



AT SERIES

Maintaining Plant Availability with
Two-Stage Liquid Ring Vacuum Pumps



AT SERIES

Two-Stage Liquid Ring Vacuum Pumps

Engineered to handle higher air in-leakage, demanding vacuum levels, and rising energy costs, the NASH AT Series delivers proven, two-stage liquid ring performance where reliability cannot be compromised. Built on decades of field experience, AT pumps are designed to operate continuously in harsh industrial and power generation environments without sacrificing efficiency.



Extend Life or Elevate Performance Maximize Your Advantage

A NASH AT liquid ring vacuum pump overhaul is a proven way to restore performance, improve efficiency, and extend the life of your existing equipment. As internal wear increases, clearances open and capacity drops, reducing system reliability. A certified rebuild returns the pump to original tolerances, upgrades key components*, and ensures dependable operation, making overhaul the right choice when the pump is structurally sound and performance loss is due to normal wear. However, when repair costs begin to approach the value of new equipment or when efficiency gains and updated performance are required, replacing the unit with a new NASH AT pump can deliver improved reliability, lower lifecycle costs, and the benefits of modern design for continuous, heavy-duty operation.

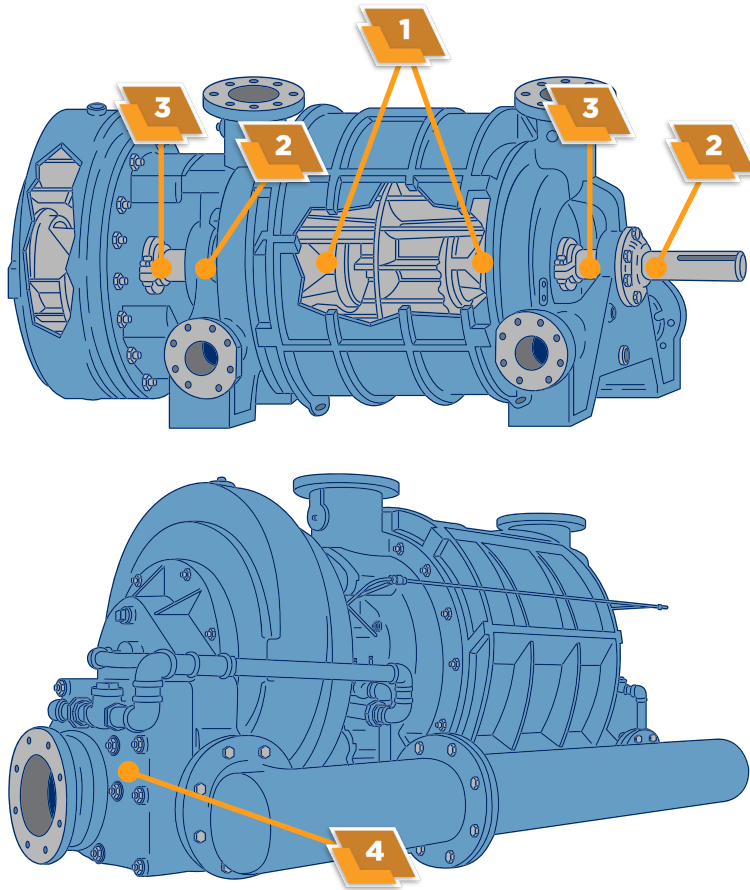
*Applicable to legacy AT1004, AT2004, and AT3004 models.



When Should I Consider an Overhaul?

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

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



Nash Certified Overhaul:

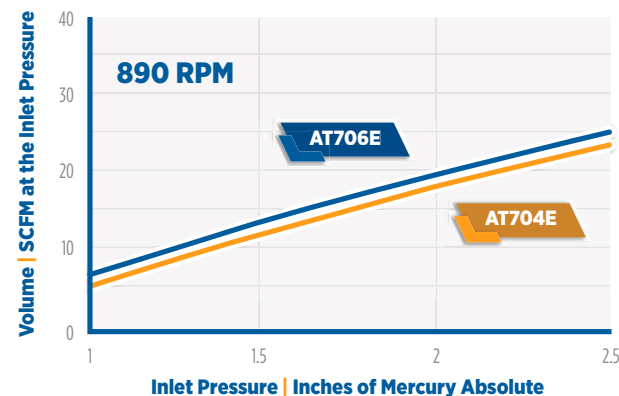
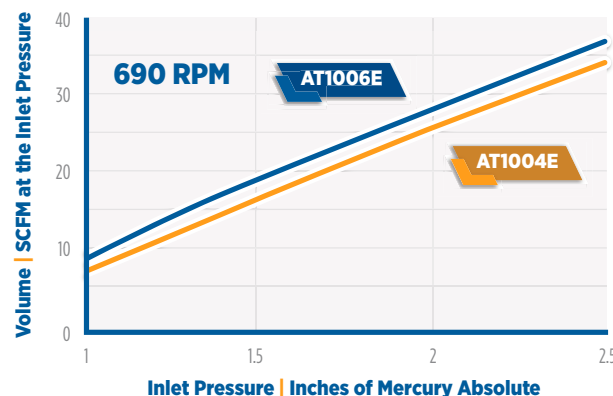
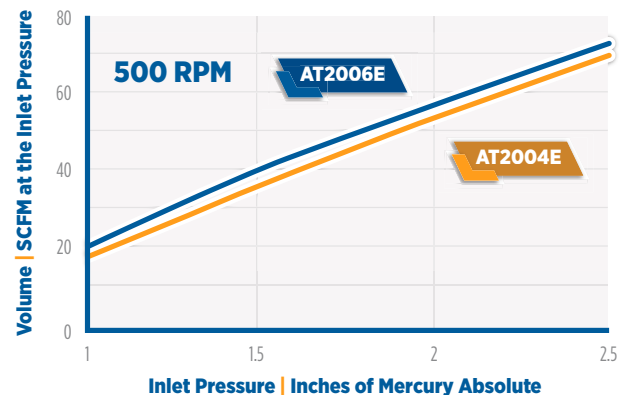
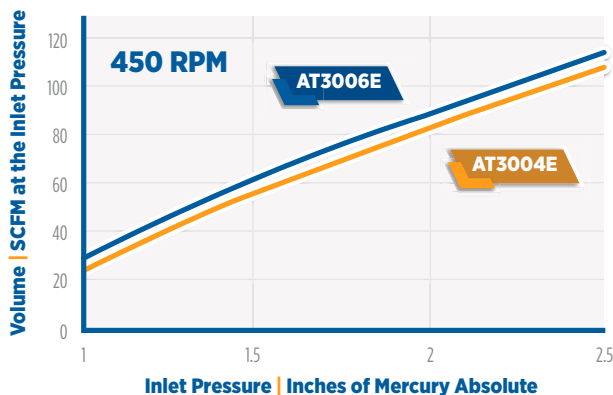
1. Tear down and rebuild by Nash certified technicians
 - For AT-04 Units, upgrade cones to increase capacity by 20%
 - Reset clearances for improved vacuum performance
 - Retest to HEI standards
2. Replace bearings before they reach their designed B-10 life (100,000 hrs)
3. Replace packing and first stage lantern gland
4. Replace interstage check valve clapper

Benefits

- Avoidance of costly breakdowns
- Extended plant life
- Certified Nash warranty
- Peace of mind

Performance

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





nashpumps.com



linkedin.com/company/nashpumps



youtube.com/@nashpumps