

Gas Engineering

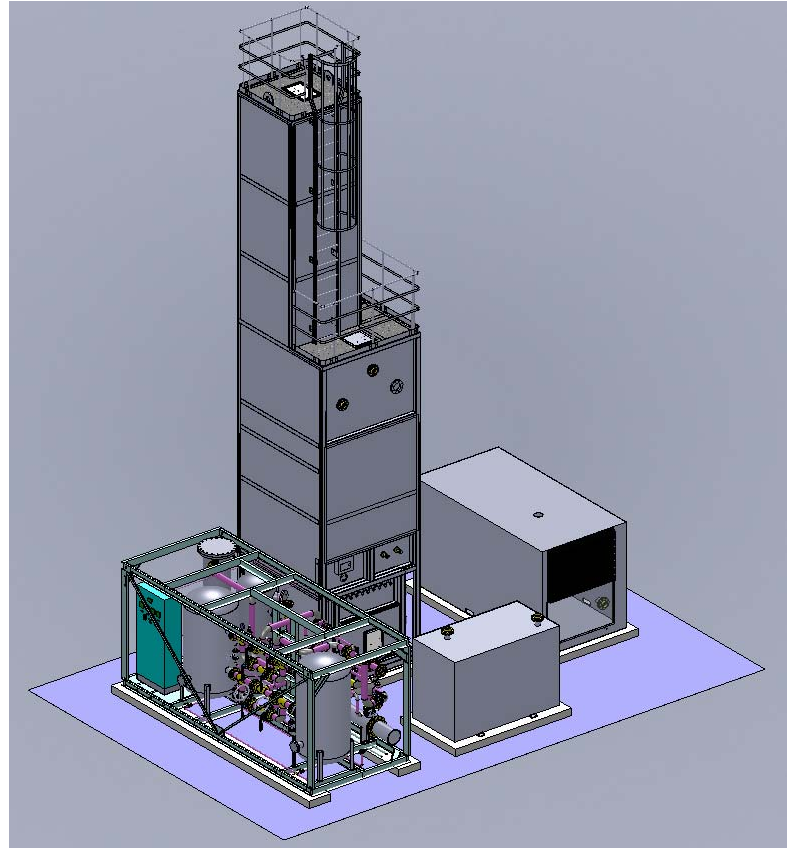
Cryogenic Process Systems

GAN SR Series

Nitrogen Generating Plant
500-1000 Nm³/hr



The SR Series Nitrogen Generator is a modular, “packaged” type plant furnished in four pre-assembled modules: feed air compressor, air chiller, pre-purifier and cold box. Standard models are available with production capacities of 500 to 1000 Nm³/hr.

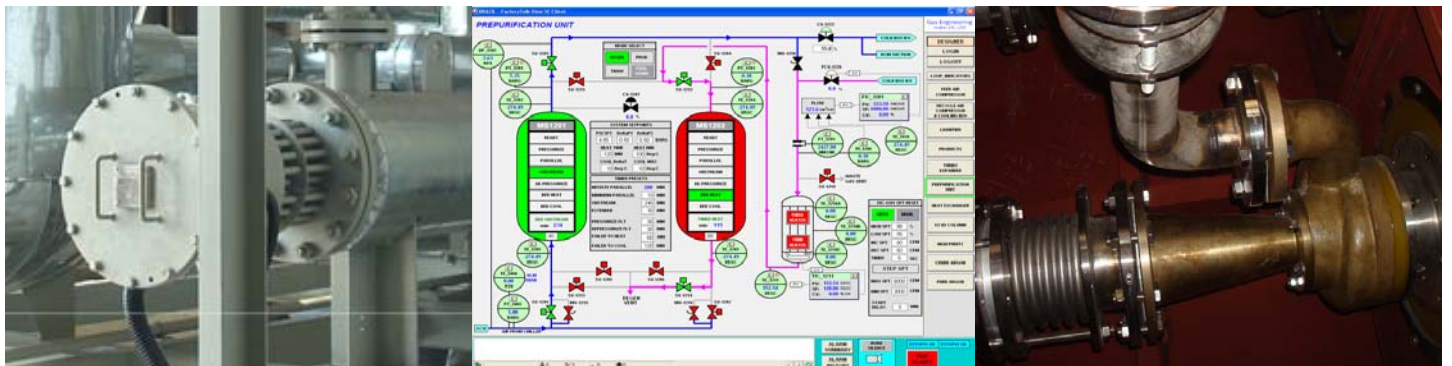


Features

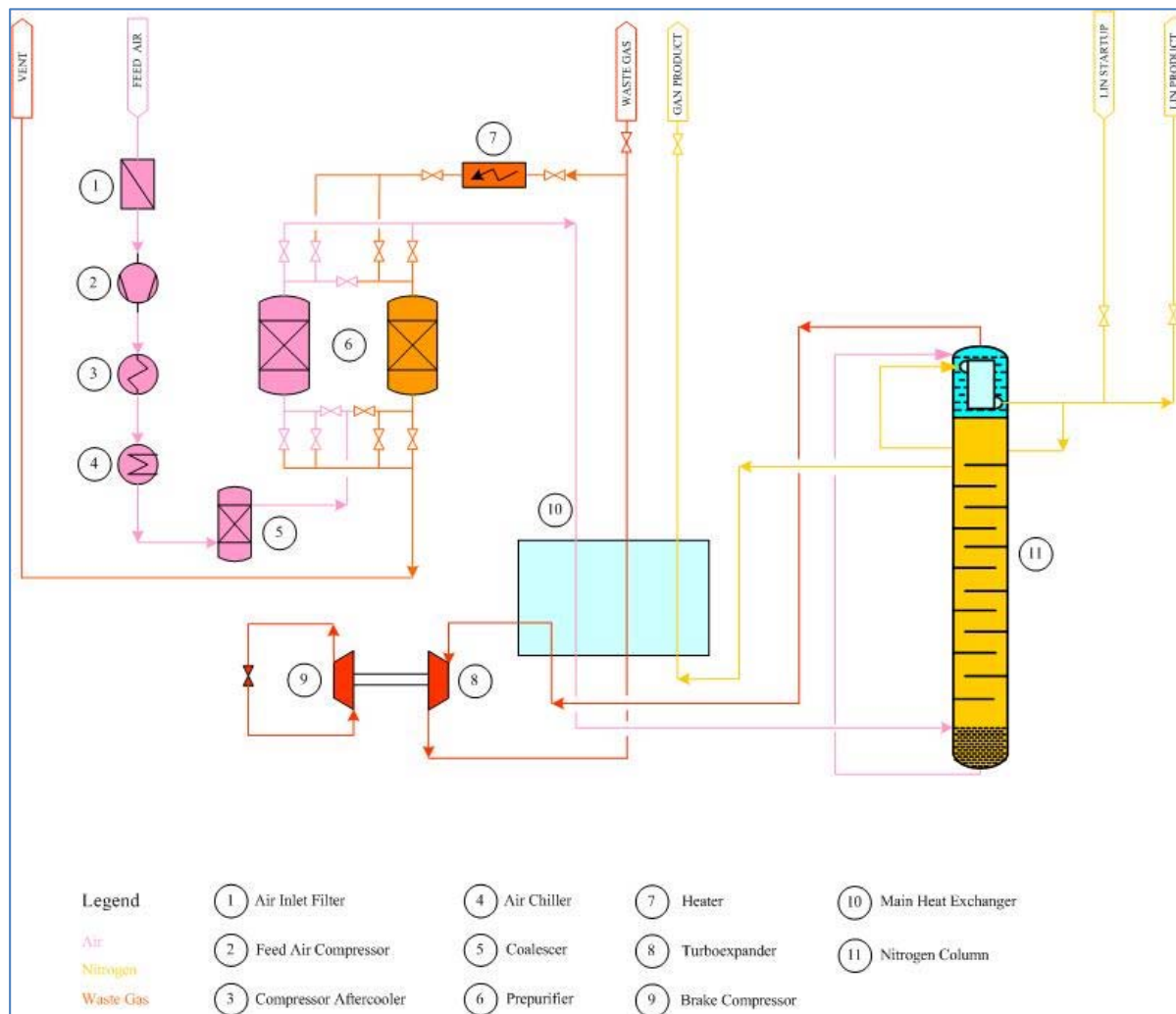
- **State-of-the-art process** with low specific power
- **Completely air cooled** – no cooling water required
- **Produces up to 9.5% liquid nitrogen for back up**
- **Modular design** facilitates installation and minimizes installation cost and shipping cost – ships in three standard 40’ HC ISO containers
- **State-of-the-art control** system provides fully automated operation, remote access capability

Plant Options

- Liquid Nitrogen Storage Tank
- Prefabricated Interconnecting Piping
- Containerized Configuration
- ASME/CE certification
- CO₂ and THC analyzers
- On-site assistance – installation, start-up



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Model		GAN 500SR	GAN 1000SR
Production			
Nitrogen (GAN)	Nm3/hr	469	875
	SCFM	17,842	33,287
Liquid Nitrogen (LIN)	Nm3/hr	43	92
	SCFM	1,636	3,500
Total	Nm3/hr	512	967
	SCFH	19,478	36,787
Purity			
Nitrogen (GAN)	PPM O ₂ , Max	5	5
Utilities			
Power	kW	190	340
Cooling Water	lpm	Not Required	
Specific Power	kW-hr/Nm ³	0.370	0.352

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