

# Fuel Gas Conditioning Skid

Converting well gas to usable fuel on-site through high efficiency scrubber and desiccant filter.

## APPLICATIONS

- Compressors
- Generators
- Internal Combustion Engines
- Gas Turbines

## BENEFITS:

- Fast, easy installation
- Reduced desiccant cost by up to 75% vane scrubber knock out
- Lightweight, small footprint
- Corrosion resistant
- Reliable controls
- Inclusion of work platform increases safe operations
- Quick union access to add desiccant

## FEATURES:

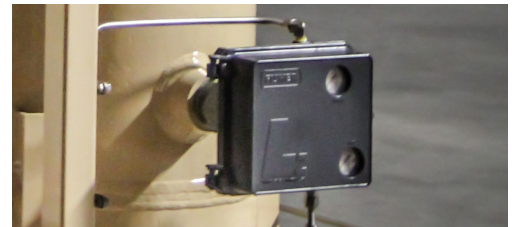
- Double filter with vane scrubber
- ASME coded vessel
- Certified relief valves
- Automated level controls
- Sight glasses
- Protected work platform
- Integrated ladder
- Forklift pockets

The Energes fuel gas conditioning skid is designed to take gas straight from the first stage of separation and convert to usable fuel gas for rotary equipment such as compressors, generators internal combustion driven engines or turbine.

- The first stage of conditioning is a vane packed scrubber that will remove up to 90% of liquids in the gas .
- The second stage is a desiccant filter that will remove the bulk of the remaining water and condensate, dissolving desiccant over time and volume throughput.
- The third stage vessel, similar to the second, will polish the gas into dry usable-quality fuel gas with only acceptable trace levels of water and condensate.

The system is stand alone, self automated with mechanical pneumatic control devices. Liquids are piped to storage and gas made available as fuel.

Capacity of each unit is up to 2.7MMSCF/D and multiple units can be run in parallel. Larger capacity units are available on request.



Fuel Gas Conditioning Skid EFS-275			
Vessel Dimensions	Vane Scrubber	12" x 60"	NACE MR-0175
	Desiccant Filter 1	16" x 60"	
	Desiccant Filter 2	16" x 60"	
Max Pressure	MAWP	1440 psig	@ -20°F to 120°F
Relief Valve	Set Point	1440 psig	@ 120°F
Throughput Capacity	Gas Vol	2.750	MMSCF/D
Ports	Inlet	2" NPT / 2" ANSI 600#	Threaded Connections or Flanged option
	Outlet	2" NPT / 2" ANSI 600#	
	Drain	2" NPT / 2" ANSI 600#	
Discant Requirements	Desiccant Filter 1	50lb Ceramic Support & 282 lb Gas Dry Prime	
	Desiccant Filter 2	50lb Ceramic Support & 235 lb Gas Dry Prime	
Skid Dimensions	Length (ft)	10'	Lifting point & pull testing comes standard with forklift pockets
	Width (ft)	4'	
	Height (ft)	8'6"	
Skid Weight	Dry	3125 lbs	
Access	Elevated platform with ladder for servicing and dessicant charge		
Controls	Level	Fisher L2	
	Valves	Kimray	