

## Our Valuable Clients

Hindustan Petroleum Corporation Ltd.  
Bharat Petroleum Corporation Ltd.  
Indian Oil Corporation Ltd.  
Honeywell Automation India Limited.  
Advanced Systek Pvt. Ltd.  
( Formerly Denial Measurement & Control.)  
Chemtrols Industries Ltd.  
Thermax Ltd.  
Areva T & D.  
Liquid Controls India Pvt. Ltd.  
(Group of I-DEX Corporation)  
Asta Inc. (USA)  
Gulbradsen Chemical Inc. (USA)  
T D Williamson.  
Welspun Gujarat Ltd.  
Banko Products india Ltd.

## Support

whether you are an OEM or responsible for optimizing the daily maintenance , repair, and operation of your facility, you can contact us for support with technical details, product selection, and equipment design.

Contact Cryogenic Liquid for details  
Visit our website at [www.cryogenicliquide.com](http://www.cryogenicliquide.com).

**Cryogenic**  
Liquid

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Solution for Metering, Dosing, Blending & Terminal Automation



**Cryogenic**  
Liquid

## Intodaction

M/S CRYOGENIC LIQUIDE a self made engineering company established in 2003 & located at G.I.D.C.POR Baroda , Gujarat .manufactures wide range of products for different sectors of the market like Energy , Oil and Gas , Power , Chemical, Automobile industry.

We develop and manufacture equipments that are consistent in quality and designed as per customers specifications/requirements.

We are highly experienced, qualified , reliable and resourceful team of engineers working in this field for last seven years . we have credit , a track record of giving quality work within stipulated time frame as specified by customer.

We have worked with third party inspection agencies like

MECON , PDIL , JACOB H & G , DNV , BVIS , SGS , IRS , LLOYDS. ETC

We introduce ourselves, Cryogenic Liquide, as a self made engineering company.

- Additive dosing skid (for MS & HSD).
- Blue die dosing Skid (For SKO),
- Marker dosing Skid
- Odoriser Injection Skid (For LPG)
- Friction Buster & Die Injection Skid (For MS),
- Lubricity additive & Cetane Improver Skid ( For HSD)
- Additive Injection Panel.
- Gas Metering Skid.
- LPG Metering Skid.
- Basket Strainer.
- Basket Strainer Cum air Eliminator.
- Pig launcher and Receivers.
- Turbine flow Straightener.
- Sr. Orifice and USM meter run as per AGA standard.
- Air Receiver.
- Condensing Pot.
- Header.



## Basket Strainer



Cryogenic offers Basket type strainers for variety of installations and conditions and designed for straining and filtering of wide variety of fluids.

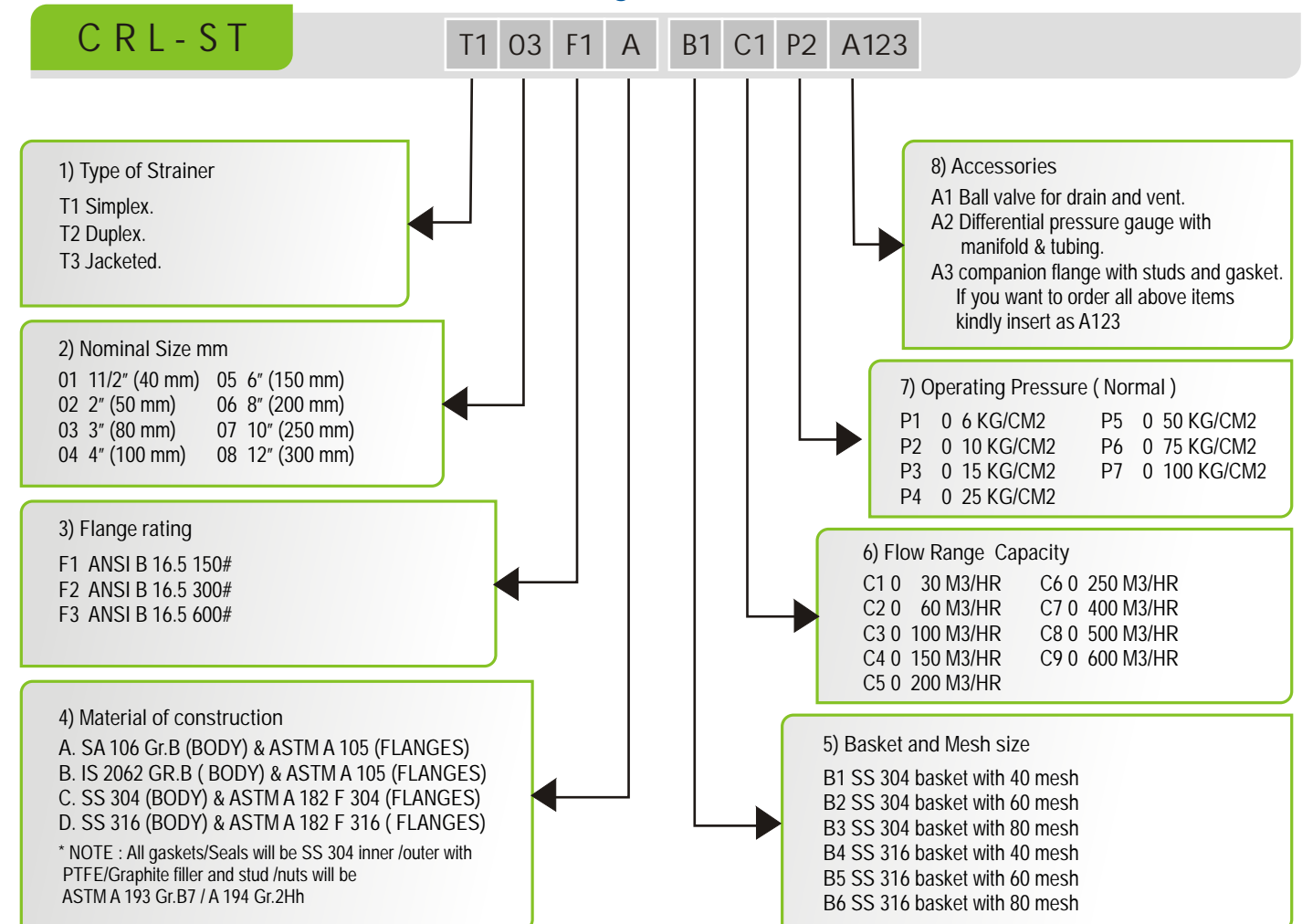
As unfiltered liquid enters the strainer will directly passes through basket in which almost all impurities trapped into the basket and only clean liquid will pass through the outlet of strainer. Advanced dynamic flow and large filtration area elements ensure low pressure drops and reduce maintenance period. Also it is designed such that it will not allow any by-passing of the liquid without filtration as basket is prevented by "O" Ring seal between basket flange and strainer internal flange. as well as retain position of basket even in case of reverse flow.

Basket strainers are normally installed before the measuring devices like Positive displacement meter or turbine meter which increases accuracy of the measuring devices.

We offer basket type strainers from 11/2" to 16" size with flow range up to 800 m3/hr for pressure range up to 200 bar & design as per ASME Section VIII div I latest edition. we also offer duplex and jacketed type strainers.

We have credit of supplying a more than 200 units by 2009

## Ordering Information



## Prover Tank



Cryogenic offers Prover tank of capacity 50 ltrs to 5000 ltrs with variety of material of construction and designed as per IS 2341 code under the certification of weights and measures.

We offer stationary as well as mobile prover tanks for use in checking commercial bulk measures, vehical tanks, Bulk meters etc. these are all made with same accuracy and quality as the smaller test measures. This provers are easy to use, reliable, and low cost way to measure the output accuracy of liquid metering equipment.

For oil companies it is necessary to concern fairness and accuracy when liquids are sold ,so after necessary time frame it is required to calibrate measuring devices. Hence this prover tanks are portable in nature and prove the accuracy of measuring devices on site.

## Bulk Plant Air Eliminator



Cryogenic offers Bulk Plant Air Eliminators for variety of installations and conditions and designed for separation, Elimination of air from the main product.

Positive displacement meter of turbine meter, is a volumetric measuring device can not differentiate between liquid, air and vapour. So when liquid enters with air or vapour into this measuring devices it will contribute the measurable error. Large amount of free air or vapour entrapped in the piping system, not only compromising meter accuracy but also lead to over speeding of meter and also creating excessive wear or unit failure. to ensure accurate liquid

Measurement , it is necessary to remove all air from the system before entering into the measuring devices. Hence bulk plant air eliminator is installed before the meter for accuracy of the measurement devices.

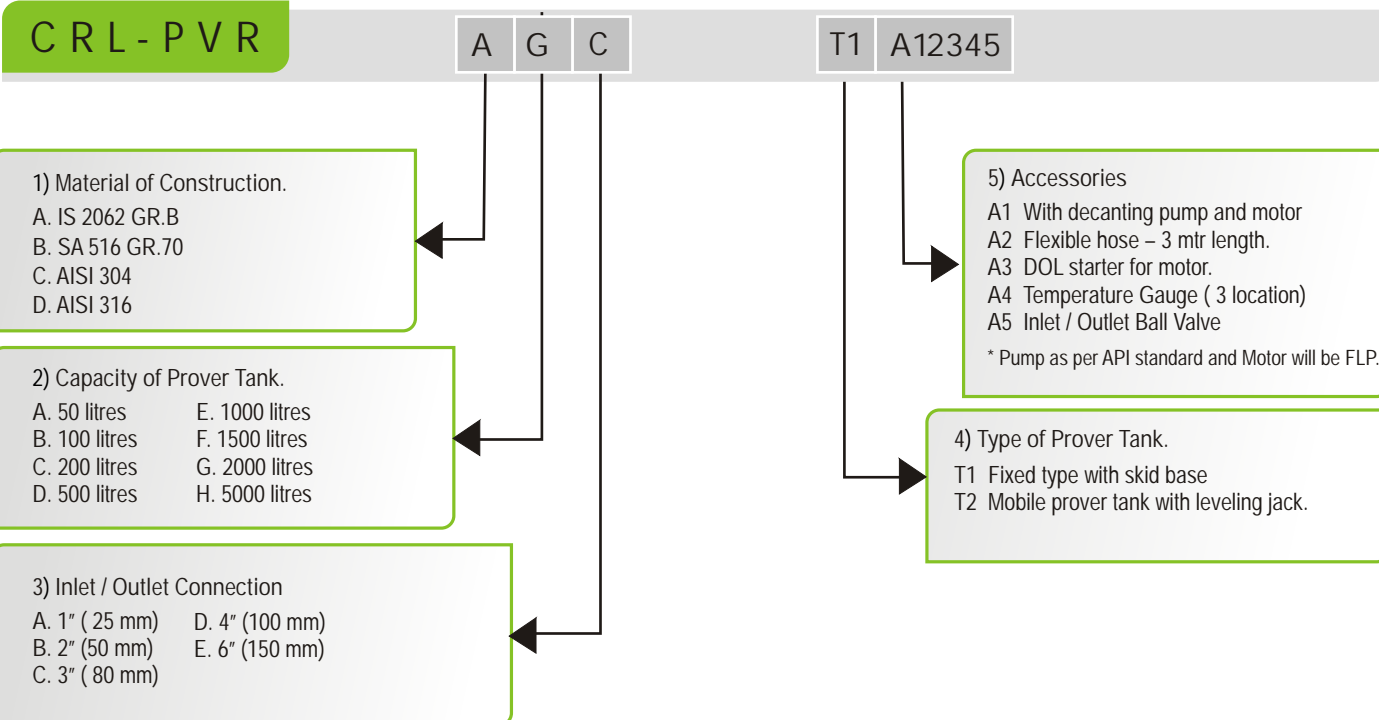
We also offers split type bulk air eliminators for fuels like ATF.

Kindly check prior or take approval to venting a air from the equipment into the atmosphere.

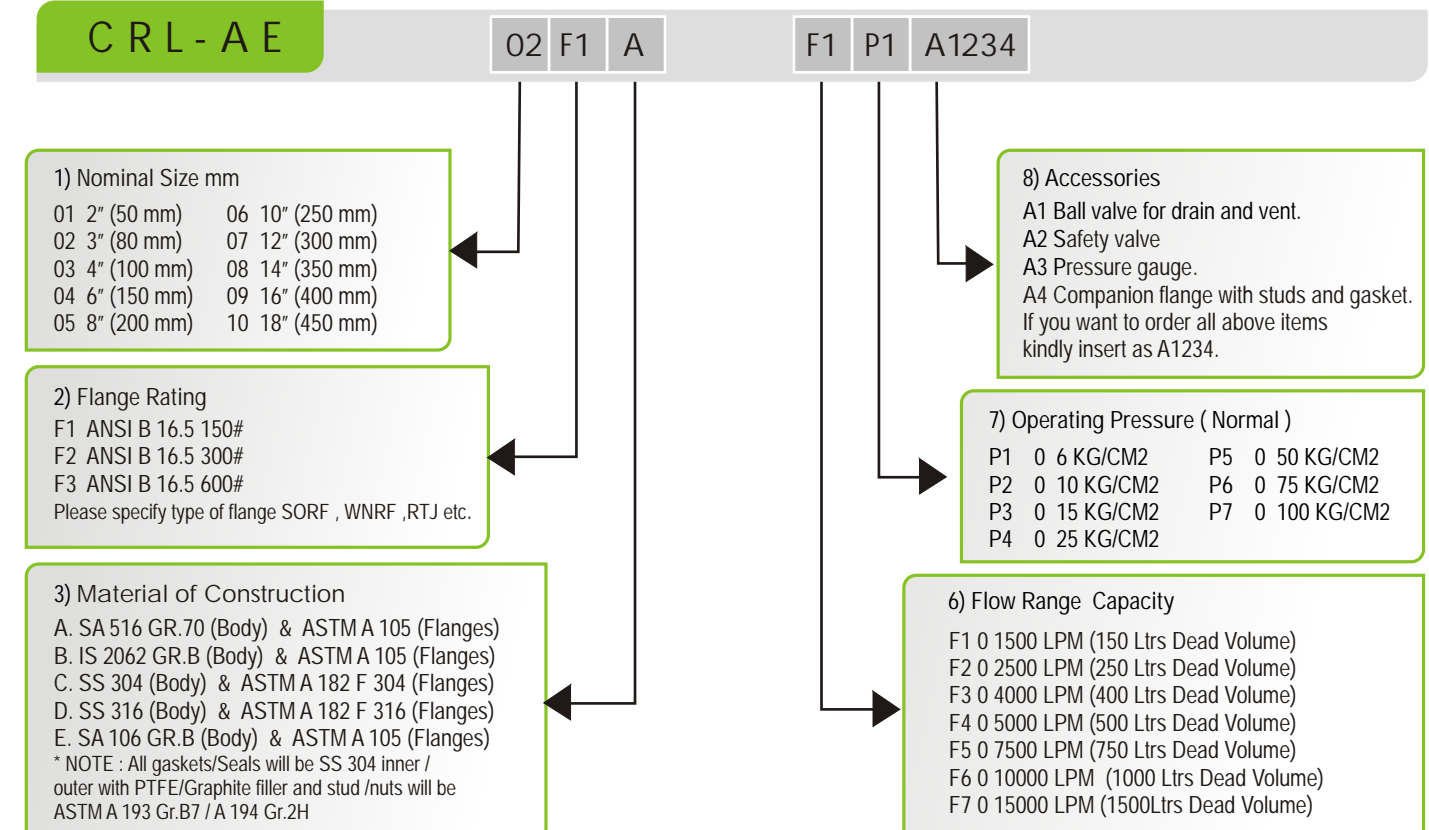
We offer bulk plant air eliminators from 135 ltrs to 1500 ltrs with size of 2" to 18" with 150# to 600# with design as per ASME Section VIII div I latest addition.

We have credit of supplying a more than 1000 units by 2009.

### Ordering Information



### Ordering Information





Blue Die Skid



Marker Skid



Additive Dosing Skid

## Additive Dosing Skid



Cryogenic offers Additive Dosing System is a very flexible system for the continuous and fully automatic dosing of additives into the main product line.

We offer different dosing skid depending on the number of Loading points for different process parameters with this in line dosing system mixed products can be produced automatically and economically.

It mainly consists of additive storage tank, metering pump with Flameproof motor, Strainer, Pulsation dampener, Pressure gauge, Non return valve, Ball valve, Back pressure valve to maintain the dosing pressure, Base skid etc. Product loading pump can be supplied along with the additive dosing skid.

The additive system can also be used for fuel colouring, like Blue die and marker dosing system.

We offer additive dosing skid for MS, HSD,SKO.

Proof of our quality and excellent price is the fact that over 200 units were delivered to our customers by 2009.

The most important users of our additive systems are the corporate like Indian Oil Corporation Limited, Bharat Petroleum Corporation Limited, Hindustan Petroleum Corporation Limited.

## Ordering Information

