

4310 PRO

HEAVY DUTY VACUUM BLOWERS



Features

- Continuous duty performance at maximum vacuum
- 4310 helical tri-lobe rotor engineered for increased efficiency, lower pulsations, and lower noise
- Range of airflow - performance available to accommodate power
- 4-Way vacuum/pressure change over valve
- Built-in ballast check valve
- Ballast port manifold - cools blower through air injection
- Oil-less operation
- 4" hose barbed adjustable porting for the intake and exhaust
- Oil level inspection sight eyes
- Improved servicability
 - End plate design
 - Flushing ports
 - Carrier for sump seal
 - Drain plugs
- Added flushing ports to service blower
- Improved integral final filter with easy access cleaning
- **Designed, built, and supported in the USA**

*The maximum allowable operating vacuum will vary depending on R.P.M., ambient temperature, altitude and time running. The basic principle to keep in mind is - faster R.P.M., higher air temperature and longer run time all equal more heat in blower. When installing an NVE 4307 or 4310 blower we recommend a normal R.P.M. of 4000. Other speeds are OK as long as exhaust gas temperatures read on the supplied thermometer do not exceed 380 degrees F. Maximum of 4500 R.P.M is for intermittent use only (4310).

| SPECIFICATIONS | 4310 | |
|---------------------------|-----------------------------------|----------|
| Air flow - free air | 940 cfm @ 4500 rpm | |
| *Full vacuum | *Full Vacuum | |
| Maximum pressure | 15 psi | |
| Full Vacuum - Recommended | 4000 rpm | 4500 rpm |
| Hp required @ 27" hg | 51.4 | 58 |
| Hp required @ 10 psi | 39.7 | 44 |
| Hp required @ 15 psi | 65.5 | N/A |
| Porting size | 4" | |
| Shaft size (3/8" key) | 1 1/2" | |
| Blower dimension | L 27 1/16" W 23 7/16" H 26 15/16" | |
| Approximate weight | 456 lbs | |

Weights and measurements are for reference only