ENER-JET®

LIQUID RING PUMP & STEAM EJECTOR VACUUM SYSTEMS

# NASH® ENER-JET™ Hybrid Vacuum Systems

Combining the stability of NASH liquid ring pumps with the high vacuum capabilities of NASH steam jet ejectors results in a hybrid vacuum system that reduces GHG emissions and operating costs while improving system stability.

Our hybrid vacuum systems have been the industry benchmark since 1979, and are recognized worldwide for delivering reliable performance and lower emissions.

But we're never satisfied. Thanks to extensive R&D, NASH Ener-Jet hybrid vacuum systems now feature innovative design improvements that cut steam consumption by up to 15%*.

Improved efficiency means greater energy savings, and a rapid payback of just 2 years or less. Nash is the only manufacturer to produce both liquid ring vacuum pumps and steam ejectors that go into a hybrid vacuum system, allowing us to provide a complete system warranty.

- Reduces steam consumption by 15%*
- Pays for itself in 2 years or less
- Lowers greenhouse gas emissions
- Designed & built to API & HEI Standards
- Condensers to HTRI specifications
- Customizable system configurations
- Global customer support
- Complete system warranty

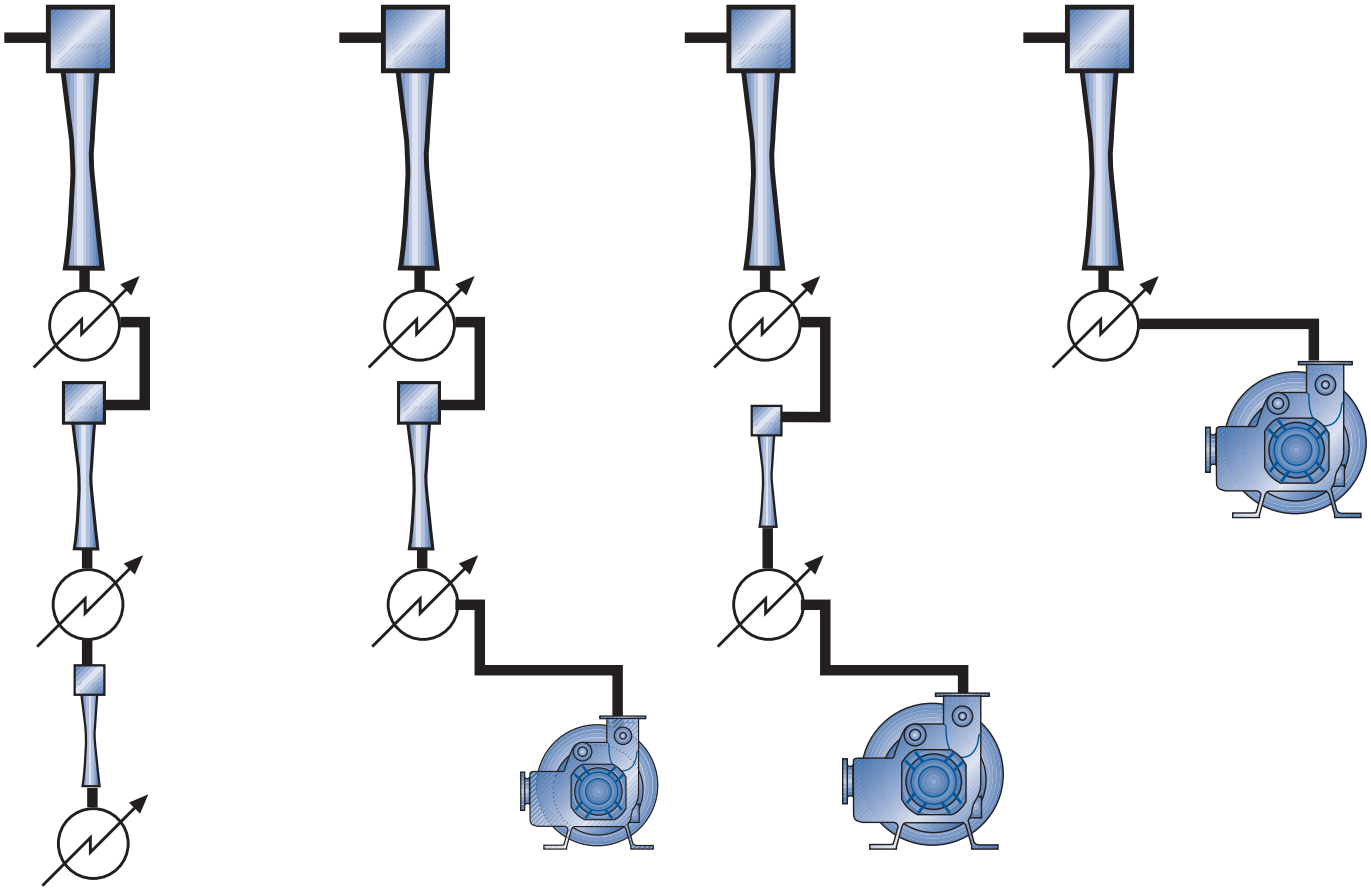
NASH
by Gardner Denver

*compared to previous Nash design.

## OPTIMIZING A HYBRID SYSTEM

Our hybrid vacuum systems can be optimized in a variety of ways based on initial cost, payback period, or utility limitations. Our experienced team of application engineers can optimize a hybrid system specific to your process, application, and technology requirements to deliver maximum efficiency and performance benefits.

| ORIGINAL SYSTEM UNITS | REPLACE LAST STAGE EJECTOR WITH A LIQUID RING VACUUM PUMP | REPLACE EXISTING 2ND STAGE EJECTOR WITH A REDESIGNED 2ND STAGE EJECTOR | REPLACE 2ND & 3RD STAGE EJECTORS WITH LIQUID RING VACUUM PUMPS |
|---|---|---|---|
| | Reduced steam consumption<br>Reduced energy costs<br>Greater system stability | Reduced steam consumption | Reduced steam consumption<br>Reduced energy costs<br>Higher system non-condensable load<br>Greater system stability |

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