

NDRV Series Dry-Running Rotary Vane Vacuum Pumps – Small Capacity

Models: NDRV-120, NDRV-140, NDRV-280, NDRV-480



Description: Dry Running Rotary Vane Vacuum Pumps – Small Capacity

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Power Range: 0.16 - 1 HP

Capacity Range: 4 - 17 CFM

Ultimate Pressure: 27" Hg

OVERVIEW

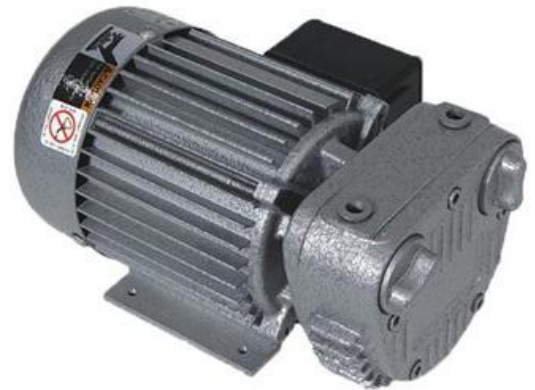
NES Company is proud to offer our NDRV Series Dry Running Single Stage Rotary Vane Vacuum Pump. NES NDRV Series pumps are factory performance tested and include a 1-year warranty.

DESCRIPTION

NES Company Inc. introduces our latest line of single stage rotary vane vacuum pumps, the NDRV dry-running rotary vane vacuum pump series. These small pumps are able to generate levels of vacuum 27" Hg at flow rates between 4 and 17 CFM and 0.16 to 1 HP. The NDRV Series is meticulously machined and carefully crafted for tight tolerances resulting in low noise and low vibration designs that create a safe and comfortable environment for both pump and operator.

FEATURES

- Max vacuum pressure of 27" Hg for high vacuum applications.
- Low noise and low vibration levels for increased stability and comfort.
- Simple and sparse parts make for easy internal access and quick maintenance.
- Inlet port wire mesh dirt trap designed to sieve coarse particles.
- Cast or aluminum cast die constructed robust and compact pump.
- Oil lubrication acts as protective barrier for chamber and vanes against friction and harsh process gasses.
 - 1-year factory warranty against manufacturer's defects.



NOTES

NES Company Inc. NDRV Series dry-running single-stage rotary vane vacuum pumps are factory performance tested and include a 1-year warranty against manufacturer's defects.

NES Company Inc. 333 Route 46 West, Building A, Fairfield, NJ 07004

(800) 297-3550 | www.nescompany.com | info@nescompany.com

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GENERAL TECHNICAL DATA

Series Name	Nominal Speed (RPM)	Capacity CFM	Power [Φ/HZ/HP]	Motor Rating (Φ/HZ/VAC)	Ultimate Pressure (In. Hg Vac)	Sound Level (dB)
NDRV 120	3600	4	1/60/0.16	1/60/220	27	58
NDRV 140	1725	5	1/60/0.34	1/60/220	27	58
NDRV 280	1725	10	3/60/0.75	1/60/220	27	68
NDRV 480	1725	17	1/60/0.75	3/60/220,380	27	75

Application table

Applications
Vacuum Packing
Vacuum Printing
Medical Instruments
Vacuum Adhesion
Vacuum Ovens & Furnaces
Prosthetic Raw Material Degassing
Resin Degassing
Sputter & Deposition Systems
Thin Film Coating
Turbo Pump Backing
Molding
Power Plants
Container Filling
Filtering
Extruder Venting
Eviscerating
Foods & Fats

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Pump Weight

Series Name	Weight (Lb)
NDRV 120	20
NDRV 140	30
NDRV 280	56
NDRV 480	66

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