



LNG Vapor Return Blowers

Barber-Nichols, Inc. (BNI) has developed the next generation LNG Vapor Return Blower for today's LNG receiving terminals.

BNI utilized more than 30 years of experience with cryogenic fluid handling machinery and developed an innovative, simple solution. This simplicity delivers reliability and ease of maintenance at a competitive price! We are confident that this line of compact, quiet, single-stage blowers will not only exceed your technical expectations but fall within budget.



Model BNCP-44

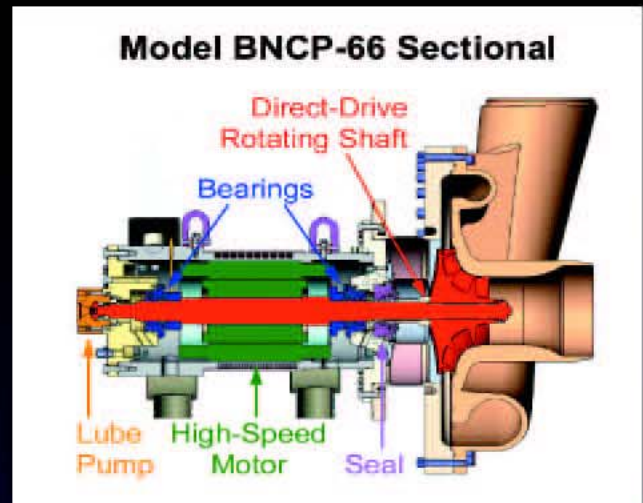
Features

- A Centrifugal, Single-Stage Blower with a High-Speed Motor Inherently Improves Equipment Reliability by Minimizing the Number of Moving Parts
- Just Two Bearings and One Seal Cartridge Simplify Maintenance and Cut the Number of Required Spares
- Variable Speed Control is Standard and Provides Smooth Ramp-Up, Capacity Control, and Load Sharing for Parallel Operation
- Cryogenic Fluid Handling Machinery Permits Rapid Swings Between Ambient and Cryogenic Temperatures (-162°C / -260°F), Allows for Immediate Equipment Start-Up, and Eliminates the Need for Vapor Pre-Heating.
- A Vacuum Insulated Cold Box Around the Blower Eliminates Ice Formation and Minimizes Noise Levels (Less Than 90 dB)
- An Oversized, Air-Cooled Lubrication System Quietly Handles Both Bearing Lubrication and Motor Cooling
- Designed for Use in Class I Division 2 Hazardous Locations

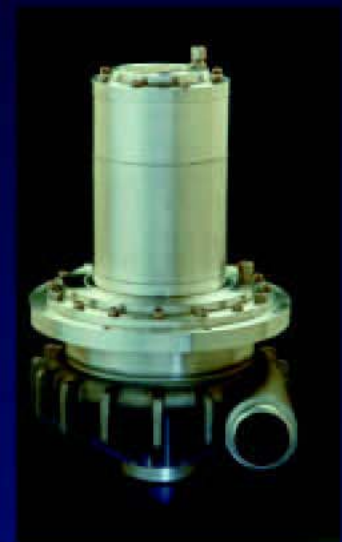


Barber-Nichols manufactures a family of Blowers that can handle between 900 kg (2,000 lbs) and 27,200 kg (60,000 lbs) of cryogenic natural gas per hour. These blowers are specifically designed to maintain positive pressure inside an LNG ship while it is being offloaded at rates up to 15,000 m³/hr (4 million gal/hr). Reliability and the ability to operate at cryogenic temperatures were the main criteria when BNI designed these machines. The comparatively low part count allows Barber-Nichols to eliminate potential points of failure commonly found in more complex machines, to simplify equipment maintenance, and to reduce costs.

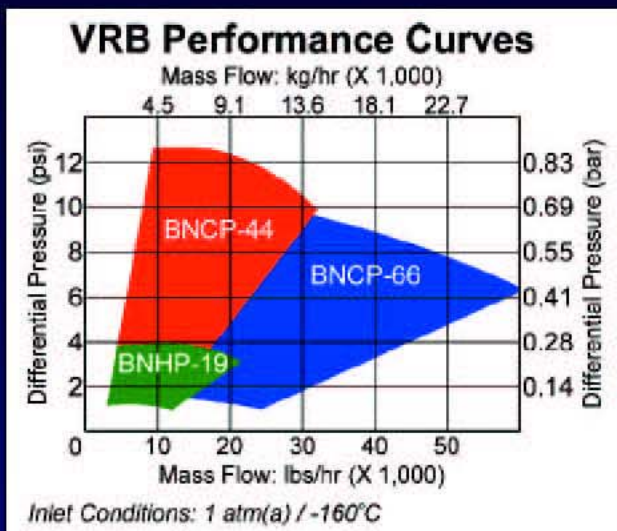
Barber-Nichols is an AS9100 & ISO9001 Registered Company that has been serving the energy, aerospace, defense, and scientific



communities for more than 40 years. In addition to industry leading quality control, BNI can provide factory trained personnel to assist with equipment installation, equipment start-up, and on-site training. All blowers offered by Barber-Nichols come with a standard 12/18 month parts and service warranty, and extended warranties are available upon request. Call to learn how a Barber-Nichols LNG Vapor Return Blower can simplify your receiving terminal construction and operation.



Model BNHP-19



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