

# UNIVERSAL SYSTEMS H200 MODULE

## STANDARD H200 MODULE

Universal Systems manufactures premium quality standard H200 modules which are engineered for high performance and durability. Designed to outperform and outlast all other modules in the industry. This module is the most common on today's packaging lines and will operate under the most adverse conditions. We have engineered our H200 modules to last millions and millions of cycles and to be compatible with most of our competitor's systems.



## BENEFITS

- ❖ Long-life hydraulic seals for insured durability
- ❖ Air-open, spring close operation for superior cut-off and bead uniformity
- ❖ Needle tip and valve seat design ensures clean cutoff at the nozzle
- ❖ Factory-set stroke eliminates the need for operator adjustment for a consistent glue pattern
- ❖ Operating speeds that exceed 3000 plus cycles per minute dependent on adhesive viscosity and solenoid performance rating
- ❖ Modules can be replaced in minutes by simply removing two socket-head screws
- ❖ Modules can be used with a wide range of hot melt packaging adhesives
- ❖ Compatible with a wide variety of nozzles for design flexibility
- ❖ Precisely manufactured for un-compromised compatibility with existing equipment

## SPECIFICATIONS

Maximum Operating Temperature:  
450 °F (232 °C)

Operating Pressure:  
45 to 80 psi (3.1 to 5.5 bar)

Electrical Specifications:  
200 – 240 VAC 50/60 Hz

Maximum Working Hydraulic Pressure:  
1500 psi (103 bar)

Operating Speed:  
Exceeds 3000 cycles per minute dependent on adhesive viscosity and solenoid performance rating

# UNIVERSAL SYSTEMS H200 NOZZLES



## NOZZLE TYPES

### STRAIGHT:

- 1 Orifice
- 2 Orifice - 15 Degree Spread - Offset
- 2 Orifice - 15/30/45/60 Degree Spread
- 3 Orifice - 30/45 Degree Spread
- 4 Orifice - 40-90 Degree Spread

### RIGHT ANGLE:

- 1 Orifice
- 2 Orifice - 15/30 Degree Spread
- 3 Orifice - 19 Degree Spread

## NOZZLE PRECISION AND BENEFITS:

- ❖ All nozzle orifices are drilled by computerized controlled machinery and engagements are precisely calibrated
- ❖ Nozzle orifices are sized to a tolerance of +/- .0003 for maximum accuracy
- ❖ Both single orifice straight and right-angle nozzles have a brass body with stainless steel insert for more effective heat transfers and extended durability
- ❖ Single and multi-orifice nozzles are available in both straight and right-angle configurations, as well as various other degrees of glue placement for a tailor patterned performance
- ❖ A wide selection of nozzle orifice diameters are manufactured to meet your precise pattern requirements
- ❖ All nozzles will fit a wide variety of other manufacturer's equipment, without compromise

For more information, speak with your Universal Systems representative or contact us directly:

Sales:  
Meredith Jenners  
[meredith@ussefl.com](mailto:meredith@ussefl.com)  
(800) 848-5018

Technical Support:  
[tech@ussefl.com](mailto:tech@ussefl.com)

Find us on:

