PSB INDUSTRIES

TSA BIOGAS DRYERS

"Start-Up Dryers" -

"Guard Dryers" -

Rental Options Available

c UL us

ASME

CRN

MADE IN U.S.A.

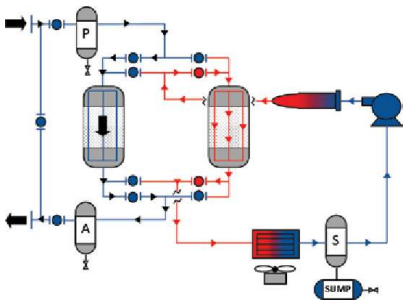
TSA BIOGAS DRYER

PROBLEM: PSA style NRU's with fresh media may retain up to 5% Moisture. During initial plant start up or after NRU media replacement, retained water vapor flows downstream and may temporarily EXCEED PIPELINE SPEC until the media is dry.

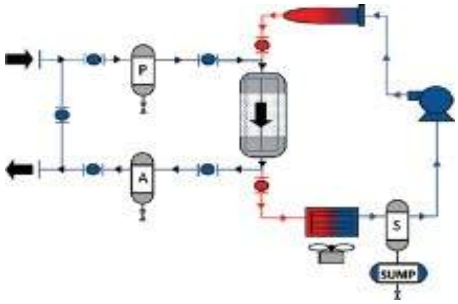
SOLUTION: Installing a PSB TSA dryer will remove the displaced water vapor during this time and keep BIOGAS in the pipeline.

Dual Vessel Manually Initiated Regeneration

NG-SRD is the dual vessel version allowing for continuous drying. While one vessel is drying the other can be manually regenerated without interrupting the drying flow.



Single Vessel Manually Initiated Regeneration



NG-SR is the single vessel version for batch drying or intermittent use.

Process flow must be stopped or the dryer bypass must be used during regeneration.

Dryer Design Feature:

- 200 MAWP
- PLC controls automatic regeneration cycle
- Manual valves divert flow
- Moisture analyzer to maximize bed capacity

PSB MODEL	Process Connection Inches CL150 FLG	Flow Capacity SCFM @ PSIG 20 / 100	FLA @460V	Dimensions Inches			Package Weight lbs.
				L	W	H	
NG-SR-10-3	3	550 / 1,450	21.2	104	68	98	4,600
NG-SRD-10-3	3	550 / 1,450	21.2	153	72	102	5,900
NG-SR-21-6	6	2,000 / 3,500	36.4	132	88	100	7,810
NG-SRD-21-6	6	2,000 / 3,500	36.4	192	88	108	13,400

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SCAN TO LEARN MORE

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