

A quality product from



An ISO 9001:2008 Certified Company

GAS LINE ACCESSORIES

• MOISTURE TRAPS • AUTO DRAIN • GAS BOOSTERS • DUPLEX FILTER

• BIOGAS • PRODUCER GAS • SYN GAS • ANY WASTE GAS

Moisture Trap



Water condenses in every biogas line and it is critical that this water is bled out of the system without gas loss. This is the function of the line Moisture Trap and easily incorporated into the pipe work.

When gas enters the Moisture Trap, it impinges upon the special created surface with flow reversals, this causes coalescence resulting in conversion of moisture into water droplets which in turn fall into the base of the Moisture Trap. It has a mechanical auto-drain system (optional) which drains out the water as it crosses a certain level in the tank.

Features

- Low pressure drop
- High efficiency
- With mechanical Auto-drain systems
- Customized material Selection
- Sizes range from 2" to 24"
- No Electricity required
- Standalone system
- Innovative design
- Approved by consultants and other agencies

Auto Drains



An Auto Drain valve system is responsible for maintaining the liquid level in a tank. If the level of the liquid rises above the design valve, the auto drain system actuates and releases the excess water or liquid.

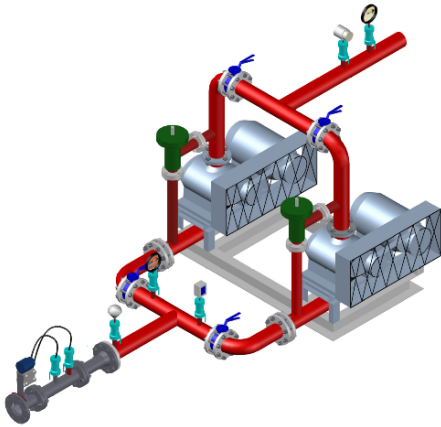
This is suitable for Tanks, Reactors, Moisture traps, Gas holders etc working at low pressure. Pressure up to 1 bar.

Features

- Suitable for Tanks, Reactors, Moisture Traps, Gas Holders etc
- Very Reliable
- SS Construction
- Customized system available
- Suitable for pressure up to 2 bars
- Highly resistant to dust and corrosion
- Operates reliably

Gas Boosting Systems

The biogas in the plant is normally available at lower pressures. to utilize biogas it is necessary to compress the gas to higher pressures. CRA offers wide range of Gas Boosters to increase or boost the pressure of the gas as per the design requirement. The system consists of Blowers/compressors mounted on skid with all necessary Instrumentations, drives & Motors and control panel. The Unit is a compact, pre-piped, pre-wired, skid mounted packaged system and can be easily installed and commissioned at the project site.



Features

- Fully automatic intelligent system
- Necessary instrumentation provided
- Synchronization b/w demand and supply of the gas
- Compact with low foot-prints
- models available with Single or Multiple boosters on same skid



Duplex Filters

Duplex Filter are excellent for applications where pipelines cannot be shut down for cleaning the filter basket.

A Duplex filter can operate continuously and never has to be shut down for cleaning. It has two Simplex Filters connected by a way of a common flow diverter. When one filter gets clogged, the flow can be diverted through another filter.

Features & Advantages

- Continuous Flow
- Filters for inline installation
- SS wire mesh Filter element i.e. Cleanable
- Quick Fit Closures & Cover lift Davit
- Extremely large filter area
- Low pressure drop
- Special highly efficient filter media
- Versatile applications
- Wide range of sizes from 1" to 20"
- Material of Construction are SS and Carbon Steel
- Pressure up to 5 bar

Applications

- Filtration of pressure fluids and lubricants
- Filtration of fluids and gases
- Direct installation into pipelines
- Direct wear protection of downstream components and systems
- Continuous operating mode due to duplex filter design
- Cooling water Filtration, Marine applications etc

Products from

- Gas Scrubbers ■ Enclosed Flare/Thermal Oxidizers ■ Incinerators ■ Flame Arrestors ■ Open Elevated Flares ■ Biogas Upgrading
- LFG/Biogas to CNG (Natural Gas) ■ Pressure Vacuum Relief Valves (PVRV) ■ Biogas to Power ■ Moisture Traps
- Gas Conditioners ■ Gas Dehumidifier ■ Digesters ■ Gas Holders and etc.



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