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PRODUCT LINE-UP: NATURAL GAS DRYERS

INLINE DRYERS

Inline Desiccant Dryers supply a -40°F pressure dew point and are ideal for pneumatic equipment or instruments that require small volumes (up to 15 SCFM at 100 psig) of extremely dry gas.

APPLICATIONS

Instrument gas equipment, small flow pneumatic equipment protection



PLD PIPELINE DELIQUESCENT DRYERS

The Pipeline Dryer (PLD) natural gas dryer is simple in design and operating, with no moving parts or power requirements. PLD natural gas dehydration vessels are commonly used as fuel gas dryers or instrument gas dryers. In some cases, a PLD natural gas dehydration vessel can be used to replace a TEG dehydrator.

APPLICATIONS

Fuel Gas, Biogas, Sales Gas, Pipelines, Instrument Gas



GAS PAK

This complete PLD skid package is the perfect solution for jobs on the go. The Gas Pak PRO is custom built skid package for your natural gas dehydration needs. The industry's first portable natural gas dehydration system, built specifically for your needs.

APPLICATIONS

Offshore Natural Gas Dehydration, Emergency Shutdown Dryers, Fuel Gas, Sales



HLSXG DELIQUESCENT DRYER

HLSXG regenerative desiccant natural gas dryers deliver extremely dry natural gas in the harshest and most challenging operating environments. HLSXG dryers are explosion-proof and have been designed to operate in areas classified as hazardous, Class 1 Division 1, Groups C & D, per the National Electric Code.

APPLICATIONS

Instrument gas dehydration, Fuel gas conditioning, Hazardous area applications



GAS DEHYDRATION ACCESSORIES:

GF200 FILTERS

GF200 series coalescing and particulate filters are designed to remove contaminants from natural gas systems. Available in 1/4" to 3" NPT connection sizes and flow capacities from 15 to 1600 scfm at 100 psig in 16



DELIQUESCENT DESICCANT

Van Gas Technologies produces four grades of desiccant for a wide variety of natural gas dehydration applications. Natural gas dehydration systems using these desiccants remove water vapor from natural gas during production, transmission, and distribution.



APPLICATION GUIDE:

BIOGAS

Our deliquescent drying technology can be used to remove the moisture from biogas at various stages in the process. Our PLD pipeline dryers have no moving parts, require zero electricity, require zero purge gas, can operate remotely in unmanned facilities, and produce Zero Emissions.

WHERE PRODUCTS ARE USED

- Replace TEG Dehydrators
- Emergency Back Up Systems

PRODUCTS TO MARKET

- PLD Dryer
- Gas Pak PRO



FUEL GAS

Fuel gas conditioning and dehydration is essential for the smooth operation of gas-fired production equipment. Natural gas producers and transporters often rely on wellhead gas to fuel production equipment in remote locations where access to the electric grid is impractical or unavailable.

WHERE PRODUCTS ARE USED

- Gas Compressor Stations
- Generating Sets
- Turbines
- Heaters and/or pumps

PRODUCTS TO MARKET

- PLD Dryer
- Inline Dryer
- Gas Pak PRO



SALES GAS

Van Gas Technologies expertise ensures that everyday billions of cubic feet of natural gas meet "sales gas" specifications. Our desiccant dehydration systems use no fuel gas, have no pumps, or burners, and produce no emissions.

WHERE PRODUCTS ARE USED

- Natural Gas Pipelines
- Wellheads

PRODUCTS TO MARKET

- PLD Dryer
- Inline Dryer
- Gas Pak PRO



INSTRUMENT GAS

Natural gas producers and transporters often use pressurized natural gas as a source of pneumatic power for actuating valves and controllers and for operating instruments.

WHERE PRODUCTS ARE USED

- Instrument Gas
- Control Gas
- Small Flow Fuel Gas

PRODUCTS TO MARKET

- PLD Dryer
- Inline Dryer
- Gas Pak PRO



PIPE LINES

Freeze-ups can happen. Pipelines freeze up because of MOISTURE in the gas. Natural gas comes out of the ground saturated with moisture. That moisture needs to be removed or it will cause problems. If the moisture is not removed, it will corrode burners, burn less efficiently, and in cold weather, the moisture will freeze and block the flow of gas.

WHERE PRODUCTS ARE USED

- Natural Gas Pipelines
- Wellheads

PRODUCTS TO MARKET

- PLD Dryer

