

NASH AT3006 Two Stage Vacuum Pump

Consider these facts:

- The power industry in North America still relies on large coal plants
- The resurgence of nuclear power in North America and globally will increase demand for exhaustor packages with greater capacity
- Natural gas prices have risen by a factor of four in the past three years

Based on these needs, the AT3006 vacuum pump was created to deal with the increased air in-leakage.

Proven Performance:

The AT06 cone has been used in the AT706, AT1006 and AT2006 for over ten years, and is now available in our largest AT model, the AT3006.

A trial pump was built and tested at a Gardner Denver Nash facility. The test results showed an increase in dry air capacity of up to 25% in the high vacuum range without an increase in power usage.

The AT3006 offers higher operating efficiency than the AT3004, and with today's energy costs, efficiency is an important factor for our customers.



Service Locations

Birmingham, Alabama
Cleveland, Ohio
Houston, Texas
St. Peters, Missouri
Vancouver, Washington

**All Nash Service Centers are
ISO 9001:2000 Certified**

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**Increase your dry air
capacity without
increasing your
power usage**



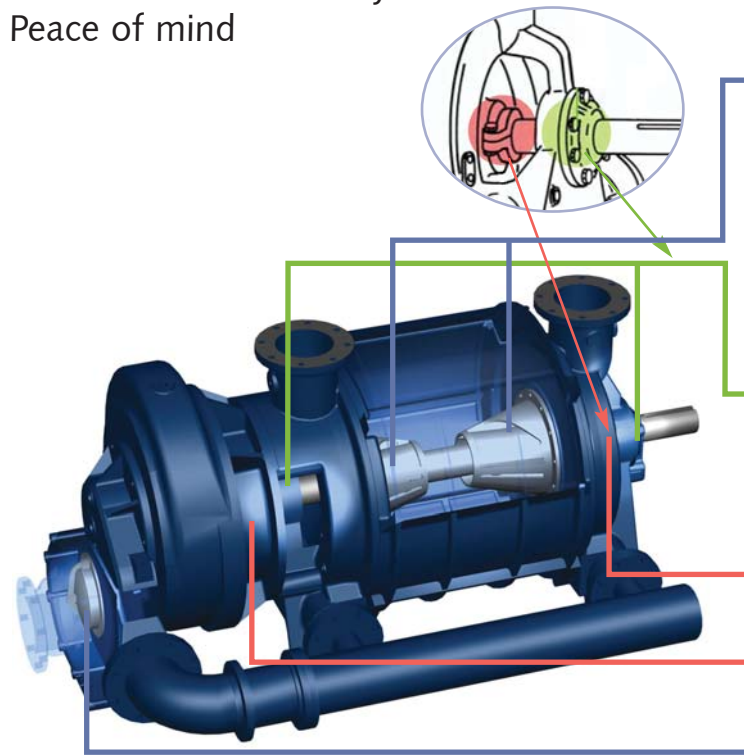
**NASH AT3006
Two Stage
Liquid Ring
Vacuum Pump**

- 1) Can you hold condenser vacuum with one pump?
- 2) Have you changed pump bearings in the last ten years?
- 3) Is your condenser exhauster packing leakage acceptable?
- 4) Would a 20% increase in vacuum pump capacity be a bad thing?

If you answered “no” to any of these questions, you should consider a Nash overhaul of your condenser exhauster vacuum pump

Benefits

Better than new performance
 Avoidance of costly breakdowns
 Extended plant life
 Certified Nash warranty
 Peace of mind



A Nash Pump Overhaul Includes:

- Tear down and rebuild by Nash certified technicians
- Replace cones with newly patented design, providing a **20% capacity increase**
- Reset clearances for improved performance
- Retest to HEI standards
- Replace bearings before they reach their designed B-10 life (100,000 hrs)
- Replace packing and first stage lantern gland
- Repipe lantern gland flushing
- Replace interstage check valve clapper

A 20% Capacity Increase Can:

- Lower condenser backpressure
- Lower dissolved oxygen levels
- Improve plant heat rate

Inlet Saturation Performances

30" Hg Barometer
 60°F Seal Water - 7.5°F Subcool

