

NVP90V



- » High Productivity – non-clogging design reduces downtime
- » Strong hold – powerful vacuum up to 28"Hg [948mbar]
- » Mounts Easily – compact and lightweight
- » Fast Response – installs close to vacuum point
- » Efficient – minimal air consumption
- » Reliable operation – straight-through design with no moving parts

Technical Data

Fluid
Filtered (100 Micron) unlubricated, non-corrosive dry gases

Operating Temperature
-100° to -400° F (-73° to -204°C)
20° to 120° F (-7° to 49°C) (Valve)

Operating Pressure
80 PSI (5.5 bar) Standard or
60 PSI (4.1 bar)

Materials
Generator Body: Anodized Aluminum

Supply Line
1/2" OD (12mm)

Vacuum Line
1/2" OD (12mm), preferred 3/4" (22mm) for lines exceeding 3' (1M)

Mounting Holes
Mounting holes accept 10-32[M5] screws

Electrical
24V -5% to 10% (VC/VO option)
12V -5% to 10% (VC option)

Power Consumption (Watts)
1.6 watts

Response Times
8 milliseconds

Cycle Rate
45 cycles/second

Electrical Connection
11.8" Flying Lead

LED Indicator with Manual Override
Yes

Control
12V (VC option) or 24V normally closed (VA option) or 24V normally open (VB option)

Performance Level Designations
"L", "X" 0-10"Hg [0 to 339mbar] for low vacuum/high flow applications
"M", "Y" 0-20"Hg [0 to 677mbar] for medium vacuum/high flow applications
"H", "Z" 0-28"Hg [0 to 948mbar] for high vacuum/standard flow applications

Product options
Standard (NVP90)
Valve controlled (NVP90V)
Multi-port (NVP90M)
Air Saver (NVP90C)



Standard Models

Part number	Valve	Max. Vacuum Level	Max. Vacuum Flow	Air Consumption	Silencer
NVP90VA-300M-S27A00	NC 24V	20"Hg	20.00 SCFM	12.50 SCFM	NFA-51-.500 Silencer
NVP90VA-300H-S27A00	NC 24V	28"Hg	20.00 SCFM	22.00 SCFM	NFA-51-.500 Silencer
NVP90VA-350M-S27A00	NC 24V	20"Hg	28.00 SCFM	22.00 SCFM	NFA-51-.500 Silencer
NVP90VA-350H-S27A00	NC 24V	28"Hg	28.00 SCFM	28.00 SCFM	NFA-51-.500 Silencer

Accessories

Option selector

