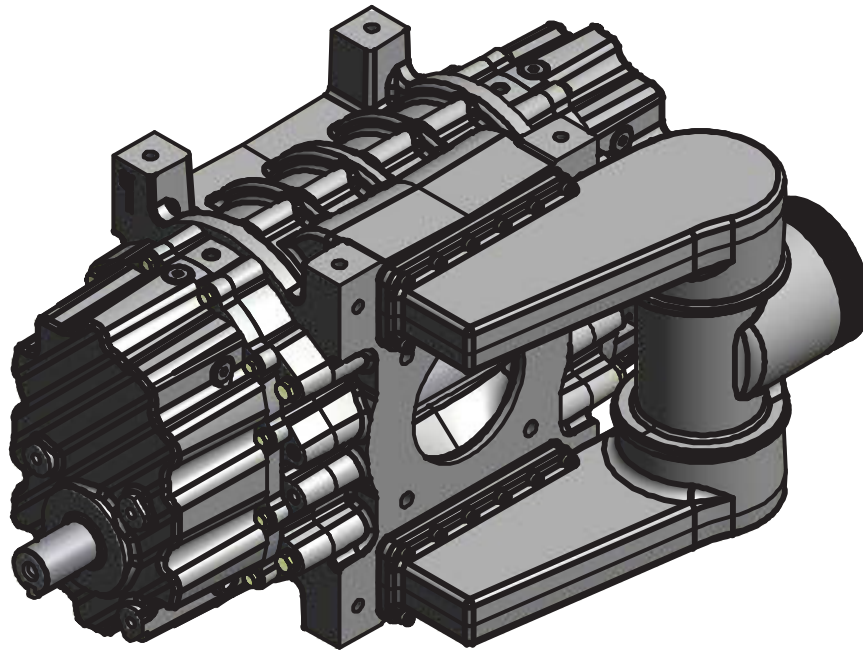




1600

HEAVY DUTY VACUUM BLOWERS



Features

- Tri-lobe design with precision matching
- Oil-less operation
- Continuous duty performance
- Installation ready
- Ballast manifold available
- Designed, built, and supported in the USA

1600 CHALLENGER BLOWER SPECIFICATIONS

AIR FLOW - FREE AIR	1600 CFM
*FULL VACUUM	
MAXIMUM INTERMITTENT PRESSURE	10 PSI
*OPERATING SPEED - RECOMMENDED	3600 RPM
HP REQUIRED @ 27" HG	95.4
HP REQUIRED @ 10 PSI	72.9
PORTING SIZE	6"
SHAFT SIZE (1/2" KEY)	1 7/8"
BLOWER DIMENSIONS	L 32 13/16" W 19 3/16" H 17"
APPROXIMATE WEIGHT	604 LBS

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.

Challenger Series
VACUUM PUMPS & BLOWERS

*Weights and measurements are
for reference only*

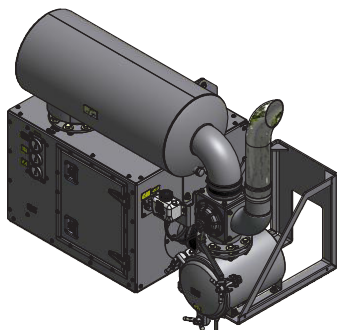
800-253-5500 | www.natvac.com

NVE

1600 HEAVY DUTY VACUUM BLOWERS

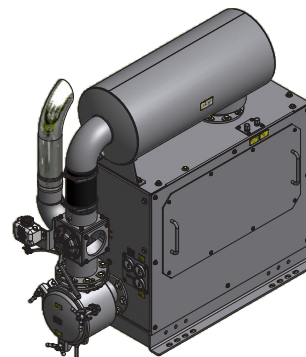


1600 Packages Pro Pak Side Mount



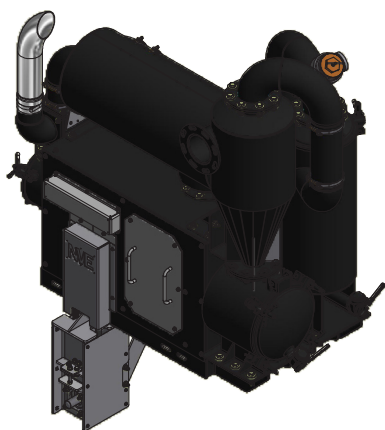
- Conveniently mounts on the side of the truck frame
- Equipped with 4-way valve, check valve, final filter, oil level sight eyes, temperature and vacuum/pressure gauges
- Available in hydraulic or gearbox drive options
- L 64 13/16" W 32 1/2" H 58 1/8"

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, oil level sight eyes, 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"