

AVN Retractable Nozzle Vacuum Sealer with Gas Purge



Foot pedal activated gas-flush vacuum packaging at its finest. The AVN's 1/4" wide-sealing element delivers a leak proof seal using any kind and thickness of flexible bags including clear, foil (Mylar), mil spec and ESD bags.

The AVN series is perfect for food, pharmaceutical, medical, electronics, clean room, and any general applications where moisture and oxygen are a threat to your product. With one touch of the pedal, the AVN flushes out oxygen and moisture with nitrogen or any other inert gas to protect and extend the life of your product. This quality vacuum sealer is also great for reducing the bulk of items or keeping them from wear due to friction during transportation. Clean room compatible, the AVN is also ideal for dry packaging applications on trays, tape and reel, tubes, and a variety of SMD shipping containers.

Combine the AVN'S precise automation with speed, extensive safety features, and incredible durability. Providing additional functionality and convenience, the AVN's gas flush or vacuum functions can be switched off for impulse sealing only.

The AVN is hand assembled at our facility using only superior grade components. It features five seal lengths (20," 25," 30," 35," 50") and can be custom configured to meet CE certification requirements.

Sealing Benefits

- Seal up to 360 packages per hour.
- Single Side impulse heater bar with opposing pressure bar for seal reliability.
- Seals any kind and thickness of flexible bags, including clear, Mil Spec, ESD bags, etc.
- Basic maintenance is simple. For a low price, replace the heating element and Teflon yourself in less than 5 minutes.

Safety Benefits

- Our sealers simply will not heat seal until the jaws have fully met further ensuring operator safety and uncompromised seal integrity.

Upgrades & Accessories Available

- **Bi-active sealing:** consists of an upper and lower heating element (1/4") to seal bags over 6 mil thick or other tough-to-seal items.
- **Stainless Steel Chassis:** Allows for complete cleaning and sterilization required for harsh environments in all industries.
- **CE certification:** Required in the European union. 220-volt A.C. 50–60 HZ conversion included.
- **220-volt A.C. 50–60 HZ conversion:** for all countries where this higher voltage is required.
- **Stainless steel dual nozzle:** to perform a quicker gas flush and vacuum on single large bags. Not intended for 2 bags at a time. Requires 12 cfm air source.
- **Additional vacuum or gas cycle:** this upgrade helps to further reduce the oxygen and moisture level inside the bag.
- **Low-pressure bar close:** an additional safety feature that slows the closing of the pressure bar, senses with light pressure and aborts if there are any obstacles.
- **Digital temperature control:** AmeriVacS uses the fastest thermocouple-based control available, guaranteeing a 100% repeatable seal on all heat-sealable materials: tyvek, nylon, teflon, kapton, and even vinyl or other materials that require higher sustained seal temperatures. Through increased precision and time control on the seal process, the digital temperature control also extends element and Teflon insulator life, thus reducing downtime service.
- **Ported exhaust:** directs exhaust air from inside of the machine to a port on the back for customer plumbing outside the area. Recommended for clean rooms.
- **The coalescing air filter:** Protects your sealer from moisture and contamination in the incoming compressed air to the machine. Specially Recommended for humid environments.
- **Vacuum filter:** Keeps the vacuum pump free of any debris from your Product that the nozzle might suck in and make your Sealer inoperative. Must be installed by AmeriVacS.
- **Vacuum regulator:** Allows to lower the vacuum level exerted on the package. Ideal for fragile or sharp items. Adjustable from 0 to max. Must be installed by AmeriVacS.
- **The stand:** Made of anodized aluminum, this user-friendly multi-position Machine stand is for the AVS and AVN series Vacuum sealers up to 35" long. Light and sturdy frame Allows for different height adjustments and machine Angles to maximize productivity.
- **Tray/work shelf:** An attachable 12" x 20" work shelf that can be adjusted to different heights to best accommodate your vacuum Sealed product's size. From a functionality standpoint, the work shelf will help to support the seal bag for better Overall control when positioning it between the sealing Jaws.

All AmeriVacS sealers include:

- 2-year Limited warranty
- Clean room compatible
- 100% maintenance-free vacuum pumps
- Intuitive design & Extensive safety features
- Engineer-direct technical support
- Rust-treated, and powder-coated steel chassis
- Stainless steel components on all air valves
- Stainless steel pneumatic cylinders
- Industry leading price and performance

Specifications

Seal Length:	20", 25", 30", 35"
Seal Width:	1/4"
Vacuum Flow:	6 CFM
Max. Vacuum Pressure:	27 inHg
Air Requirements:	6 CFM@110PSI (12 CFM with Dual Nozzle)
Amps @ 120 Volts A.C.:	8, 9, 13, 15
Amps @ 220 Volts A.C.:	4, 4, 6, 7
Unit Size (in):	28,33,38,43L x 10W x 7H
Approx. Weight:	35, 41, 55, 62 lbs.
Approx. Ship Weight:	40, 47, 62, 71 lbs.
Temperature:	Up to 500 degrees