CS&P Technologies

180,000 SCFH Nitrogen Skid

CS&P's 180,000 SCFH heat recovery unit is the most efficient system available in the market today. We are the OEM of the nitrogen components installed on the unit and for this reason, understand how to build the most efficient and reliable system in the industry.

CS&P's HRU is a continuous duty system and capable of delivering 3,000 SCFM at low pressure.

FEATURES

- Designed for ease of operation and maintenance
- Removable roof and frame (optional)
- Units are completely customizable based on customer's requirements
- Boost pump design and placement for efficiency and extended service life
- CS&P is the OEM of cryogenic components and maintains an extensive inventory of spare parts
- Design review process that ensures customer expectations are captured and delivered

FUEL CAPACITY

- 100-150 gallons

PERFORMANCE SPECIFICATIONS

- Fluids Pumped: Nitrogen
- Maximum Flow Rate: 3,000 SCFM (32 GPM)
- Maximum Working Pressure:
  10,000 PSI with 1.625" Cold Ends
  15,000 PSI with 1.25" Cold Ends
- Continuous Duty Operation at 3,000 SCFM and 1,000 PSI
- Gas Discharge Temperature is up to 200 Degrees F at 1,000 SCFM (optional)

CS&P MANUFACTURED NITROGEN COMPONENTS

Vaporizer

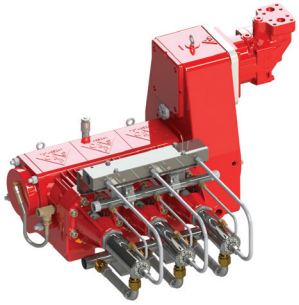
- 180,000 SCFH Pot Vaporizer

18119 Telge Road • Cypress, Texas 77429
Office (713) 467-0869 • Fax (713) 464-2089
www.csphouston.com

CS&P's OEM Nitrogen Components

Triplex Pump

- 3-ICP-200 with Integral Gear Reduction Box
- 1.625" or 1.25" Cold Ends

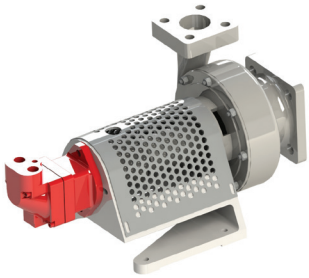


Process Water Heat Exchanger

- Exhaust Water Heat Exchanger

Centrifugal Pump

- 1.5" x 2.5" x 6"
- Hydraulic Motor Driven
- Option for "Sealless" Magnetic Drive

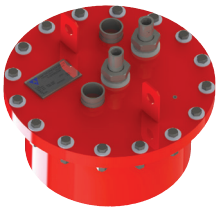


Operator's Control Panel

- Manual to Fully Automated Systems available
- CS&P's proprietary CTEC control platform
- Touch screen operation with intuitive P&ID layout
- Safety and system shutdowns for equipment reliability
- Error reporting for troubleshooting
- Data Acquisition for main and subsystems
- Downloadable data in user-friendly format
- Completely customizable and changeable

Pot Vaporizer

- 180,000 SCFH
- 10,000 PSI MAWP
- Option for 15,000 PSI MAWP



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