

Product News

For Immediate Release

Adjustable Spray Nozzle offers Custom Control for Spray Coating Liquids and Powders

Vaccon Company, Inc. of Medway, Massachusetts offers an air-operated, adjustable spray nozzle to control the spraying of liquids and/or fine powders for coating tablets, pills, pellets, candy, foods, metals and more. The spray nozzle is field adjustable, enabling the operator to control the spray pattern, material powder through-put, or droplet size by varying the amount of compressed air allowed to flow through the unit. The spray nozzle can be custom configured to minimize the amount of compressed air needed for each application.

By tapering the exhaust end of a VDF variable vacuum pump, Vaccon has created an adjustable spray nozzle that provides a consistent, uniform spray without clogging or clumping. The spray nozzle is safe to operate using low air pressure (10 to 60 psi) and is self-cleaning due to its straight-thru design. The operator can gain further efficiency by controlling the pressure on the material as it flows to the nozzle.

Whether the material is a liquid or a powder, the VDF adjustable spray nozzle can produce a fine mist or a heavy flow in amounts from 10cc/min up to 2 gallons/min. With no moving parts, the VDF adjustable spray nozzle provides a safe, low maintenance, low cost, dependable operation without a filter or a regulator. Complete spraying systems including nozzle, control unit and cooling stations are available.

VDF adjustable spray nozzles are available in 7 sizes and can be made of anodized aluminum, stainless steel or PVC.

Contact Vaccon Company at 508-359-7200 for Technical Support.

Product link: <http://www.vaccon.com/VDF-home.aspx>



VDF 375-CH adjustable, custom spray nozzle coats candy, pills and powder particles.