



National Vacuum Equipment

Part of the Atlas Copco Group

1600 HEAVY DUTY VACUUM BLOWERS

Features

- Helical tri-lobe rotor engineered for increased efficiency, lower pulsations, and lower noise
- Oil-less operation
- Continuous duty performance
- Installation ready
- Ballast manifold available
- **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 a NVE 1600 blower we recommend a normal R.P.M. of 3600. Other speeds are ok as long as exhaust gas temperatures read on the supplied thermometer do not exceed 380 degrees F.

SPECIFICATIONS	1600 VACUUM BLOWER
Maximum Airflow	1600 CFM
*Full vacuum	*Full Vacuum
Maximum Intermittent pressure	10 psi
*Recommended Operating Speed - RPM	3600
Hp required @ 27" HG	95.4
Hp required @ 10 PSI	72.9
Porting size	6"
Shaft size (1/2" key)	1 7/8"
Blower dimension	L 32 13/16" W 19 3/16" H 17"
Approximate weight	604 lbs.

Weights and measurements are for reference only

www.natvac.com
800.253.5500

Challenger Series
VACUUM PUMPS & BLOWERS



1600 Packages Pro Pak Side Mount

- Conveniently mounts on the side of the truck frame
- Equipped with 4-way valve, check valve, final filter, temperature and vacuum/pressure gauges
- Available in hydraulic or gearbox drive options
- L 64 13/16" W 32 1/2" H 58 1/8"



1600 Packages Top Mount

- Conveniently mounts to the truck frame
- Equipped with 6" 4-way valve, moisture trap, stainless steel final filter, air ballast silencer & exhaust silencer, cyclonic grit ridder, 3" pressure relief valve set at 10 psi, temperature and vacuum/pressure gauges
- L 71 11/16" W 29 3/4" H 61 7/8"



1600 Pro Pak Top Mount

- Conveniently mounts behind the cab of truck
- Sound dampening design for quiet operation
- Available in belt and pulley drive or hydraulic drive - SAE C Face
- Equipped with 6" 4-way valve, check valve, final filter, temperature and vacuum/pressure gauges
- Easy maintenance - equipped with removable side panels
- Easy access to both the oil fill and drain ports
- Cyclonic grit ridder
- Moisture trap
- L 88 3/8" W 40 15/16" H 103 1/8"

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