

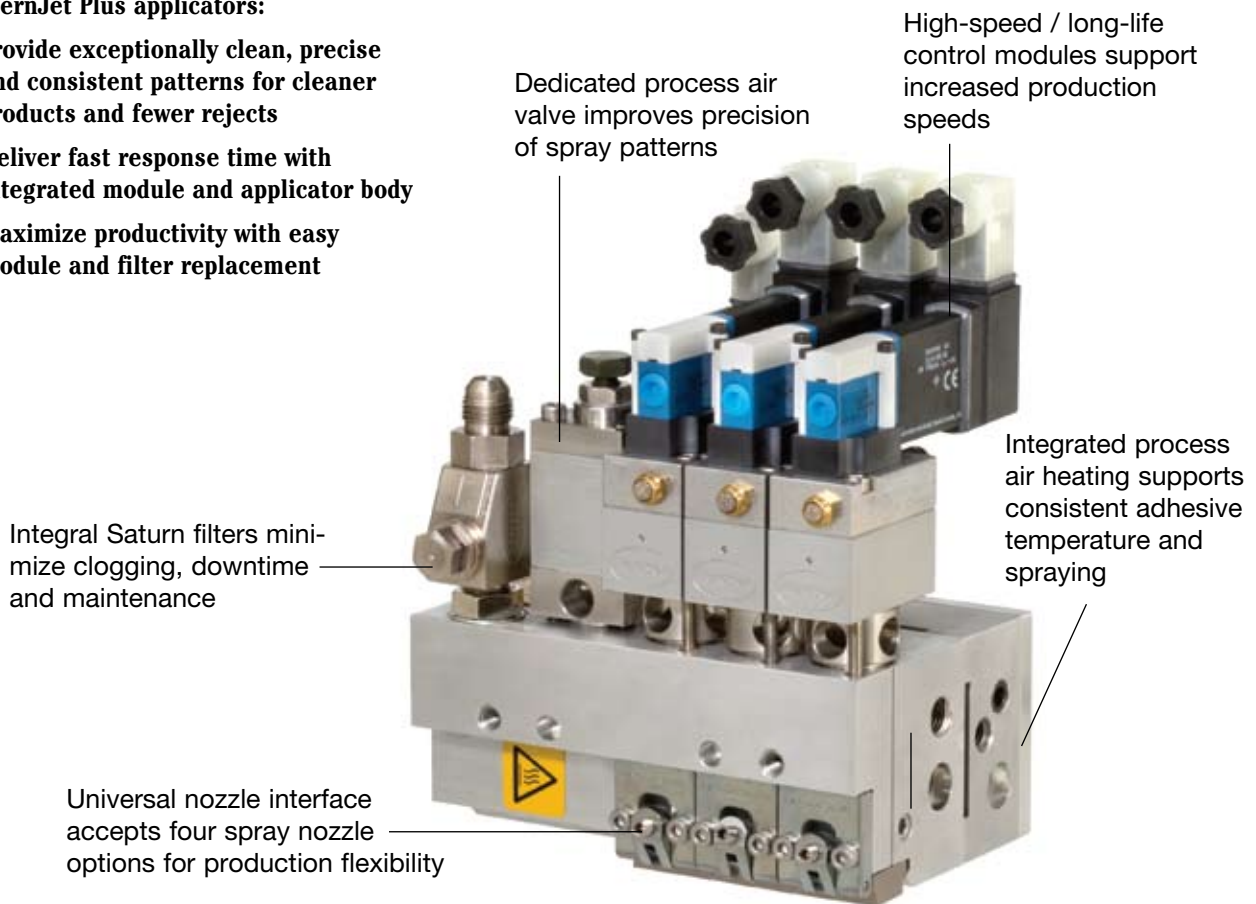
# PatternJet™ Plus Hot Melt Dispensing Applicators



*Versatile applicators maximize application flexibility and deliver sharp cutoff in high-speed applications.*

## PatternJet Plus applicators:

- Provide exceptionally clean, precise and consistent patterns for cleaner products and fewer rejects
- Deliver fast response time with integrated module and applicator body
- Maximize productivity with easy module and filter replacement



Ideal for high-speed production, PatternJet Plus applicators apply a wide variety of adhesive spray patterns faster, more accurately, and with less material waste.

Originally designed for roll-fed labeling applications that demand speed and clean adhesive patterns, PatternJet Plus applicators can be easily integrated into a variety of high-speed packaging and general product assembly operations.

The flexible design allows for custom configuration, ease of service and fast product changeovers.

Speed-Coat® control modules deliver up to 9000 cycles per minute. Integrated process air heating and cycling, using a dedicated valve, maintains more consistent adhesive temperature

and improves spray pattern precision. This feature helps deliver cleanliness between patterns to minimize maintenance requirements and maximize production efficiency.

Flexible PatternJet Plus applicators feature the patented Universal™ nozzle clamping mechanism which accepts Controlled Fiberization™, Dual Controlled Fiberization, Summit™ and Signature® spray processes.

With application engineering, lab testing, installation assistance, operator training and technical support, Nordson can support your existing or new applications using PatternJet Plus technology. We have an established global network of material, automation and system integration partners to assist in solving your production challenges.

# PatternJet™ Plus Hot Melt Dispensing Applicators

## Specifications

<b>Operating Temperature</b>	93-191° C (200-375° F)
<b>Maximum Operating Hydraulic Pressure</b>	
With module air pressure	60 bar (870 psi)
Without module air pressure	15 bar (218 psi)
<b>System Hydraulic Pressure</b>	89.6 bar (1,300 psi) maximum
<b>Module-actuating Air Pressure</b>	4 bar (58 psi) minimum, 6 bar (87 psi) recommended
<b>Air Consumption (per nozzle)</b>	~7.1-28.3 nlm (~0.25-1.0 scfm) for Summit or Controlled Fiberization nozzles ~14.2-56.6 nlm (0.5-2.0 scfm) for Signature nozzles
<b>Temperature Sensors</b>	Nickel 120 ohms only
<b>Operating Voltage</b>	230 VAC 50/60Hz
<b>Solenoid Control Voltage</b>	24 VDC
<b>Adhesive Viscosity</b>	500-15,000 cps
<b>Adhesive Pattern Capability</b>	Intermittent
<b>Cycles</b>	Up to 9000 cycles/min (dependent on pressure & viscosity)



Controlled Fiberization Nozzle



Summit Nozzle

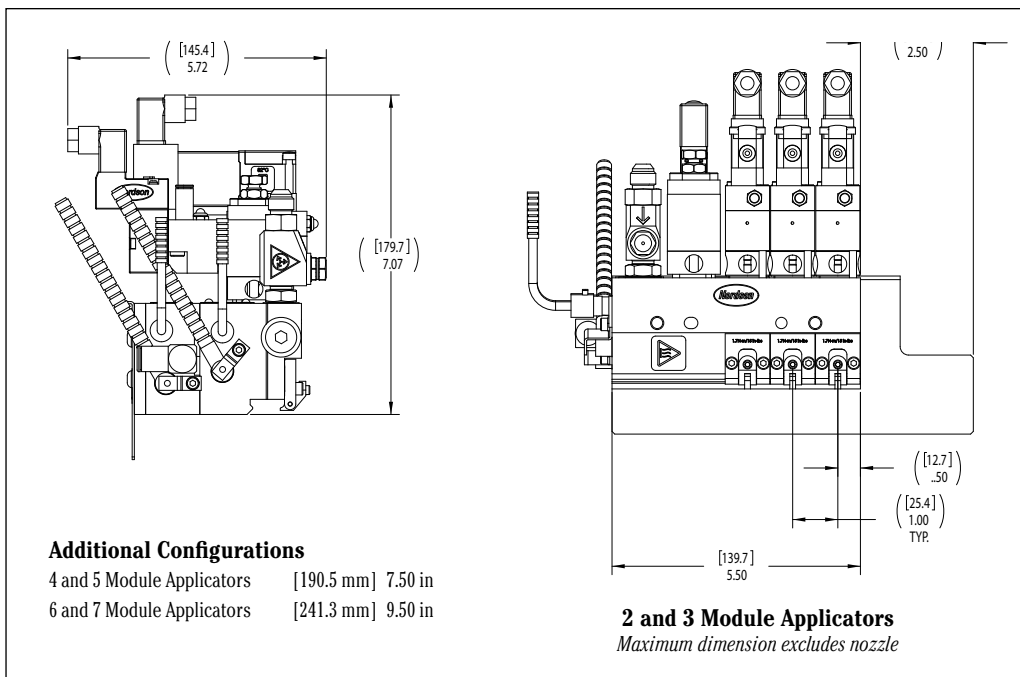


Intermittent Signature Nozzle



Dual Controlled Fiberization Nozzle

## Dimensions



For more information, talk with your Nordson representative or contact your Nordson regional office.

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