants where space is a major constraint. (HoReCa Industry)
- In Printing industries to maintain & control temperature.
- In Bakery that uses direct-fired Oven, Peel Brick Oven etc.

Safety Features

- Flameproof enclosure to all electrical items
- Safety valves provided on LPG Vapour line
- Auto LPG liquid cut off when body temperature falls.
- Thick insulation with ss cover make the equipment touch safe.

Model No.	DX Pro /25	DX Pro /30	DX Pro /50	DX Pro /100	DX Pro /150
Capacity	25 kg / hr	30 kg / hr	50 kg / hr	100 kg / hr	150 kg / hr
L x B x H	800 x 320 x 250	800 x 320 x 250	800 x 320 x 250	481 x 537 x 900	600 x 610 x 1050
Power Supply	220 V	220 V	220 V	440 V	440 V
Power Phase	1 phase	1 phase	1 phase	3 phase	3 phase
MCB	32 A (2 - Pole)	32 A (2 - Pole)	40 A (2 - Pole)	40 A (3 - Pole)	63 A (3 - Pole)
Heat Load (kw)	3.6 kw	4.8 kw	6 kw	18 kw	24 kw
Liquid Inlet Size	1/2" x 300#	1/2" x 300#	1/2" x 300#	1" x 300#	1" x 300#
Vapour Outlet Size	1/2" x 300#	1/2" x 300#	1/2" x 300#	1" x 300#	1" x 300#

- Dimension are subject to minor change

MX Pro Vaporizer

Tech Spec



Description

This compact vaporizer designed for LPG Consumption of up to 30 kg/hr or 50 kg/hr. only. Suitable for restaurants, kitchens, company canteen, bakeries. It is a wall mounting type & occupy minimum space.

Key Features

- Digital controller with digital display
- In built water Level controller
- Electrical solenoid valve to control Liquid LPG Inlet
- Wall mounting design for ample floor space.

Key Benefits

- Simple electrical design with top rated safety features,
- In-built safety valve & water temperature settings.
- Insulation with Aluminium cladding for minimum heat loss.
- Specially designed heaters with 1 years warranty.
- Water bath Tank made up of MS making it cost-effective
- Stainless Steel Coil for rust resistance & long life span

The Best Use For

- For LPG consumption is 30 Kg/hr to 50 kg/hr.
- For Small LOT installation.
- Where space is a major constraint.
- For Hotels, Caterers & Restaurants (HoReCa Industry)
- In Printing industries to maintain & control temperature.
- In Bakery that uses direct-fired Oven, Peel Brick Oven etc.

Safety Features

- Flameproof enclosure to all electrical items
- Safety valves provided on LPG Vapour line
- Auto cut off of LPG liquid as soon as water temperature falls.
- Auto heater cut off.
- Stainless Steel Coil to avoid corrosion

Type	Electrically heated Water Bath
Service	LPG / PROPANE
Capacity	30 & 50 kg/hr
Test Pressure hydro	550 psi
Test Pressure pneumatic	250 psi
Water Temp deg c	75-80
Water Requirement	Make up
Power supply	415v
Power Phase	3ph
MOC Water Tank	Mild Steel
MOC Coil / Tube	Stainless Steel

Instrumentation	<ul style="list-style-type: none">- Solenoid Valve- Safety Relief Valve- Digital Temperature Indicator & Controller
-----------------	---

Model No.	MX Pro 30	MX Pro 50
Capacity	30 kg / hr	50 kg / hr
L x B x H (LPG)	540 x 600 x 800	540 x 600 x 900
Water Capacity	11 Ltrs	13 Ltrs
Heat Load (kw)	6 kw	6 kw
Liquid Inlet Size	1/2" x 300#	1/2" x 300#
Vapour Outlet Size	1/2" x 300#	1/2" x 300#

• Dimension are subject to minor change

BX Pro Vaporizer

Tech Spec



Type	Electrically heated Water Bath
Service	LPG / PROPANE
Capacity	50 to 500 kg/hr
Test Pressure hydro	550 psi
Test Pressure pneumatic	250 psi
Water Temp deg c	75-80
Water Requirement	Make up
Power supply	415v
Power Phase	3ph
MOC Water Tank	Mild Steel
MOC Coil / Tube	Stainless Steel

Description

The electrically heated water bath type vapourizer, BX Pro, is designed for LPG or propane consumption from 50 kg/hr to 500 kg/hr. It is ideal for small LOT installations as it offers a simple electrical design with top rated safety features, The specially designed heaters come with 1-years warranty and the stainless steel coil ensures rust resistance and a longer life span.

Key Features

- Digital controller with digital display
- In built water Level controller
- Electrical solenoid valve to control Liquid LPG Inlet

Key Benefits

- Simple electrical design with top rated safety features,
- Insulation with Aluminum cladding for minimum heat loss.
- Specially designed heaters with 1 years warranty.
- Stainless Steel Coil for rust resistance & long life span

The Best Use For

- For LPG consumption is 50 Kg/hr to 500 kg/hr.
- For LOT installation.
- Where space is a major constraint.
- For Hotels, Caterers & Restaurants (HoReCa Industry)
- In Printing industries to maintain & control temperature.
- In Bakery that uses direct-fired Oven, Peel Brick Oven etc.

Safety Features

- Flameproof enclosure to all electrical items
- Safety valves provided on LPG Vapour line
- Auto cut off of LPG liquid as soon as water temperature falls.
- Auto Water heater cut off.
- Stainless Steel Coil to avoid corrosion.
- Certified with PESO & CE

Instrumentation

- Solenoid Valve
- Safety Relief Valve
- Digital Temperature Indicator & Controller

Model No.	BX Pro 50	BX Pro 100	BX Pro 150	BX Pro 200	BX Pro 250	BX Pro 300
Capacity	50 kg / hr	100 kg / hr	150 kg / hr	200 kg / hr	250 kg / hr	300 kg / hr
L x B x H (LPG)	915 x 920 x 1310	935 x 1145 x 800	935 x 1145 x 800	1145 x 1145 x 1100	1145 x 1145 x 1100	1320 x 1145 x 1100
Water Capacity	146 Ltrs	160 Ltrs	160 Ltrs	230 Ltrs	230 Ltrs	230 Ltrs
Heat Load (kw)	6 kw	12 kw	18 kw	24 kw	30 kw	42 kw
Liquid Inlet Size	1/2" x 300#	1" x 300#	1" x 300#	1" x 300#	1" x 300#	1" x 300#
Vapour Outlet Size	1/2" x 300#	1" x 300#	1" x 300#	1" x 300#	1" x 300#	1" x 300#

- Dimension are subject to minor change

Model No.	BX Pro 350	BX Pro 400	BX Pro 500
Capacity	350 kg / hr	400 kg / hr	500 kg / hr
L x B x H (LPG)	1320 x 1145 x 1100	1488 x 1407 x 1100	1607 x 1488 x 1300
Water Capacity	230 Ltrs	415 Ltrs	514 Ltrs
Heat Load (kw)	48 kw	54 kw	72 kw
Liquid Inlet Size	1" x 300#	1 1/2" x 300#	1 1/2" x 300#
Vapour Outlet Size	1" x 300#	1 1/2" x 300#	2" x 300#

CX Pro Vaporizer

Tech Spec



Description

CX Pro is an electrically heated water-bath type vapourizer, ideal for LPG consumption from 50 Kg/hr to 1500 kg/hr. It is suitable for LOT installations and for high consumption industrial applications. It offers a flameproof enclosure to all electrical items with safety valves provided on the LPG vapour line. The stainless steel coil prevents corrosion and the auto water heater cut off acts as an excellent safety feature.

Key Features

- Digital controller with digital display
- In built water Level controller
- Electrical solenoid valve to control Liquid LPG Inlet
- Top mounted LPG level switch & pressure switch

Key Benefits

- Simple electrical design with top rated safety features,
- Insulation with Aluminium cladding for minimum heat loss.
- Specially designed heaters with 1 years warranty.
- Stainless Steel Coil for rust resistance & long life span

The Best Use For

- For LPG consumption is 50 Kg/hr to 1500 kg/hr.
- Ideal for LOT installation & bulk vaporization.
- For high consumption industrial application

Safety Features

- Flameproof enclosure to all electrical items
- Safety valves provided on LPG Vapour line
- Auto cut off of LPG liquid as soon as water temperature falls.
- Auto Water heater cut off.
- Stainless Steel Coil to avoid corrosion
- Inbuild liquid trap, high liquid level cut off, high pressure cut off after regulating station.

Type	Electrically heated Water Bath	
Service	LPG / PROPANE	AMMONIA
Capacity	50 to 1500 kg/hr	50 to 300 kg/hr
Test Pressure hydro	550 psi	550 psi
Test Pressure pneumatic	250 psi	250 psi
Water Temp °C	75-80	75-80
Water Requirement	Make up	Make up
Power supply	415v	415v
Power Phase	3ph	3ph
MOC Water Tank	Mild Steel	Mild Steel
MOC Coil / Tube	Stainless Steel	Stainless Steel

Instrumentation	<ul style="list-style-type: none"> - Solenoid Valve - Safety Relief Valve - Pressure Switch - Top Mounted Level Switch - Digital Temperature Controller
-----------------	--

Model No.	CX Pro 50-LP	CX Pro 100-LP	CX Pro 150-LP	CX Pro 200-LP	CX Pro 250-LP	CX Pro 300-LP
Capacity	50 kg / hr	100 kg / hr	150 kg / hr	200 kg / hr	250 kg / hr	300 kg / hr
L x B x H	915 x 920 x 1310	935 x 1145 x 1309	935 x 1145 x 1310	1145 x 1145 x 1619	1145 x 1145 x 1620	1320 x 1145 x 1620
Water Capacity	146 Ltrs	160 Ltrs	160 Ltrs	230 Ltrs	230 Ltrs	230 Ltrs
Heat Load (kw)	6 kw	12 kw	18 kw	24 kw	30 kw	42 kw
Liquid Inlet Size	1/2" x 300#	1" x 300#	1" x 300#	1" x 300#	1" x 300#	1" x 300#
Vapour Outlet Size	1/2" x 300#	1" x 300#	1" x 300#	1" x 300#	1" x 300#	1" x 300#

Model No.	CX Pro 350-LP	CX Pro 400-LP	CX Pro 500-LP	CX Pro 750-LP	CX Pro 1000-LP	CX Pro 1500-LP
Capacity	350 kg / hr	400 kg / hr	500 kg / hr	750 kg / hr	1000 kg / hr	1500 kg / hr
L x B x H	1320 x 1145 x 1620	1488 x 1407 x 1620	1607 x 1488 x 1820	1700 x 1488 x 1820	2120 x 1910 x 2120	2670 x 2500 x 2220
Water Capacity	230 Ltrs	415 Ltrs	514 Ltrs	514 Ltrs	1902 Ltrs	4000 Ltrs
Heat Load (kw)	48 kw	54 kw	72 kw	108 kw	144 kw	216 kw
Liquid Inlet Size	1" x 300#	1 1/2" x 300#	1 1/2" x 300#	2" x 300#	2" x 300#	2" x 300#
Vapour Outlet Size	1" x 300#	1 1/2" x 300#	2" x 300#	2" x 300#	2" x 300#	2" x 300#

• Dimension are subject to minor change

CX Pro Plus Vaporizer

Tech Spec

Description

CX Pro PLUS is an electrically heated water-bath type vapourizer, ideal for LPG consumption from 50 Kg/hr to 1500 kg/hr. It is suitable for LOT installations and for high consumption industrial applications. It offers a digital controller with digital display, an in-built water level controller and an electrical solenoid valve to control liquid inlet.

Key Features

- Digital controller with digital display
- Electrical solenoid valve to control Liquid LPG Inlet
- Water solenoid valve to control water Inlet
- Water level switch to avoid overflow
- Top mounted LPG level switch & pressure switch

Key Benefits

- Simple electrical design with top rated safety features,
- Insulation with Aluminium cladding for minimum heat loss.
- Specially designed heaters with 2 years warranty.
- Stainless Steel Coil for rust resistance & long life span

The Best Use For

- For LPG consumption is 50 Kg/hr to 1000 kg/hr.
- Ideal for LOT installation.
- For high consumption industrial application

Safety Features

- Flameproof enclosure to all electrical items
- Safety valves provided on LPG Vapour line
- Auto LPG liquid cut off on water temperature falls.
- Auto Water heater cut off.
- Stainless Steel Coil to avoid corrosion
- Inbuild liquid trap, high liquid level cut off, high pressure cut off after regulating station.

Instrumentation

- Solenoid Valve
- Safety Relief Valve
- Pressure Switch
- Top Mounted Level Switch
- Digital Temperature Controller
- Water Solenoid Valve
- Water Level Switch

Type	Electrically heated Water Bath	
Service	LPG / PROPANE	AMMONIA
Capacity	50 to 1500 kg/hr	50 to 300 kg/hr
Test Pressure hydro	550 psi	550 psi
Test Pressure pneumatic	250 psi	250 psi
Water Temp deg c	75-80	75-80
Water Requirement	Make up	Make up
Power supply	415v	415v
Power Phase	3ph	3ph
MOC heat exchanger	Mild Steel	Mild Steel
MOC coil/ tube	Stainless Steel	Stainless Steel

Model No.	CX Pro Plus 50-LP	CX Pro Plus 100-LP	CX Pro Plus 150-LP	CX Pro Plus 200-LP	CX Pro Plus 250-LP	CX Pro Plus 300-LP
Capacity	50 kg / hr	100 kg / hr	150 kg / hr	200 kg / hr	250 kg / hr	300 kg / hr
L x B x H	915 x 920 x 1310	935 x 1145 x 1309	935 x 1145 x 1310	1145 x 1145 x 1619	1145 x 1145 x 1620	1320 x 1145 x 1620
Water Capacity	146 Ltrs	160 Ltrs	160 Ltrs	230 Ltrs	230 Ltrs	230 Ltrs
Heat Load (kw)	6 kw	12 kw	18 kw	24 kw	30 kw	42 kw
Liquid Inlet Size	1/2" x 300#	1" x 300#	1" x 300#	1" x 300#	1" x 300#	1" x 300#
Vapour Outlet Size	1/2" x 300#	1" x 300#	1" x 300#	1" x 300#	1" x 300#	1" x 300#

Model No.	CX Pro Plus 350-LP	CX Pro Plus 400-LP	CX Pro Plus 500-LP	CX Pro Plus 750-LP	CX Pro Plus 1000-LP	CX Pro Plus 1500-LP
Capacity	350 kg / hr	400 kg / hr	500 kg / hr	750 kg / hr	1000 kg / hr	1500 kg / hr
L x B x H	1320 x 1145 x 1620	1488 x 1407 x 1620	1607 x 1488 x 1820	1700 x 1488 x 1820	2120 x 1910 x 2120	2670 x 2500 x 2220
Water Capacity	230 Ltrs	415 Ltrs	514 Ltrs	514 Ltrs	1902 Ltrs	4000 Ltrs
Heat Load (kw)	48 kw	54 kw	72 kw	108 kw	144 kw	216 kw
Liquid Inlet Size	1" x 300#	1 1/2" x 300#	1 1/2" x 300#	2" x 300#	2" x 300#	2" x 300#
Vapour Outlet Size	1" x 300#	1 1/2" x 300#	2" x 300#	2" x 300#	2" x 300#	2" x 300#

• Dimension are subject to minor change

HX Pro Vaporizer

Tech Spec



Type	Ambient water heat exchanger
Service	LPG / PROPANE
Capacity	50 to 2500 kg/hr
Test Pressure hydro	500 psi
Test Pressure pneumatic	250 psi
Water Temp deg c	25 - 30 °C
Requirement	Storage as per capacity
Power supply	230 V
Power Phase	1ph
MOC heat exchanger	Mild Steel
MOC / tube	Stainless Steel

Description

HX Pro are fin tube heat exchanger vaporisers consisting of a fin tube through which water is circulated and a shell through which LPG is flowing. It is ideal for LPG consumption from 50 to 2500 kg/hr.

Key Features

- Digital controller with digital display.
- No heater required
- PRS to control liquid LPG IN.
- Water flow switch to monitor required flow.
- Top mounted liquid level switch & liquid trap.
- Enhanced Safety Through a Dual-Level Switch

Key Benefits

- Designed with top-rated safety features.
- Stainless Steel tube for rust resistance & long life span
- Low maintenance
- Clean & Sustainable
- Saves carbon footprint.

Best for

- LPG consumption up to 2500 kg/hr
- For customer wants to save on electrical consumption
- Where water storage is available for circulation

Safety Features

- Flameproof enclosure to all electrical items
- Safety valves provided on Vapour line
- Water flow switch provided which interlocks with liquid LPG inlet
- Stainless Steel tube to avoid corrosion
- DTIC with RTD sensor on/off the system if temperature falls or rise above the predetermined values
- PESO Certified

Instrumentation

- Solenoid Valve
- Safety Relief Valve
- Pressure Switch
- Top Mounted Level Switch
- Side Mounted Level Switch
- Water Flow Switch
- Digital Temperature Controller

Model No.	HX Pro /50	HX Pro /100	HX Pro /150	HX Pro/200	HX Pro/250	HX Pro/300	HX Pro/350	HX Pro/400
Capacity	50 kg / hr	100 kg / hr	150 kg / hr	200 kg/hr	250 kg/hr	300 kg/hr	350 kg/hr	400 kg/hr
L x B x H	1100 x 600 x 2150	1100 x 600 x 2150	1100 x 600 x 2150	1100x600x2250	1100x600x2250	1100x600x2250	1200x700x2250	1200x700x2250
Liquid Inlet Size	1 x 300#	1 x 300#	1" x 300#	1.5" x 300#	1.5" x 300#	2"x300#	2"x300#	3"x300#
Vapour Outlet Size	1.5 x 300#	1.5 x 300#	1.5 x 300#	2"x300#	2"x300#	2"x300#	3"x300#	4"x300#
Water Storage	29m3	58m3	90m3	119m3	140m3	175m3	205m3	203m3
Water Flowrate	45LPM	90LPM	135LPM	180LPM	225LPM	270LPM	315LPM	360LPM

Model No.	HX Pro/500	HX Pro/750	HX Pro/1000	HX Pro/1250	HX Pro/1500	HX Pro/2000	HX Pro/2500
Capacity	500 kg/hr	750 kg/hr	1000 kg/hr	1250 kg/hr	1500 kg/hr	2000 kg/hr	2500 kg/hr
L x B x H	1200x700x2350	1200x700x2350	1300x850x2475	1300x850x2475	1500x950x2750	1500x950x2950	1600x1050x3200
Liquid Inlet Size	3"x300#	3"x300#	3"x300#	3"x300#	4"x300#	4"x300#	4"x300#
Vapour Outlet Size	4"x300#	4"x300#	4"x300#	4"x300#	5"x300#	5"x300#	5"x300#
Water Storage	209m3	400m3	520m3	660m3	730m3	1100m3	1310m3
Water Flowrate	450LPM	675LPM	900LPM	1125LPM	1350LPM	1800LPM	2250LPM

- Data specified are subject to minor change.

SX Pro Vaporizer

Tech Spec



Description

SX- Pro are tube type heat exchanger vaporisers consisting of a SS tube through which LPG is flowing and a shell through which hot steam is circulated. It is ideal for LPG consumption from 50 to 5000 kg/hr.

Key Features

- No heater required
- Electrical solenoid valve to control liquid LPG.
- Steam valve to monitor required steam temperature.

Key Benefits

- Designed with top-rated safety features.
- Saves up to 90% in Electricity cost in comparison to heater-based vaporisers.
- Stainless Steel tube for rust resistance & long life span

Best use for

- LPG consumption up to 5000 kg/hr
- For customer wants to save on electrical consumption
- Where steam is available for circulation
- Minimum maintenance

Safety Features

- Flameproof enclosure to all electrical items
- Safety valves provided on Vapour line
- Auto liquid cut off on steam temperature falls.
- A steam valve is incorporated into the system, allowing steam to enter only when the steam is as per predetermined temperature.
- Stainless Steel tube to avoid corrosion
- DTIC with RTD sensor on/off the system if temperature falls or rise above the predetermined values

Type	Steam heat exchanger
Service	LPG / PROPANE
Capacity	50 to 5000 kg/hr
Test Pressure hydro	500 psi
Test Pressure pneumatic	250 psi
Steam Temp deg c	130-150 °C
Steam Pressure Requirement	2-2.5 Bar (May change as per vaporizer capacity.)
Power supply	230 V
Power Phase	1 ph
MOC heat exchanger	Mild Steel
MOC coil/ tube	Stainless Steel

Instrumentation

- Solenoid Valve
- Safety Relief Valve
- Pressure Switch
- Steam Temperature Control Valve.
- Side Mounted Level Switch
- Digital Temperature Controller

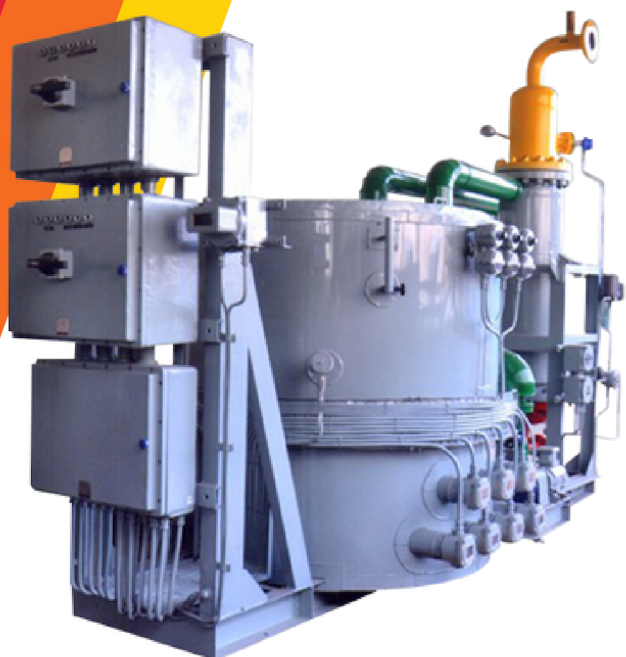
Model No.	SX Pro /50	SX Pro /100	SX Pro /150	SX Pro /200	SX PRO/250	SX PRO/300	SX PRO/350	SX PRO/400
Capacity (kg/hr.)	50	100	150	200	250	300	350	400
L x B x H (mm)	600 x 600 x 2450	600 x 600 x 2450	600 x 600 x 2450	600 x 600 x 2450	600 x 600 x 2450	600 x 600 x 2450	700 x 700 x 2450	700 x 700 x 2450
Liquid Inlet Size	1/2"	1/2"	1"	1"	1"	1"	1"	1"
Vapour Outlet Size	1/2"	1/2"	1"	1"	1"	1"	1"	1"

Model No.	SX PRO/500	SX PRO/750	SX PRO/1000	SX PRO/1250	SX PRO/1500	SX PRO/2000	SX PRO/2500	SX PRO/5000
Capacity (kg/hr.)	500	750	1000	1250	1500	2000	2500	5000
L x B x H (mm)	700 x 675 x 2550	800 x 675 x 2900	800 x 675 x 2900	800 x 675 x 2900	800 x 750 x 3000	800 x 750 x 3000	100 x 975 x 3000	1025 x 1225 x 3330
Liquid Inlet Size	1.5"	1.5"	1.5"	2"	2"	2"	2"	3"
Vapour Outlet Size	2"	2"	2"	3"	3"	3"	4"	8"

• Data specified are subject to minor change.

EX Pro Vaporizer

Tech Spec



Type	Electrically heated water bath with heat exchanger type
Service	LPG / PROPANE
Capacity	500 to 5000 kg/hr
Test Pressure hydro	550 psi
Test Pressure pneumatic	250 psi
Water Temp deg c	75-80 °C
Water Requirement	Make up
Power supply	415v
Power Phase	3ph
MOC heat exchanger	Mild Steel
MOC coil/ tube	Stainless Steel

Description

EX Pro vapouriser is a heat exchanger type, that consist of a hot water generator tank and heat exchanger. Liquid LPG enters the heat exchanger at the bottom and gets vapourized as it travels through SS tube and the LPG vapour leaves at the top. Water from hot water generator circulated through the heat exchanger shell with the help of pump. It is ideal for LPG consumption from 500 to 5000 kg/hr.

Key Features

- Digital controller with digital display
- In built water Level controller
- Electrical solenoid valve to control Liquid LPG Inlet
- Dual water circulation pumps, with one in operation and one serving as a standby.
- Mounted LPG level switch & pressure switch

Key Benefits

- Simple electrical design with top rated safety features,
- Insulation with Aluminium cladding for minimum heat loss.
- Specially designed heaters with 1 years warranty.
- Stainless Steel tube for rust resistance & long life span
- Can be used for both electrical or direct hot water supply.

The Best Use For

- For LPG consumption is 500 Kg/hr to 5000 kg/hr.
- Ideal for bulk vaporization.
- For high consumption industrial application

Safety Features

- Flameproof enclosure to all electrical items
- Safety valves provided on LPG Vapour line
- Auto LPG liquid cut off on water temperature falls.
- Auto Water heater cut off.
- Stainless Steel tube to avoid corrosion
- PESO Certified.

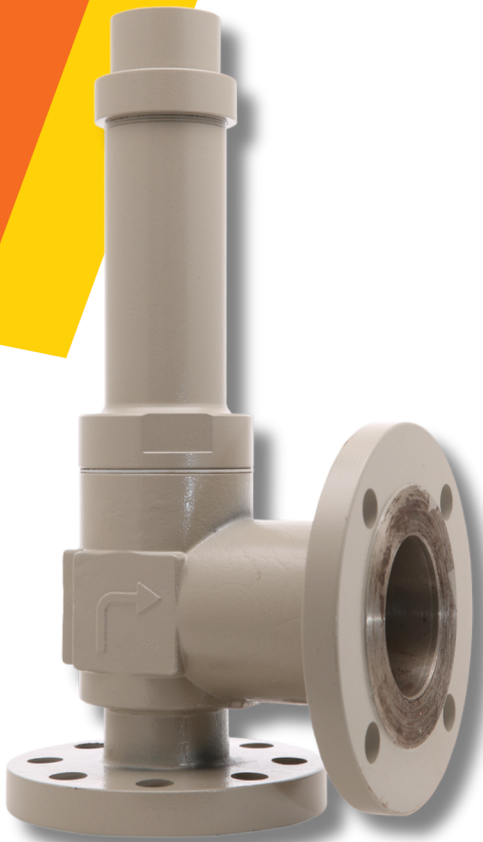
Instrumentation

- Solenoid Valve
- Safety Relief Valve
- Pressure Switch
- Side Mounted Level Switch
- Digital Temperature Controller
- Water Pump

Model No.	EX Pro /500	EX Pro /1000	EX Pro /1500	EX Pro /2000	EX Pro /2500	EX Pro /5000
Capacity	500 kg / hr	1000 kg / hr	1500 kg / hr	2000 kg / hr	2500 kg / hr	5000 kg / hr
L x B x H (mm)	3200x675x2440	4000x675x2900	4000x750x3000	4000x750x3000	4500x950x3000	5650x1325x3500
Heat Load (kw)	72	144	216	252	360	720
Liquid Inlet Size	1.5" x 300#	1.5" x 300#	2"x300#	2"x300#	2"x300#	3"x300#
Vapour Outlet Size	2"x300#	3"x300#	3"x300#	3"x300#	4"x300#	8"x300#

- Data specified are subject to minor change.

Angle Type - (Safety Relief Valves) Tech Spec



Description

Anil Engineering's Angle Type Safety Relief Valves have a wide application on all types of storage tanks. They gradually release the pressure when it exceeds the set limit and are critical in industrial applications with their fail-safe mechanism. They are ideal to relieve excess pressure and are used to protect any enclosed pressure vessel or equipments.

Key Features

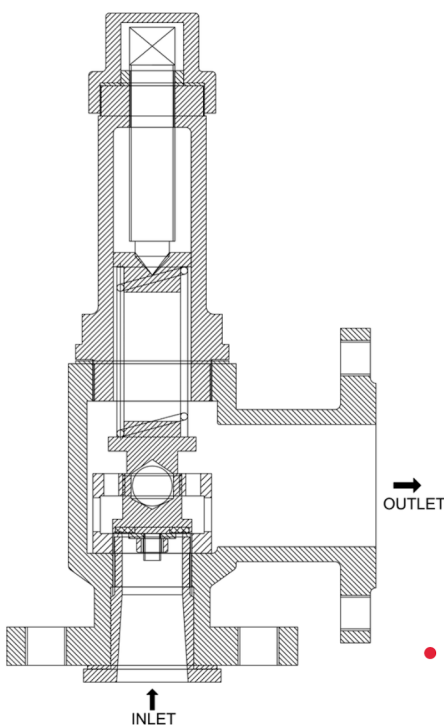
- Wide applications on all types of storage tanks.
- Releases the pressure gradually when the pressure exceeds the set limit.
- Well-designed angle type safety relief valves ensure safety in critical industrial applications with their fail-safe mechanism.
- Precision in the engineering of these valves leads to low maintenance costs.

Key Benefits

- Pressure can be set to different values as per the requirement
- Available in Wide range of sizes.
- Available in a variety of materials of construction.
- Available in different types to suit tank mountings.
- Sizes covered by our manufacturing range are 1" (25 mm) to 6" (150 mm)

The Best Use For

- Extremely important equipment for clients dealing with pressurised system
- Mainly used in Gas & oil industry
- Purpose/used to control or limit the pressure in a system.
- This type of valve is ideal to relieve hydrostatic pressure.
- Safety relief valves are mostly used to protect any enclosed LPG system.



Certified: PESO, PED

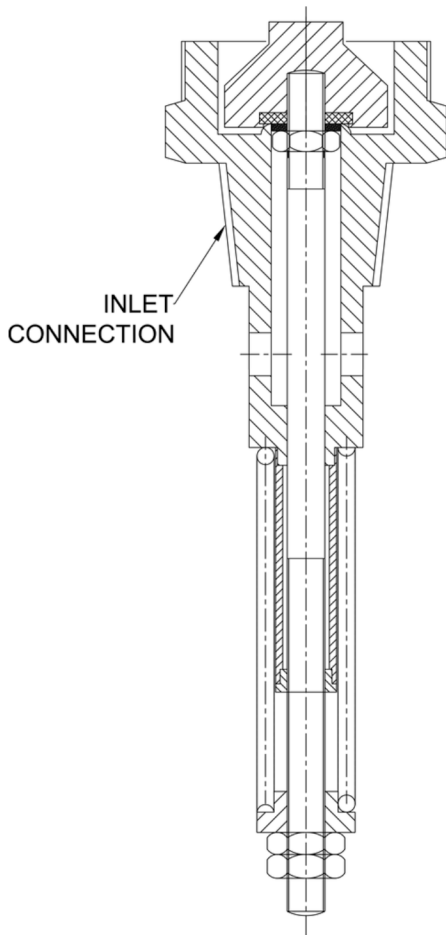
Design Standard	API 521/ ASME SEC.-XIII				
End connection	FLANGE (ASME B16.5)				
Available Sizes Inlet	1" 300#	1.5 300#	2 300#	3 300#	6 300#
Available Sizes Outlet	1.5" 150#	2 150#	3 150#	4 150#	8 150#

Fluid and State	LPG	PROPANE	AMMONIA	EO
Body	SA216 WCB	SA216 WCB	A351 CF8	A351 CF8
Bonnet	IS2062	IS2062	IS2062	SS
Spring	SPRING STEEL IS4454 GR.II	SPRING STEEL IS4454 GR.II	SPRING STEEL IS4454 GR.II	SS
Seal	NEOPRENE	NEOPRENE	TEFLON	TEFLON
Seat	SS	SS	SS	SS
Nozzle	SS	SS	SS	SS
Seat Guide	SS	SS	SS	SS
Hydrotest Pressure (PSI)	1200 PSI	1200 PSI	1200 PSI	1200 PSI
Set Pressure (Bar)	14.5	22	23	8

- Available in different set pr. as per requirement

Internal Mounting (Safety Relief Valves)

Tech Spec



Description

Anil Engineering's Threaded Type Safety Relief Valves have a wide application on all types of storage tanks. They gradually release the pressure when it exceeds the set limit and are critical in industrial applications with their fail-safe mechanism. They are ideal to relieve excess pressure and are used to protect any enclosed pressurized system. AEPL covers sizes ranging from 1" (25 mm) to 3" (80 mm).

Key Features

- This safety relief has wide applications on all types of storage and transport tanks.
- Major portion of the valves is inside the tank. Therefore it requires very little head room above the tank.
- Possibility of tampering is eliminated.

Key Benefits

- Pressure can be set to different values as per the requirement
- Available in Wide range of sizes.
- Available in a variety of materials of construction.
- Available in different types to suit tank mountings.
- Sizes covered by our manufacturing range are 1" (25 mm) to 3" (80 mm)

The Best Use For

- Extremely important equipment for clients dealing with pressurized system
- Suitable for Static and mobile pressure vessels.
- Purpose/used to control or limit the pressure in a system.
- This type of valve is ideal to relieve excess pressure.
- Safety relief valves are mostly used to protect any enclosed pressurized system.

Certified: PESO, PED

Design Standard	API 521/ ASME SEC-XIII
End connection	THREADED

Fluid and State	LPG/PROPANE			AMMONIA	EO
Available Sizes	1"	1.5, 2"	3"	1", 1.5" & 2"	1", 1.5" & 2"
Body	BS249/BS218	BRASS	BRASS	SS	SS
Seat	BRASS	SS	SS	SS	SS
Spindle	SS	EN-8	SS	SS	SS
Seal	NEOPRENE			TEFLON	TEFLON
Spring	SPRING STEEL			SPRING STEEL	SS
Hydrotest Pressure (PSI)	450 PSI			750 PSI	750 PSI
Set Pressure (Bar)	LPG-14.5 / PROPANE-22			23	8

- Available in different set pressure as per requirement.

Pop Action (Safety Relief Valves)

Tech Spec



Description

Pop Action valve used to relief the excess pressure in pressurize pipeline. Anil Engineering's precision in engineering pop action valves ensures low maintenance costs and high efficiency. Sizes available at AEPL range from 1/4" (8 mm) to 1" (25 mm). The valves are used to control or limit the excess pressure in an enclosed pressurized system.

Key Features

- Releases the pressure gradually when the pressure exceeds the set limit. It is designed to 'pop' open to its full discharge capacity, reducing excess pressure quickly.
- Well-designed POP ACTION type safety relief valves ensure safety in critical industrial applications with their fail-safe mechanism. Precision in the engineering of these valves leads to low maintenance costs.

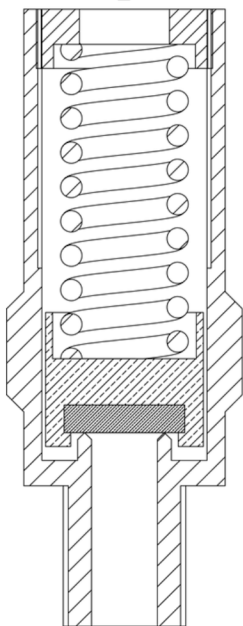
Key Benefits

- Available in customized set pressure.
- Available in Wide range of sizes.
- Available in a variety of materials of construction.
- Offered in various types to accommodate different pipeline applications.

The Best Use For

- Extremely important equipment for clients dealing with pressurised system
- Mainly used in Gas & oil industry
- Purpose/used to control or limit the pressure in a system.
- This type of valve is ideal to relieve excess pressure.
- Safety relief valves are mostly used to protect any enclosed pressurized system.

DISCHARGE



INLET

Certified: PESO, PED

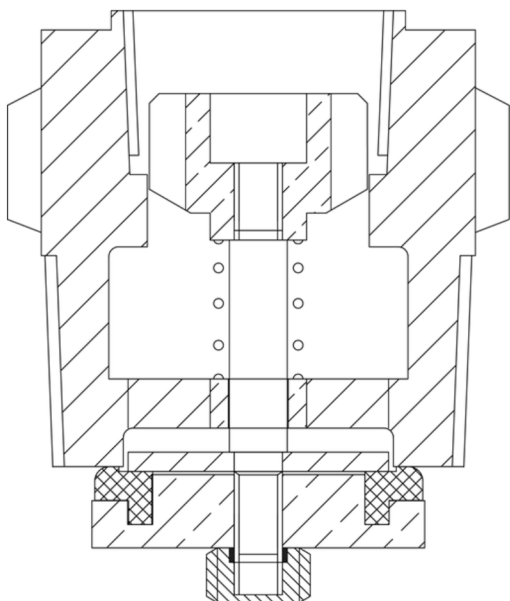
Design Standard	API 521/ ASME SEC-8 DIV-1
End connection	THREADED
Available Sizes	1/4", 1/2", 3/4", 1"

FLUID AND STATE	LPG	PROPANE	AMMONIA	EO
BODY	BS249	BS249	SS	SS
BONNET	BRASS	BRASS	SS	SS
SPRING	SS	SS	SS	SS
SEAL	NEOPRENE	NEOPRENE	TEFLON	TEFLON
SEAT	BRASS	BRASS	SS	SS
HYDROTEST PRESSURE (PSI)	450 PSI	450 PSI	750 PSI	750 PSI
SET PRESSURE (BAR)	14.5	22	23	8

- Available in different set pressure as per requirement.

Self Closing Valve

Tech Spec



Description

These valves are specifically engineered to use with the pressure relief valve for above-ground domestic and small industrial bulk LPG containers. When installed alongside a self closing valve (an isolation valve), they enable the replacement of the pop action valve without the need to empty the container.

Key Features

- The self-closing valve automatically shuts off when the pop-action valve is taken out.
- Self closing valve has generous flow channels with a low pressure drop for optimum performance.

Key Benefits

- Available in a variety of materials of construction.
- Peace of mind.

The Best Use For

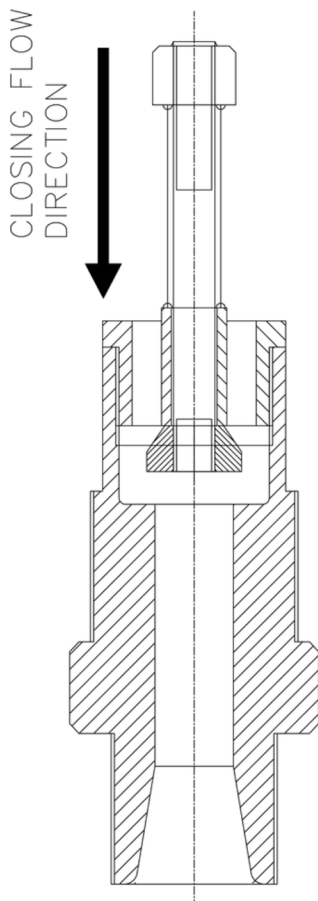
- Extremely important equipment for clients dealing with pressurized system
- When disconnected from the Pop Action Valve, the tank becomes isolated.

Design Standard	API 521/ SEC-XIII
End connection	THREADED
Available Sizes	TANK CONNECTION: 1 1/4" NPT

Threaded Type

(Excess Flow Check Valves)

Tech Spec



Description

Designed primarily to control the flow of LP-Gas and anhydrous ammonia for liquid withdrawal; vapor transfer or vapor equalization of bobtail delivery trucks, transports, stationary storage tanks, and in-line installations.

Key Features

- May be installed in full and half couplings.
- Precision machined.
- Incorporates a stainless steel spring that guarantees uniform closing flow and prolongs the valve's operational lifespan.

Key Benefits

- Available in Wide range of sizes with threaded connection
- Available in a variety of types to suit the fluid application.
- Our valves are manufactured as per approved drawing, under Third Party inspection.
- Available in a variety of materials of construction.
- Modifications can be done in the material used, closing flow settings & designs as per client specification.

The Best Use For

- Threaded Type Excess flow check valves are highly important for clients operating pressurized systems.
- They are predominantly utilized in the gas and oil industry.
- These valves play a critical role in controlling the flow within a system.
- When the flow exceeds predetermined values, they promptly close the line.
- The primary function of excess flow check valves is to prevent excessive flow within the system.

Certified: PESO, PED

End connection	NPT
Available Sizes	1",1.5", 2", 3"

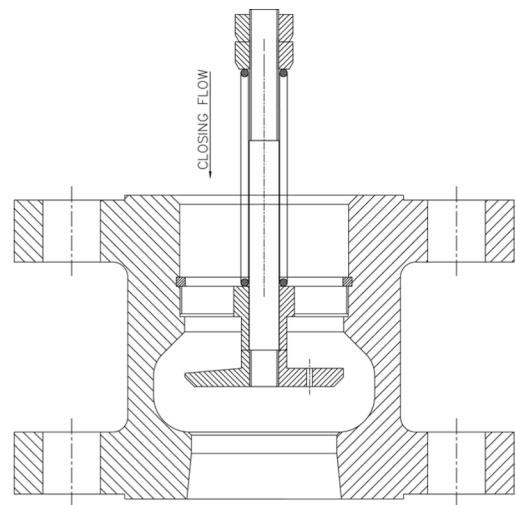
Available Sizes	1",1.5", 2", 3"				
Fluid and State	LPG	PROPANE	AMMONIA	EO	PROPYLENE
Body	BRASS	BS249	SS	SS	BS249
Seat	BRASS	BRASS	SS	SS	SS
Spindle	SS	SS	SS	SS	SS
BONNET	BRASS	BRASS	SS	SS	BRASS
Spring	SS	SS	SS	SS	SS
Hydrotest Pressure	450 PSI	450 PSI	750 PSI	750 PSI	450 PSI

- Offered in various closing flow rates to meet the client specification.

EXCESS FLOW CHECK VALVE

(Flanged Type)

Tech Spec



- Offered in various closing flow rates to meet the client specification.

Description

Designed primarily to control the flow of Industrial fluids for liquid withdrawal; vapor transfer or vapor equalization of bobtail delivery trucks, transports, stationary storage tanks, and in-line installations

Key Features

- Manufactured with precision machining techniques.
- Equipped with a circlip to prevent the loss of spring retainer caused by vibration during operation.
- Incorporates a stainless steel spring that guarantees uniform closing flow and prolongs the valve's operational lifespan.
- Specially designed for flanged end connections, available in various sizes to meet specific requirements.
- Available in both carbon steel and stainless steel variants, offering optimal safety and performance.
- Stainless steel valves are suitable for use in corrosive environments across various industrial applications.
- Features a robust metal body capable of withstanding extreme temperatures.
- High-quality flange valves require minimal maintenance and exhibit exceptional durability, even under heavy usage.

Key Benefits

- Offers a wide range of sizes with flanged connections to cater to diverse needs.
- Provides various types of valves tailored to specific fluid applications.
- Manufactured according to approved drawings and undergoes third-party inspection for quality assurance.
- Available in a variety of materials, allowing for compatibility with different operating conditions.
- Flexibility to modify the material used, closing flow settings, and designs based on client specifications.

The Best Use For

- Excess flow check valves are highly important for clients operating pressurized systems.
- They are predominantly utilized in the gas and oil industry.
- These valves play a critical role in controlling the flow within a system.
- When the flow exceeds predetermined values, they promptly close the line.
- The primary function of excess flow check valves is to prevent excessive flow within the system.

Certified: PESO, PED

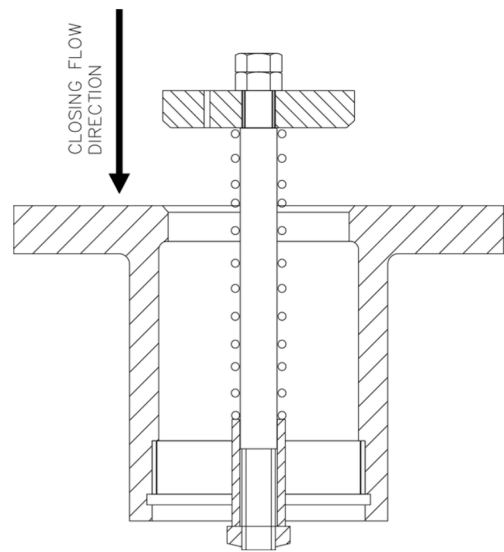
Design Standard	EN-12516-1, EN13175
End connection	FLANGED (ASME B16.5)
Available Sizes	3/4",1",1.5", 2", 3",4",6"

Fluid and State	LPG	PROPANE	AMMONIA	EO
Body	CS	CS	SS	SS
Seat	SS	SS	SS	SS
Spindle	SS	SS	SS	SS
BONNET	SS	SS	SS	SS
Spring	SS	SS	SS	SS
Hydrotest Pressure	1200 PSI	1200 PSI	1200 PSI	1200 PSI

Sandwich Type

(Excess Flow Check Valves)

Tech Spec



- Offered in various closing flow rates to meet the client specification.

Description

Designed primarily to control the flow of Industrial fluids; vapor transfer or vapor equalization of stationary storage tanks, and in-line installations.

Key Features

- Precision machined.
- Circlip helps prevent loss of spring retainer due to vibration in service.
- Stainless steel spring provides consistent closing flow and long service life.
- These valves with are suitable for corrosive environments in a wide range of industrial applications.
- Also, the robust metal body of the valve is capable of withstanding extreme temperatures.

Key Benefits

- Available in Wide range of sizes with mono flange connection.
- Suitable for various fluid application
- Our valves are manufactured as per approved drawing, under Third Party inspection.
- Modifications can be done in the closing flow settings as per client specification.

The Best Use For

- Excess flow check valves are highly important for clients operating pressurized systems.
- They are predominantly utilized in the gas and oil industry.
- These valves play a critical role in controlling the flow within a system.
- When the flow exceeds predetermined values, they promptly close the line.
- The primary function of excess flow check valves is to prevent excessive flow within the system.

Certified: PESO, PED

End connection	MONO FLANGE (SANDWICH TYPE)
----------------	-----------------------------

Fluid	LPG / PROPANE	AMMONIA	EO
Available Sizes	1/2", 3/4", 1", 1.5", 2", 3", 4", 6"		
Body	SS	SS	SS
SS	SS	SS	SS
Spindle	SS	SS	SS
Spring	SS	SS	SS
Hydrotest Pressure	750 PSI	750 PSI	750 PSI

Internal Type

(Excess Flow Check Valves)

Tech Spec



Description

The internal type excess flow check valve (EFCV) is specifically designed for LP-Gas and propane applications, serving as internal valve in road tanker. It offers a hassle-free installation process, fitting seamlessly into both full and half couplings. Additionally, the valve can be manually opened by hand or through a pneumatic actuator.

Key Features

- Manufactured with precision machining techniques.
- Incorporates a stainless steel spring that ensures consistent closing flow and extends the service life of the valve.
- Designed specifically for threaded connections, ensuring a perfect fit within road tanker.
- Features a robust body capable of withstanding extreme temperatures.
- Simple operating lever allows for easy operation.
- Built in excess flow valve
- Return spring forces the valve to the closed position when the lever is released.
- All critical operating components are located in the valve body and inside the container coupling for maximum protection against damage.
- Equipped with fusible element for thermal protection.

Key Benefits

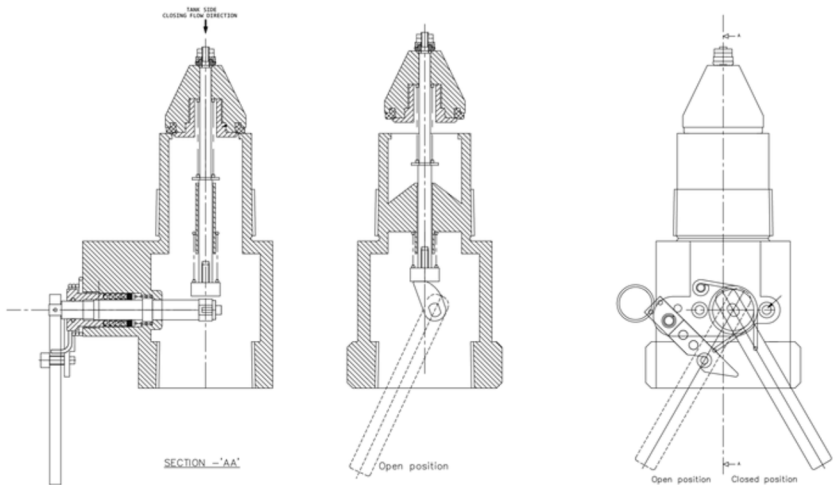
- Available in different sizes to cater to diverse needs.
- Manufactured according to approved drawings and undergoes third-party inspection for quality assurance.
- Flexibility to modify, closing flow settings, based on client specifications.

The Best Use For

- Internal Excess flow check valves are highly important for bobtail road tankers.
- They are predominantly utilized in the gas and oil industry.
- These valves play a critical role in controlling the discharge of the product.
- When the flow exceeds predetermined values, they promptly close the line.
- The primary function of internal excess flow check valves is to prevent excessive flow within the system in the event of breakage or leakage

Certified: PESO, PED

End connection	THREADED			
Fluid and State	LPG / PROPANE			
Available Sizes	1.25"	1.5"	2"	3"
Body	A352 GR. LCB			
Seal	Viton			
Main Spindle	A564TP - 630 (17.4 PH)			
Spider	SS			
Spring	A1S1304			
Hydrotest Pressure	540 PSI			



Single Piece Type

(Ball Valve)

Tech Spec



Description

Leveraging on our in-depth industry experience, we have been able to meet the growing demands of clients in terms of our precision engineered range of Single Piece Ball Valves.

A ball valve is a flow control device. It is open when the ball's hole is in line with the flow inlet and closed when it is pivoted 90-degrees by the valve handle, blocking the flow. The handle lies parallel with the flow when open, and is perpendicular to it when closed, making for easy visual confirmation of the valve's status.

Key Features

- Made of the high-grade material of construction, these are known for their durable finishing and are ideal for all types of shutoff applications.
- Also, we can provide valves with third party inspection agencies.
- They have a solid, cast body which reduces the risk for leakage.

Key Benefits

- Seat leak test is performed for all our ball valves.
- Custom designed valves are also available for clients with specialty configurations.
- Ball Valve requires low maintenance and can be quickly put to use in a quarterly rotation movement.

The Best Use For

- Ball Valves are used for flow and pressure control and shut off for industrial fluids.
- They are used in the oil and natural gas industry, but also find a place in many manufacturing sectors, chemical storage, and even residential uses.
- Air, gaseous, and liquid applications requiring bubble-tight service
- Low-point drains and high-point vents in liquid, gaseous, and other fluid services
- Steam service

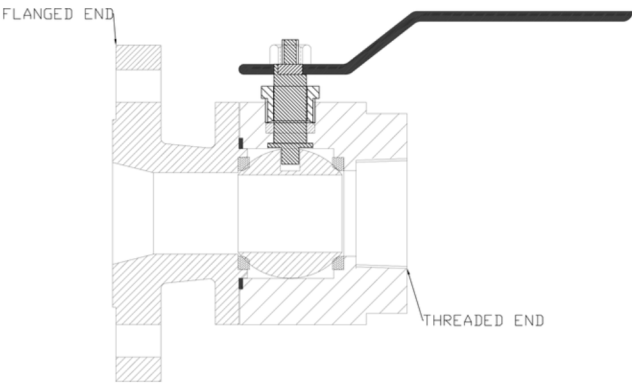
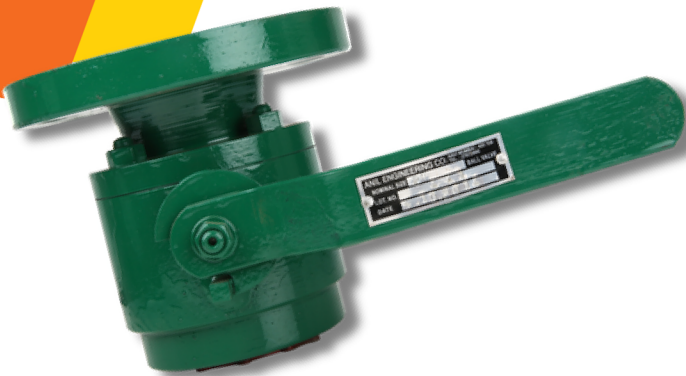
End connection	FLANGED (150# & 300#)
Available Sizes	15NB TO 80NB

TYPE	CS	SS
SS	SS	SS
Gasket	TEFLON	TEFLON
SS	SS	SS
Lever	SS	SS
Ball	SS	SS
Seat	TEFLON	TEFLON

Two Piece Type (Ball Valve) (Threaded x Flange) Tech Spec

Description

Leveraging on our in-depth industry experience, we have been able to meet the growing demands of clients in terms of our precision engineered range of Single Piece Ball Valves. A ball valve is a flow control device. It is open when the ball's hole is in line with the flow inlet and closed when it is pivoted 90-degrees by the valve handle, blocking the flow. The handle lies parallel with the flow when open, and is perpendicular to it when closed, making for easy visual confirmation of the valve's status.



Key Features

- High quality steel is used like Carbon steel and stainless steel to give it a solid structure.
- Available with end connection like Screwed & flanged ends.
- Nominal bore (NB) ranging from NB 25 – NB 50.

Key Benefits

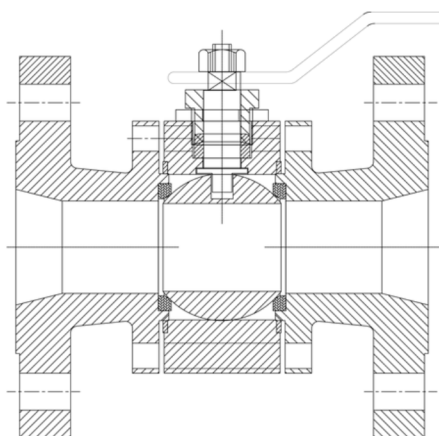
- Seat leak test is performed for all our ball valves.
- Custom designed valves are also available for clients with specialty configurations.
- Ball Valve requires low maintenance and can be quickly put to use in a quarterly rotation movement.

The Best Use For

- Ball Valves are used for flow and pressure control and shut off for corrosive fluids, slurries, normal liquid and gases.
- They are used in the oil and natural gas industry, but also find a place in many manufacturing sectors, chemical storage, and even residential uses.
- Air, gaseous, and liquid applications requiring bubble-tight service
- Low-point drains and high-point vents in liquid, gaseous, and other fluid services
- Instrument root valves
- Cooling water and feed water systems
- Steam service

End connection		THREADED X FLANGE
TYPE	CS	SS
Available Sizes:	1", 1.5", 2"	1", 1.5", 2"
Body	CS	SS
Seat	SS	SS
Internal Body	SS	SS
BALL	AISI 304	AISI 304

Three Piece Type (Ball Valve)



Description

Three-piece ball valves consist of three pieces: two end caps and a body. Ball valves use a ball to turn on or shut off the flow of liquids or gases through a rotational motion. Ball valves use a metal ball with a hole bored through the center, sandwiched between two seats to control flow.

Key Features

- High quality steel is used like Carbon steel and stainless steel to give it a solid structure.
- Available with end connections like Screwed & flanged ends.
- Nominal bore (NB) ranging from NB 15 – NB 100.
- The end caps are typically threaded or flanged type and the main body section can be easily removed for cleaning or repair.
- This can be a very valuable option because it prevents a line shutdown if maintenance in line is required after the ball valve.

Key Benefits

- Seat leak test is performed for all our ball valves.
- Custom designed valves are also available for clients with specialty configurations.
- Ball Valve requires low maintenance and can be quickly put to use in a quarterly rotation movement.

The Best Use For

- Ball Valves are used for flow and pressure control and shut off for industrial fluids.
- They are used in the oil and natural gas industry, but also find a place in many manufacturing sectors, chemical storage, and even residential uses.
- Air, gaseous, and liquid applications requiring bubble-tight service
- Low-point drains and high-point vents in liquid, gaseous, and other fluid services
- Three-piece ball valves are most commonly found in manufacturing facilities and are available in a wide variety of connection types, including:
 - Female National Pipe Taper (FNPT)
 - Socket Weld
 - Flanged End

End connection

FLANGE / THREADED

TYPE	CS	SS
Available Sizes	1/2", 1.5", 2", 3" & 4"	1/2", 1.5", 2", 3" & 4"
Body	CS	SS
Seat	TEFLON	TEFLON
Internals	SS	SS
BALL	SS	SS

RotoGauges

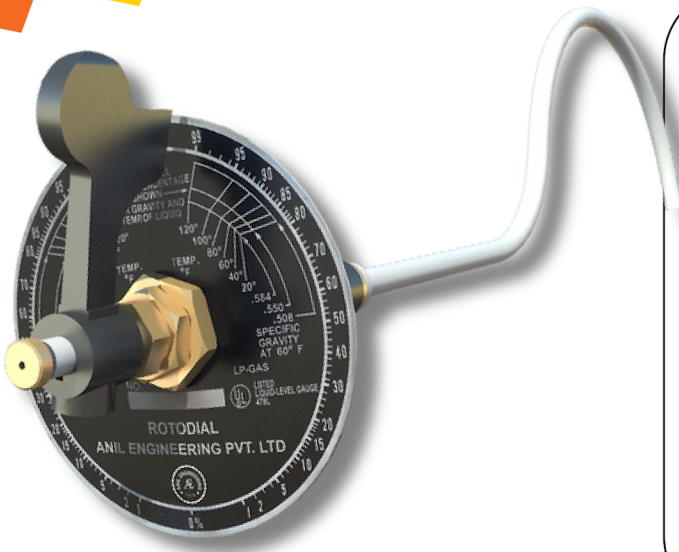
Tech Spec

Description

RotoGauges are designed to determine the level of LPG, Propane in the storage vessel.

This gauges are made using supreme materials by our skilled professionals making it of high strength and rust-resistant.

RotoGauge are available in different tube length to suit tank inside diameter.



Key Features

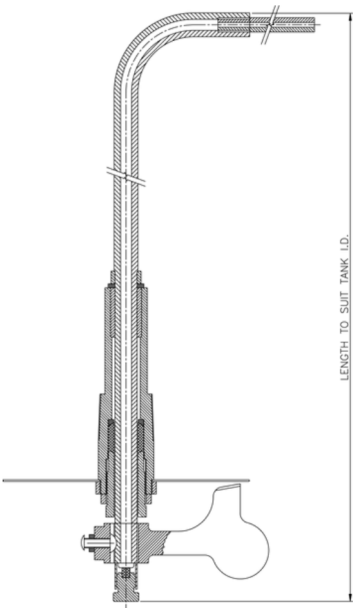
- This RotoGauge can be used on stationary and mobile storage vessels.
- Dial reading is dual calibrated to get the reading with greater accuracy.
- Available in different mounting connection option.
- Dial readings indicate percentage of product in the vessel.

Key Benefits

- Available in different pipe length to suit tank mountings.
- Options Available in threaded mounting connection.

The Best Use For

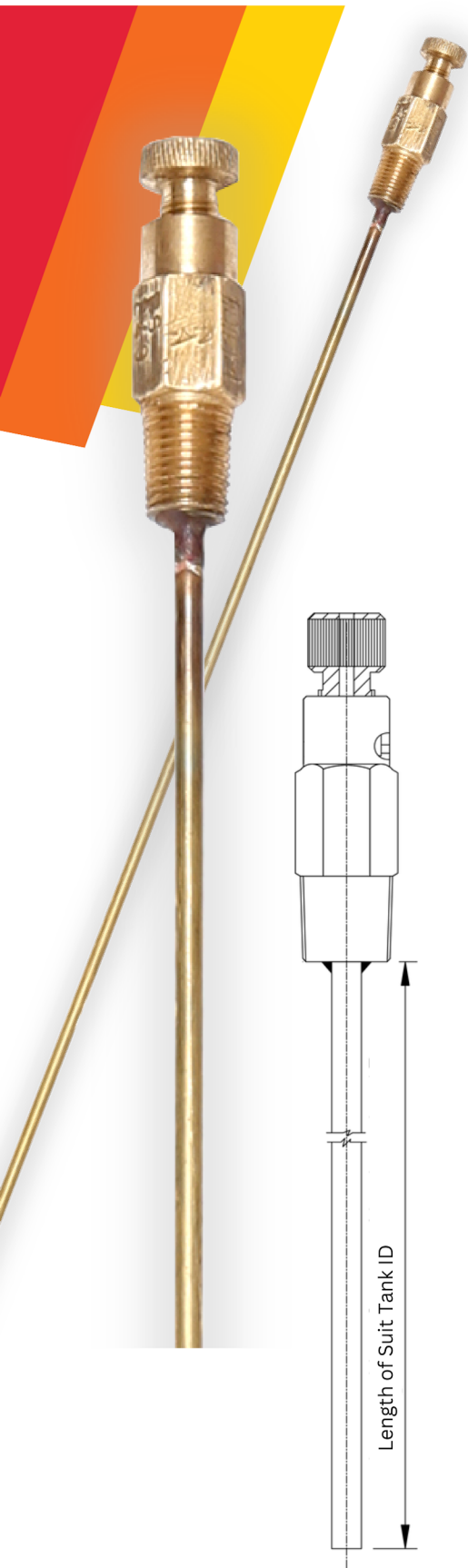
- Extremely important equipment for clients dealing with pressurised system
- Mainly used in Gas & oil industry
- Purpose/used to determine the quantity of product in the vessel.



End connection	THREADED
Available Sizes	1" NPT
Fluid and State	LPG/PROPANE
Body	SS
HANDLE	ALUMINIUM
TUBE	SS
DIAL	SS
SEAL	TEFLON
Hydrotest Pressure (PSI)	450 PSI
Pneumatic test Pressure (PSI)	305 PSI

Fixed Level Gauges

Tech Spec



Description

Fixed Level Gauges are designed to prevent overfilling of LPG, Propane in the storage vessel.

FLG are used to determine that the tanks has reached the maximum allowable fill capacity.

This gauges are made using supreme materials by our skilled professionals making it of high strength and rust-resistant.

Key Features

- This FLC can be used on stationary and mobile storage vessels.
- Tube extension suits the tank ID and limits filling to the required level.
- Available in threaded connection option.

Key Benefits

- Available in 1/4" threaded size.
- Available in a variety of materials of construction.
- Available in different types to suit tank ID.

The Best Use For

- Extremely important equipment for clients dealing with pressurised system
- Mainly used in Gas & oil industry
- Purpose/used to prevent overfilling of the vessel.

End connection	THREADED
Available Sizes	1/4" NPT (M)
Fluid and State	LPG/PROPANE
Body	CS
BLEEDER NUT	BRASS
TUBE	BRASS
SEAL	TEFLON
Pneumatic test Pressure (PSI)	305 PSI

Magnetic Level Gauge

Tech Spec

Description

Magnetic Level Gauge are designed to determine the level of liquid in the mounded and underground storage vessel.

This gauges are made using supreme materials by our skilled professionals making it of high strength and rust-resistant.

Magnetic Level Gauge are available in different size and types to suit client requirements.

Key Features

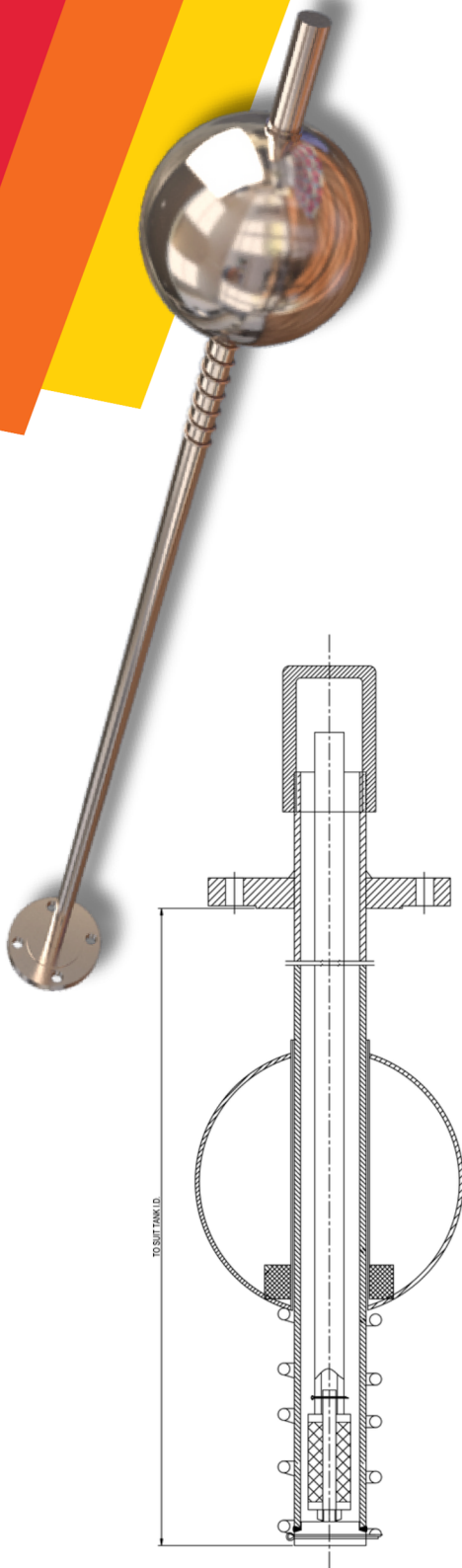
- This Gauge can be used on stationary mounded & underground storage vessels.
- Calibrated to get the reading with greater accuracy.
- Available in different mounting connection option.
- Scale readings indicate level of product in the vessel.

Key Benefits

- Available in wide range of sizes.
- The END connections provided are available in a variety of materials.
- Available in different types to suit tank mountings.
- Options Available in threaded and flange mounting connection.

The Best Use For

- Extremely important equipment for clients dealing with pressurised system
- Mainly used in Gas & oil industry
- Purpose/used to determine the quantity of product in the vessel.

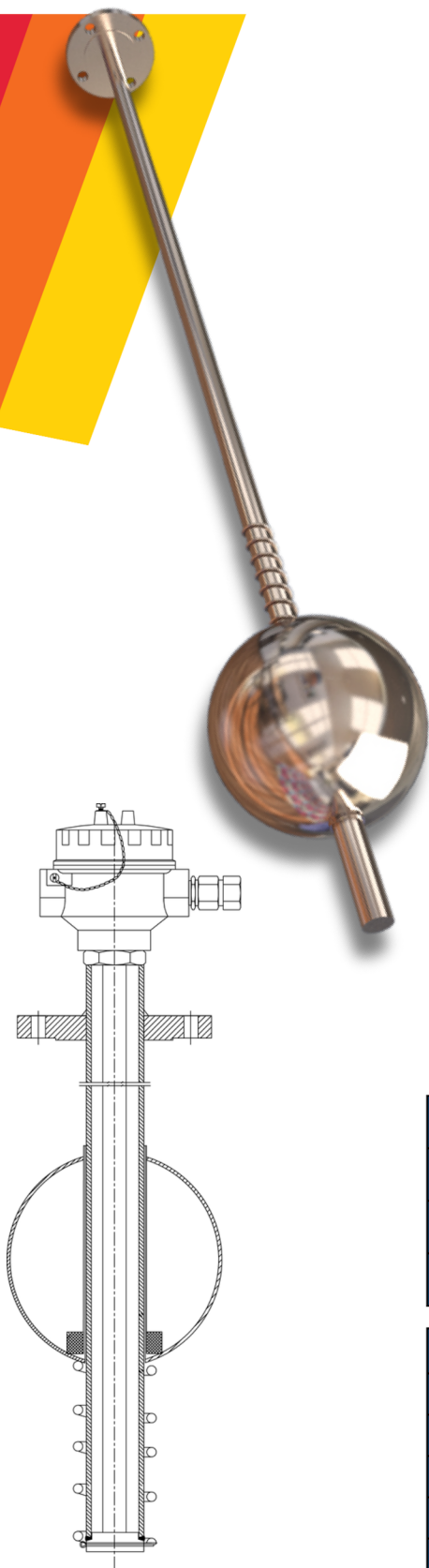


End connection	THREADED, FLANGED
Available Sizes	AS PER CLIENT REQUIREMENT

Fluid and State	LPG/PROPANE	AMMONIA
FLANGE	MS	SS
MAGNET	FERROUS	FERROUS
GUIDE PIPE	SS	SS
FLOAT BALL	SS	SS
SPRING	SS	SS
Hydrotest Pressure (PSI)	250 PSI	250 PSI
Pneumatic test Pressure (PSI)	305 PSI	305 PSI

Digital Magnetic Level Gauge

Tech Spec



Description

Digital Magnetic Level Gauge are designed to determine the level of liquid in the mounded and underground storage vessel.

4-20mA signal is provided for digital level reading.

This gauges are made using supreme materials by our skilled professionals making it of high strength and rust-resistant.

Digital Magnetic Level Gauge are available in different size and types to suit client requirements.

Key Features

- This Gauge can be used on stationary mounded & underground storage vessels.
- Calibrated to get the reading with greater accuracy.
- Available in different mounting connection option.
- Digital readings indicate level of product in the vessel.

Key Benefits

- Available in wide range of sizes.
- The END connections provided are available in a variety of materials.
- Available in different types to suit tank mountings.
- Options Available in threaded and flange mounting connection.

The Best Use For

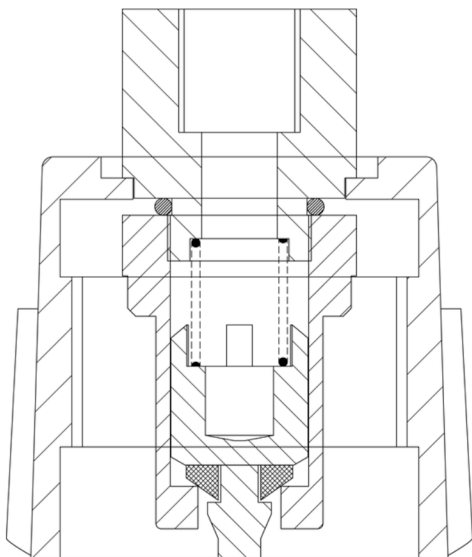
- Extremely important equipment for clients dealing with pressurised system
- Mainly used in Gas & oil industry
- Purpose/used to determine the quantity of product in the vessel.

Input	230 V AC
Output	4-20 mA
End connection	THREADED, FLANGED
Available Sizes	AS PER CLIENT REQUIREMENT

Fluid and State	LPG/PROPANE	AMMONIA
FLANGE	MS	SS
MAGNET	FERROUS	FERROUS
GUIDE PIPE	SS	SS
FLOAT BALL	SS	SS
SPRING	SS	SS
Hydrotest Pressure (PSI)	250 PSI	250 PSI
Pneumatic test Pressure (PSI)	305 PSI	305 PSI

Lot Adaptor

Tech Spec



Description

LOT Adaptor is designed to Withdraw LPG From LOT Cylinder to Manifold By Means of Cylinder Flexible hose.
Anil Engineering's precision in engineering adaptors ensures low maintenance costs and high efficiency

Key Features

- Extremely important equipment for LOT installation
- Prevent Leakage of LPG at The Time of Replacing Cylinders In Manifold

Key Benefits

- LOT adaptor makes sure that the pressure of outlet of LOT adapter is same as cylinder pressure. Minimum Pressure drop between LOT Adapter.
- Minimal maintenance cost.

The Best Use For

- Suitable for Horeca INDUSTRY
- Purpose/used to connect hose with LOT cylinders

DESIGN DETAILS

- DESIGN PRESSURE: 20 BAR
- DESIGN TEMPERATURE: -20°C TO +65°C

End connection	THREADED
Available Sizes	INLET: 1 1/4" x 5 ACME OUTLET: 1/4" , 3/8"
MOC	BRASS

Non Return Valve

Tech Spec



Description

A Non-Return Valve (NRV) is a specialized valve designed to permit fluid flow in a single direction exclusively. The non-return valve serves as a crucial safety component, effectively preventing the risk of accidents and gas leak within LPG distribution systems. It guarantees that gas flows in a unidirectional manner, thereby enhancing the safety measures for individuals handling LPG.

Key Features

- Extremely important equipment for LOT installation
- Prevent Leakage of LPG at The Time of Replacing Cylinders In Manifold
- Prevents reverse flow.

Key Benefits

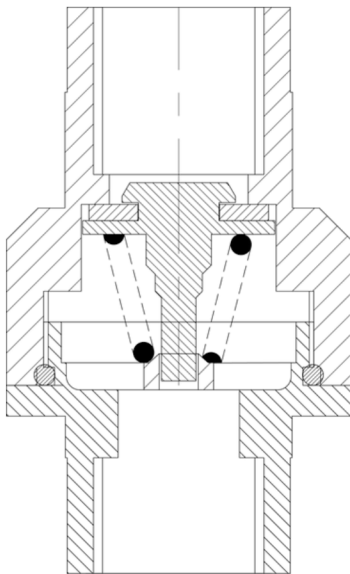
- Non-return valves prevents the reverse flow of gas within a piping system, guaranteeing that the flow remains unidirectional.
- Non-return valves enhance safety by preventing the leakage of LPG in the event of a rupture in the cylinder's flexible hose
- Minimal maintenance cost

The Best Use For

- Suitable for Horeca Industry
- Purpose/used to connect hose with LOT cylinders
- Applications where the flow of fluid needs to be regulated in one direction only.

DESIGN DETAILS

- DESIGN PRESSURE: 25 BAR
- DESIGN TEMPERATURE: -20°C TO +65°C



End connection	THREADED
Available Sizes	INLET: 1/2" BSPF OUTLET: 1/2" BSPF
MOC	BRASS

Filters

Tech Spec

Description

LOT Filters are purpose-built components designed to maintain the purity and safety of LPG (liquefied petroleum gas) in distribution systems.

Anil Engineering's filters serve as essential safeguards, ensuring that the gas remains clean and uncontaminated throughout the transfer process.



Key Features

- It is of utmost importance to install these filters ahead of the regulators in gas trains. This ensures that only clean and dust-free gas enters the regulator. The presence of dust or dirt in the pipeline can lead to regulator malfunctions due to damage to the regulator seat and rubber sealing pad.

Key Benefits

- Suitable for Horeca Industry
- Ideal for maintaining the purity of LPG throughout the distribution process.
- Engineered to prevent impurities to enter the regulator.
- Minimal maintenance requirements, ensuring long-term cost-effectiveness.

The Best Use For

- LPG GAS TRAINS

DESIGN DETAILS

- DESIGN PRESSURE: 20 BAR
- DESIGN TEMPERATURE: -20°C TO +65°C

End connection	THREADED
Available Sizes	1" BSP-F
MOC	CS

Regulators (High Flow Rates)

Tech Spec



Description

REG-0203 Pressure Regulator is a direct operated spring loaded type regulator. These regulators are suitable for Natural Gas, LPG, Air & similar applications.

Key Features

When downstream demand decreases, pressure under the diaphragm increases. This pressure overcomes regulator setting which is set by a spring. This results in movement of pad holding assembly towards seat to minimize gas flow area. If the demand of downstream increases, pressure under the diaphragm decreases, spring force pushes the diaphragm lever assembly downwards which results in movement of pad holding assembly away from the seat to increase the gas flow area.

Key Benefits

- These regulators offer an extended outlet pressure range.
- You can conveniently adjust the outlet pressure by turning the spring adjusting screw knob.
- Turning the knob counterclockwise decreases the outlet pressure, while turning it clockwise increases the outlet pressure.

The Best Use For

- These regulators are primarily used as the first stage regulator in LPG/Natural gas pressure reduction systems.

Valve Body	Cast Iron
Bonnet	Aluminium
Seat	Brass
Pad	Nitrile Rubber
Diaphragm	Nitrile Rubber
Operating Temp.	0-60°C
Surface Treatment	Powder Coating
Inlet Connection	1" BSP (F) / Flanged
Outlet Connection	1" BSP (F) / Flanged

SPRING RANGES		
Inlet Pressure	Outlet Pressure	Spring Colour
0-17 bar	0-1 kg/cm2	Grey
	0-2 kg/cm2	Yellow
	0-5 kg/cm2	Red

Regulators (Low & Medium Flow Rate)

Tech Spec

Description

REG-0201 Pressure Regulator is a direct operated spring loaded type regulator. These regulators are suitable for Natural Gas, LPG, Air & similar applications.

Key Features

When downstream demand decreases, pressure under the diaphragm increases. This pressure overcomes regulator setting which is set by a spring. This results in movement of pad holding assembly towards seat to minimize gas flow area. If the demand of downstream increases, pressure under the diaphragm decreases, spring force pushes the diaphragm lever assembly downwards which results in movement of pad holding assembly away from the seat to increase the gas flow area.

Key Benefits

- These regulators come with a preset outlet pressure. Nevertheless, the outlet pressure can be fine-tuned to some extent by rotating the spring adjusting screw.
- Turning the knob counterclockwise decreases the outlet pressure, while turning it clockwise increases the outlet pressure.

The Best Use For

- These regulators are appropriate for HORECA (Hotel, Restaurant, and Cafe) establishments and small industrial furnaces.



Valve Body	Aluminium
Bonnet	Aluminium
Seat	Brass
Pad	Nitrile Rubber
Diaphragm	Nitrile Rubber
Operating Temp.	0-60°C
Surface Treatment	Powder Coating
Inlet Connection	21.8 x 14 TPI-LH (F)
Outlet Connection	1/2" BSP (F)

SPRING RANGES		
Inlet Pressure	Outlet Pressure	Spring Colour
0-17 bar	0-300 mm WC/12" WC	Grey
	0-200 mbar/200 mm WC	Yellow
	0-1 bar / 15 PSI	Red

Anil Vane Pumps

Tech Spec



Description

“ANIL VANE PUMP” is a positive Displacement pump especially designed for transferring. highly compressible and liquefiable gases. It meets the stringent requirements of safety for use with gases such as LPG, Ammonia and others. The design takes into consideration non-sparking characteristics required for handling highly inflammable liquids with low flash point, low temperature characteristics up to -32°C and flammability problems due to leakage.

Safety features

- Minimum moving parts
- Built-in by-pass arrangement to control delivery pressure.
- Short shaft well supported by heavy duty bearing, assuring vibration free operation and long life.
- Precision machined components to guarantee high volumetric efficiency and quiet operation.

Key Benefits

- Easy installation
- Compact and light weight
- The pump casing and rotor are constructed of high strength material, leads to low maintenance cost.

Best Use For

- mainly used in oil and gas industries
- suitable for cylinder and bulk filling applications
- used for large loading and unloading applications

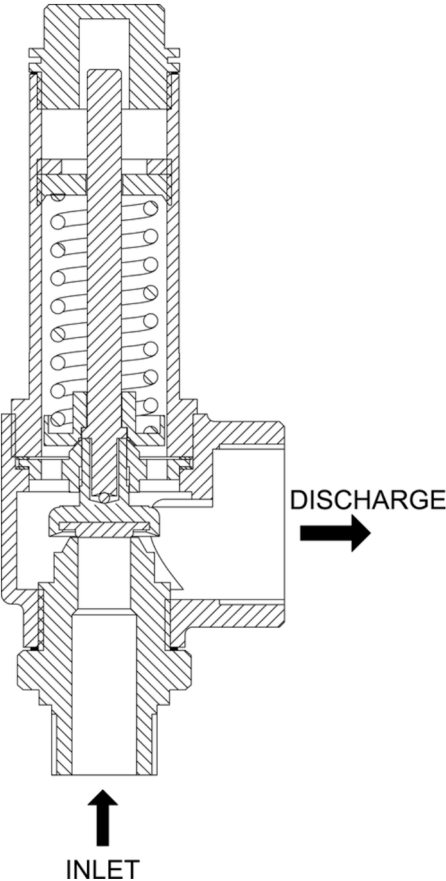
PERFORMANCE DATA

- Capacity - Upto 400 LPM.
- Differential Pressure - 7 Kg/cm² (Max)
- Max. Working Pressure - 7 Kg/cm² (Max)
- Temperature Range : -32° C to 60° C

MODEL	BOOSTER	55P	58P
CAPACITY(LPM)	70-100	200	400
FLUID HANDLED	LPG/PROPANE/AMMONIA	LPG/PROPANE/AMMONIA	LPG/PROPANE/AMMONIA
MOTOR(HP)	3	3 / 5 / 7.5	5 / 7.5 / 10
BYPASS SETTING(KG/SQ.CM)	4	7	7
VANE	CARBON/HYLUM/GFT	CARBON/HYLUM/GFT	CARBON/HYLUM/GFT
O' RINGS	NEOPRENE/TEFLON	NEOPRENE/TEFLON	NEOPRENE/TEFLON
BODY	CS	CS	CS
INLET	1 1/2" X 150#	2" X 300#	2" X 300#
OUTLET	1" X 150#	2" X 300#	2" X 300#
DIMENSIONS M	0.5 x 1.01 x 0.5	0.5 x 1.01 x 0.6	0.5 x 1.01 x 0.75
WEIGHT KG	120	150	170

CRYO Safety Relief Valves

Tech Spec



Description

Anil Engineering's CRYO Safety Relief Valves have a wide application on all types of cryogenic storage tanks and cylinders. They gradually release the pressure when it exceeds the set limit and are critical in industrial applications with their fail-safe mechanism. They are ideal to relieve excess pressure and are used to protect any enclosed pressurized system.

Key Features

- Wide applications on all types of cryogenic storage tank and cylinder.
- Releases the pressure gradually when the pressure exceeds the set limit.
- Well-designed 90° Angle type safety relief valves ensure safety in critical industrial applications with their fail-safe mechanism.
- Precision in the engineering of these valves leads to low maintenance costs.

Key Benefits

- Available with variety of set pressure as per the requirement
- Available in supreme materials of construction.
- Available in different types to suit tank mountings, or pipeline fitting.
- Sizes covered by our manufacturing range are 1/2" (15 nb) to 2" (50 nb)
- Temperature range -196°C to +150°C

The Best Use For

- Extremely important equipment for clients dealing with pressurised system
- Mainly used in Gas & oil industry
- Purpose/used to control or limit the pressure in a system.
- This type of valve is ideal to relieve excess pressure.
- safety relief valves are mostly used to protect any enclosed pressurized system.

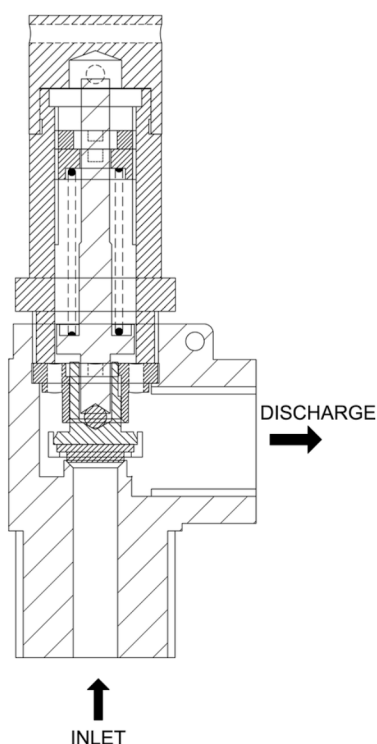
Certified: PESO, PED

End connection	THREADED				
Available Sizes Inlet	15NB	20NB,	25NB,	32NB	40NB, 50NB
Available Sizes Outlet	25NB	25NB	32NB	50NB	50NB

Fluid and State	CRYOGENIC SERVICE
Body	SS
Bonnet	SS
Spring	SS
Seal	PTFE/PCTFE CARBON FILLED 25%
BALL	SS
Nozzle	SS
Seat Guide	SS
Hydrotest Pressure (PSI)	1200 PSI
Set Pressure (Bar)	2-50 BAR

CRYO Thermal Relief valves / Side Discharge Pop Action Valve

Tech Spec



Description

The AEPL make CRYO relief valves are designed for industrial gases & for vapor cryogenic services.

Specifically designed for pipeline, liquid cylinders, & mini cryogenic liquid containers.

Can be used for all oxygen, nitrogen, helium, argon, LNG & CO₂.

Sizes available at AEPL range from 1/4" (8 nb) to 1/2" (15 nb).

Key Features

- Cleaned and packed for oxygen service.
- 100% factory tested.
- Available in Brass & SS materials.
- Well designed to ensure safety in critical industrial application.
- Precision in the engineering of these valves leads to low maintenance cost.
- Rated for vapor service only.
- Labels provided which clearly indicates set pressure

Key Benefits

- Available with different set pressure as per client requirement.
- Available in different standard sizes
- Available with variety of material of construction based on application.

The Best Use For

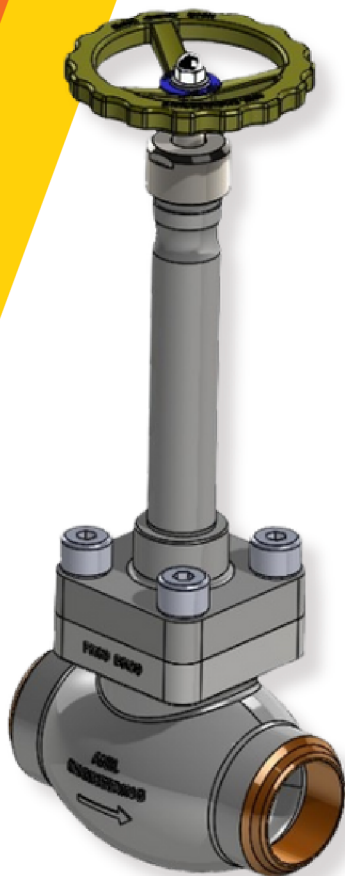
- Extremely important equipment for clients dealing with pressurised system
- Mainly used in Gas & oil industry
- Purpose/used to control or limit the pressure in a system.
- This type of valve is ideal to relieve excess pressure.
- Cryo TRV are mostly used to protect any enclosed Cryogenic system.

End connection	MALE THREADED
Available Sizes	1/4", 3/8" & 1/2"

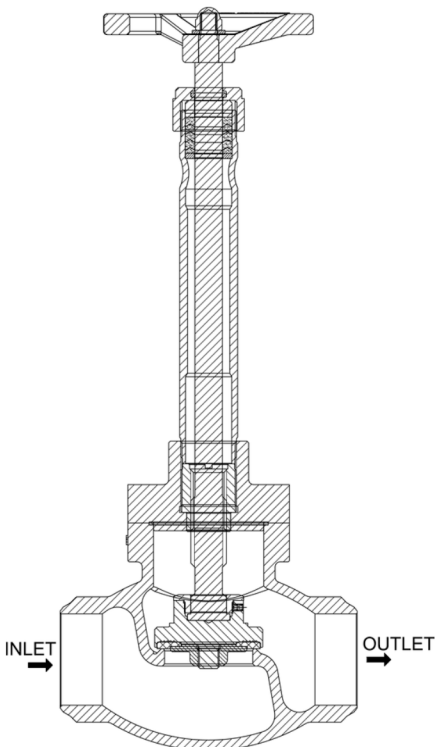
VALVE TYPE	BRASS TYPE	STAINLESS STEEL TYPE
Body	BRASS	SS
SEAT RETAINER	BRASS	SS
Spring	SS	SS
SEAL	PTFE/PCTFE CARBON FILLED 25%	PTFE/PCTFE CARBON FILLED 25%
SPRING RETAINER	BRASS	SS
Hydrotest Pressure (PSI)	450 PSI	900 PSI
Set Pressure (Bar)	1-40 BAR	

Globe Valve

Tech Spec



3D rendered image
for Reference



Description

The AEPL make Cryo globe valves are used in storage tanks and containers for cryogenic liquid and gases, including LNG. These valves help regulate the flow, pressure, and isolation of cryogenic fluids during storage and transportation. Specifically designed for pipeline, liquid cylinders, bulk storage tanks & ISO containers. Sizes available at AEPL range from 1/5" (15 nb) to 1.5" (40 nb).

Key Features

- Cleaned and packed for oxygen service.
- 100% factory tested.
- Available in SS materials.
- Well designed to ensure safety in critical industrial application.
- Precision in the engineering of these valves leads to low maintenance cost.
- Bubble tight seal ensures no debris trapped in the seat makes it longer service life

Key Benefits

- Available in different inlet & outlet standard sizes
- Available with variety of material of construction based on application.
- Availabe with long and short stem options.

The Best Use For

- Extremely important equipment for clients dealing with cryogenic system
- Mainly used in Gas & oil industry
- Purpose/used to control the flow in cryogenic service system.
- Temperature rating- -196°C to +120°C

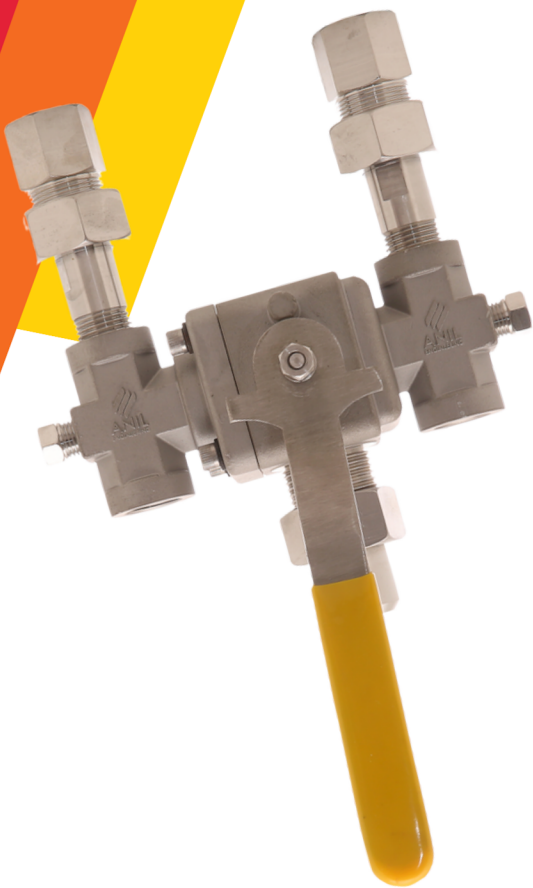
End connection	FEMALE THREADED / BUTT WELD / SOCKET WELD
Available Sizes	15NB TO 50NB
Body	SS
BONNET	SS
SEAL	CFT
STEM	STAINLESS STEEL
HAND WHEEL	ALUMINIUM ALLOY
Hydrotest Pressure (PSI)	750 PSI

Flow Diverter Valve

Tech Spec

Description

AEPL make Cryogenic flow diverter valves are used to enable the isolation of the pressure relief valve for maintenance or repairs. When the pressure relief valve needs to be taken out of service, the diverter valve can be closed to redirect the flow of the system, allowing the pressure relief valve to be safely removed without interrupting the operation of the cryogenic system. This ensures that maintenance activities can be performed efficiently and without compromising the safety of the system



Key Features

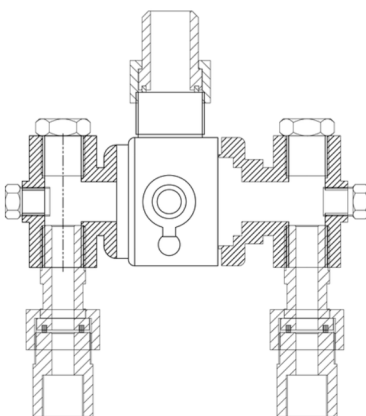
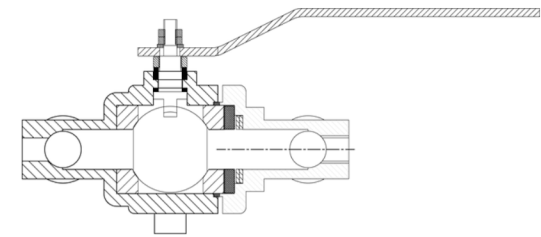
- Cleaned and packed for oxygen service.
- 100% factory tested.
- Available in SS materials.
- Well designed to ensure safety in critical industrial application.
- Precision in the engineering of these valves leads to low maintenance cost.
- Bubble tight seal ensures no debris trapped in the seat makes it longer service life

Key Benefits

- Available in standard size
- Available with variety of material of construction based on application.

The Best Use For

- Extremely important equipment for clients dealing with cryogenic system
- Used for isolation of relief valves
- Mainly used in Gas & oil industry
- Purpose/used to control the flow in cryogenic service system.
- Temperature rating- -196°C to +120°C
- Pressure rating- PN50

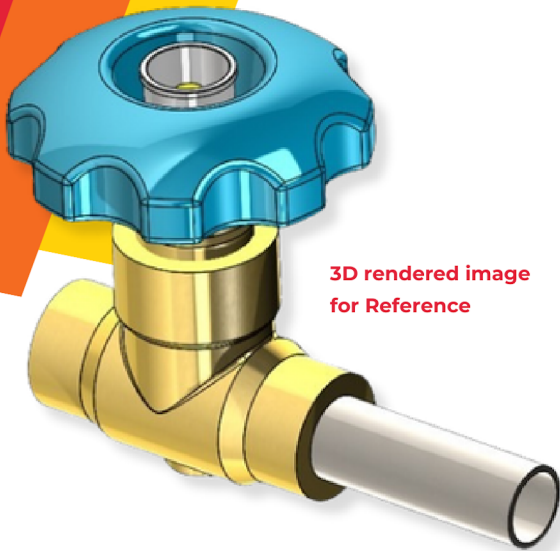


End connection	THREADED
Available Sizes	1" (M) x 1/2" (F)

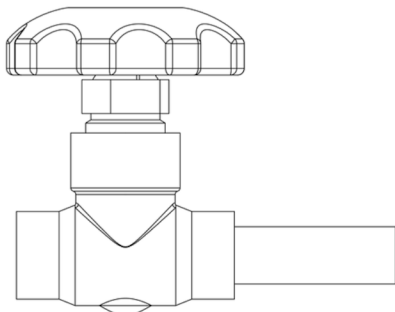
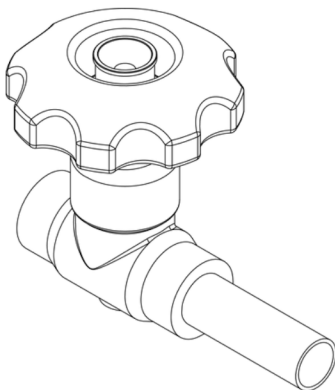
Body	A351 CF8
GASKET	TEFLON
SEAL	TEFLON
BALL	SS
HANDLE	SS
Hydrotest Pressure (PSI)	1200 PSI

Shutoff Vavle

Tech Spec



3D rendered image
for Reference



Description

AEPL make shut off valves are used to enable the isolation of lines, these valves are used in liquid cylinders and in pipeline for shut off applications

Key Features

- Cleaned and packed for oxygen service.
- 100% factory tested.
- Available in brass materials.
- Well designed to ensure safety in critical industrial application.

Key Benefits

- Available in standard size
- Available with variety of material of construction based on application.
- Availabe with long and short stem options.

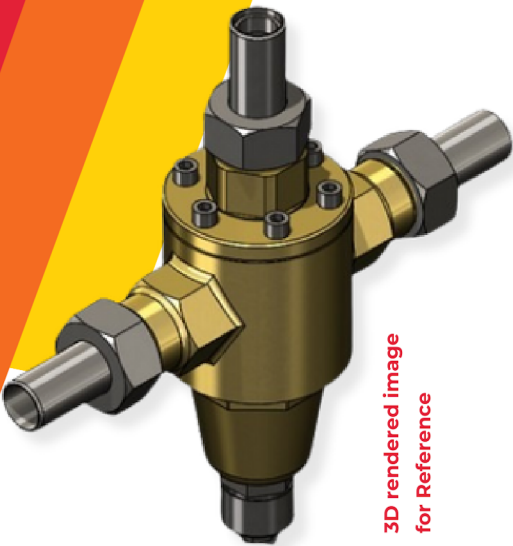
The Best Use For

- Extremely important equipment for clients dealing with cryogenic system
- Used for shut off the pipe lines.
- Mainly used in Gas & oil industry
- Purpose/used to control the flow in cryogenic service system.
- Temperature rating- -196°C to +72°C

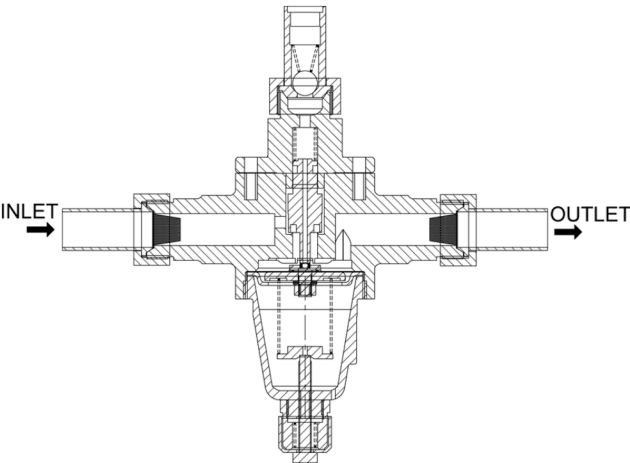
End connection	THREADED
Available Sizes	1/4" , 3/8" & 1/2"
Body	Brass
BONNET	Brass
SEAL	PTFE/PCTFE
HAND WHEEL	Aluminium
Spring	SS

PBU / PBE Regulator

Tech Spec



3D rendered image
for Reference



Description

The AEPL make cryo regulator is a pressure building/economizer valve that operates fully automatically designed specifically for cryogenic liquid system. It features a non-adjustable fixed-set-point economizer. AN INDICATING ADJUSTMENT SCREW PROVIDES AN EASY FIELD ADJUSTMENT REFERENCE.

Key Features

- This valve is equipped with bullnose tube connections that include a check valve to prevent backflow into the economizer.
- Adjustment screw is provided for easy field adjustment reference.
- Mesh are installed in both the inlet and outlet ports to safeguard downstream components by preventing debris from entering and causing damage.

Key Benefits

- The economizer set pressure is fixed. The economizer will begin to open between approximately 8-11 psi above the pressure build set point.

The Best Use For

- Extremely important equipment for clients dealing with cryogenic system
- Used for maintaining pressure in the system
- Mainly used in Gas & oil industry
- Purpose/used to control the flow in cryogenic service system.
- Temperature rating- -196°C to +66°C

End connection	bull nose connection
Available Sizes	3/8" & 1/2"
Body	FORGED BRASS
BULL NOSE	SS
SEAL	PTFE
SPRING	SS
DIAPHRAGM	PHOSPHOR BRONZE
Max. Inlet Pressure (Bar)	45
Set Pressure Range (Bar)	0-40

LNG PUMP

Tech Spec



FLUID (Liquid):	Liquified Natural Gas (LNG)
FLUID DENSITY:	425 Kg/m3
RATED FLOW:	15m3/h
ROTATION SPEED:	5640rpm
RATED HEAD:	300m
NUMBER OF STAGES:	3
NAME PLATE POWER:	15KW
RATED FREQUENCY:	99hz
RATED CURRENT:	30A

LNG PUMP SKID

Tech Spec

The LNG Pump Skid is an all-in-one solution for efficient and safe LNG fuel transfer, perfectly suited for both split skid-mounted and integrated LNG station buildings. This skid system combines a cryogenic submersible pump, carburetor module, and advanced control mechanisms into a single, compact unit, streamlining the LNG filling process.



Key Features

- **Integrated Skid Design:** Incorporates submersible pumps, pump tank, carburetor module, and control valves in one unit.
- **Modular Carburetor:** Features an unloading turbocharger, saturation heater adjustment, and EAG heater.
- **Comprehensive Instrumentation:** Equipped with temperature and pressure transmitters, gas sensors, and a lighting system.
- **PLC Control System:** Ensures automated and precise control of the entire LNG station process.

Key Benefits

- **High Integration:** Simplifies installation with its integrated design, reducing setup time and complexity.
- **Rapid and Secure LNG Transfer:** Ensures fast and safe fuel transfer, crucial for high-demand environments.
- **Energy-Efficient Operation:** Vacuum pipe design minimizes energy usage, leading to cost savings.
- **Versatile Functionality:** Capable of handling various processes including unloading, refueling, and EAG efficiently.

The Best Use For

- **Split Skid-Mounted LNG Stations:** Ideal for stations requiring a compact and separate skid system.
- **Integrated LNG Station Buildings:** Perfectly fits within integrated station architectures, providing a complete solution.
- **High-Demand Fueling Environments:** Suitable for locations needing quick and reliable LNG refueling capabilities.

Safety Features

- **Industry-Standard Fittings:** Utilizes a 3" Brass CGA fitting for secure offload connections.
- **Automated Control:** The PLC system monitors and controls operations, reducing the risk of human error.
- **Built-in Safety Sensors:** Gas sensors and safety valves prevent hazards related to pressure and gas leakage.
- **Robust Construction:** Designed to withstand extreme temperatures and conditions associated with LNG handling.

PARAMETER	INNER VESSEL	JACKET
DESIGN PRESSURE	19.2 Bar	(-1 Bar)
TEST PRESSURE	22.2 Bar	-
MAWP	16 Bar	(-1 Bar)
DESIGN TEMPERATURE	(-196)°C	50°C
MEDIUM	LNG	Al. Foil Sheet
MATERIAL	S30408	S30408

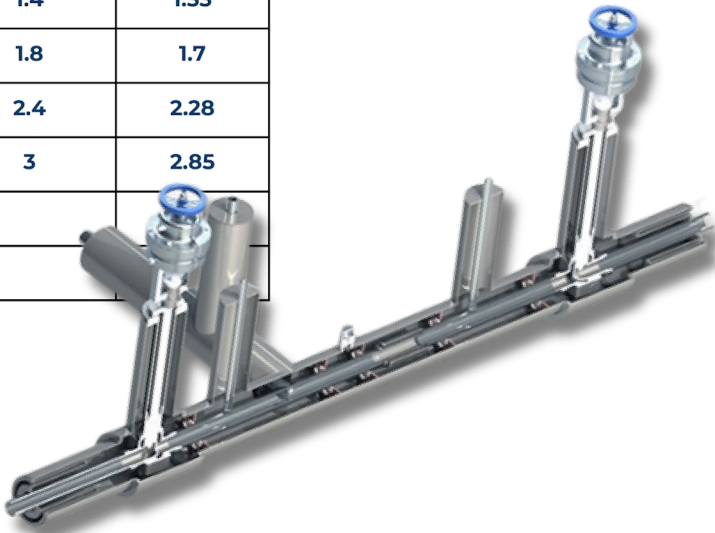
SUPER INSULATED VACUUM JACKETED LINE

Tech Spec



FEATURES	BENEFITS
Double Walled Construction	Lowest Heat Inleak
Factory Sealed Vacuum Sections	Vacuum Integrity To 20 Years
Prefabricated	Easy Shipping and Installation
Vacuum Insulation	Maximum Liquid Preservation
Minimal Cryogenic Liquid Loss	Lower Ultimate Gas Costs
Series 304 Stainless Steel Fabrication	Maximum Service Life
Bayonet Design Options	Easy Installation
Standard Pipe Hangers	Low Install/Maintenance Cost
Helium Mass Spectrometer Leak-Testing	Vacuum Integrity
Modular Construction	Ease Of Expansion/Modification
Internal Liquid Traps	Prevents Boil-Off
Vacuum Jacketed Valves	Branch and Equipment Isolation
Flexible Piping Options	Thermal Contraction/Simple Installation

LINE SIZE	OUTER JACKET	RIGID LINE		FLEXIBLE HOSE	
		Heat In-leak BTU/HR/FT	Heat In-leak W/m	Heat In-leak BTU/HR/FT	Heat In-leak W/m
1/2"NB	2 1/2" NB	0.4	0.38	1	0.95
3/4" NB	2 1/2" NB	0.45	0.43	1.2	1.14
1" NB	2 1/2" NB	0.5	0.48	1.4	1.33
1 1/2" NB	3" NB	0.6	0.57	1.8	1.7
2" NB	4" NB	0.8	0.76	2.4	2.28
3" NB	8" NB	1	0.95	3	2.85
4" NB	10" NB	1.25	1.19		
6" NB	10" NB	1.7	1.62		



Anil Engineering is a well-established ISO 9001:2015 Certified Company renowned for quality storage tanks, cryogenic tanks, LPG vaporizer, and LPG safety fittings, which have gained popularity with customers for their accurate design, and optimum performance. Backed by 52 years of expertise and experience, the business is now at the forefront of innovation and research to meet the demanding and evolving gas storage needs of global customers.

The dynamic duo Mr. V. Sudarshan Chandrasekhar, Managing Director and Mrs. Dhivya Sriram, Director have infused the business with renewed energy and set new benchmarks for success and prosperity. Anil Engineering is the first manufacturer of LPG and other pressurized gas storage safety equipment companies in India with an exceptional product range.



Our Global Presence

PAN India | **GCC** - Dubai, Sharjah , Oman | **East Africa** - Kenya, Tanzania
West Africa - Nigeria | **Indian Subcontinent** - Nepal, Bangladesh, Sri Lanka
South East Asia - Philippines, Singapore, Indonesia | **Latin America** - Brazil

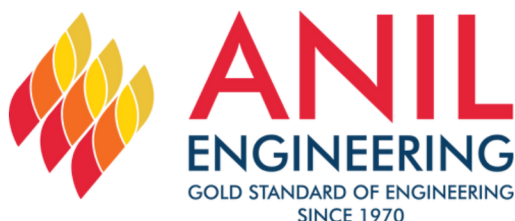
Navi Mumbai

W-138, TTC Industrial Area, MIDC Pawane, Thane Belapur Road, Navi Mumbai - 400 710.

Dubai Office

Office Number 223, Second Floor One UAQ Building, Umm Al Quwain Free Trade Zone, Al Barqaa, Umm Al Quwain, U.A.E.

For Sale Enquiries : +91 93249 07757 | Tel : 022 2767 2890
Email : sales@aeplglobe.com | www.anil-engineering.com



Scan to Connect with us.

