

# Advanced Nozzle Performance

Patented technology for superior results.



## Dial in the perfect clean.

Introducing the revolutionary line of variable Aero nozzles. With patented MERN technology and patent pending variable fragmenting technology you have the power to control aggression downstream of the nozzle throat for a full range of performance with maximum effectiveness.



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### PELLET

Maximum aggression for removing the toughest contaminants.

1

### MEDIUM FRAGMENTING

Aggression with control.

2

### FINE FRAGMENTING

Power and precision.

3

### EXTRA FINE FRAGMENTING

Gentle cleaning on delicate substrates.

*Dial selection 3 is not applicable to HIGH FLOW 508V.8*



### HIGH FLOW 523V2 STANDARD FLOW 323V2

The universal standard for flexibility in all applications.

### HIGH FLOW 508V.8

High aggression for tight areas.

### STANDARD FLOW 312V2

Medium aggression.

### HIGH FLOW 523V4

Gentle aggression for large areas.

## Precision technology.

These nozzles are used with Cold Jet's patented shaved dry ice technology, the i<sup>3</sup> MicroClean, to provide an effective solution for product finishing or cleaning delicate surfaces and complex mold cavities and crevices that other methods can't reach.

### MC26M

Patented MERN technology 35 cfm @ 80 psi, blast swath 0.26"

### MC29MH

Patented MERN technology 50 cfm @ 80 psi, blast swath 0.29"

### MC88

Fan nozzle for fast gentle cleaning 30 cfm @ 80psi, blast swath 0.88"

### MC88F

Fragmenting nozzle for even gentler cleaning 25 cfm @ 80 psi, blast swath 0.88"



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## Up to 4X more reliable than competitors.

In a side by side comparison the Cold Jet 312V2 Variable Nozzle never clogged while blasting for 10 consecutive minutes. The leading competitor's fragmenting nozzle began clogging after only 2 minutes 30 seconds.



- **Multi-function Capability**
- **Flexibility** - change the dial for different applications instead of nozzle or support equipment
- **Cost Savings** - multi-application capability with just one nozzle
- **Time Savings** - eliminate downtime for nozzle, screen or hose changes
- **Reliability** - fragmenting occurs downstream of nozzle throat for clog free operation
- **MERN technology for ultimate performance**

Nozzle	Part #	Air Consumption	Blast Swath	Length	Dry Ice Feed Rate	Material	Blasting System
<b>523V2</b>	5E0238	150 cfm @ 80 psi (4.3 m <sup>3</sup> /min @ 5.5 bar)	2" (5.1 cm)	23" (58.4 cm)	3-5 lbs/min (1.4-2.3 kg/min)	Aluminum	Aero
<b>323V2</b>	5E0252	100 cfm @ 80 psi (2.8 m <sup>3</sup> /min @ 5.5 bar)	2" (5.1 cm)	23" (58.4 cm)	2-4 lbs/min (0.9-1.8 kg/min)	Aluminum	Aero
<b>508V.8</b>	5E0272	150 cfm @ 80 psi (4.3 m <sup>3</sup> /min @ 5.5 bar)	0.8" (2.1 cm)	8" (20.3 cm)	3-5 lbs/min (1.4-2.3 kg/min)	Aluminum	Aero
<b>312V2</b>	5E0274	100 cfm @ 80 psi (2.8 m <sup>3</sup> /min @ 5.5 bar)	1.8" (4.6 cm)	12" (30.5 cm)	2-4 lbs/min (0.9-1.8 kg/min)	Aluminum	Aero
<b>523V4</b>	5E0257	150 cfm @ 80 psi (4.3 m <sup>3</sup> /min @ 5.5 bar)	4" (10.2 cm)	23" (58.4 cm)	3-5 lbs/min (1.4-2.3 kg/min)	Aluminum	Aero
<b>MC26M</b>	5E0284	35 cfm @ 80 psi (1 m <sup>3</sup> /min @ 5.5 bar)	0.26" (6.6 mm)	5" (12.7 cm)	0.5-1 lbs/min (0.2-0.4 kg/min)	Aluminum/ Polymer	i <sup>3</sup> MicroClean
<b>MC29MH</b>	5E0248	50 cfm @ 80 psi (1.5 m <sup>3</sup> /min @ 5.5 bar)	0.29" (7.4 mm)	6" (15 cm)	0.5-1.2 lbs/min (0.2-0.5 kg/min)	Aluminum/ Polymer	i <sup>3</sup> MicroClean
<b>MC88</b>	5E0241	30 cfm @ 80 psi (0.8 m <sup>3</sup> /min @ 5.5 bar)	0.88" (22 mm)	5" (12.7 cm)	0.5-1.2 lbs/min (0.2-0.5 kg/min)	Aluminum/ Polymer	i <sup>3</sup> MicroClean
<b>MC88F</b>	5E0254	25 cfm @ 80 psi (0.7 m <sup>3</sup> /min @ 5.5 bar)	0.88" (22 mm)	5" (12.7 cm)	0.5-1 lbs/min (0.2-0.4 kg/min)	Aluminum/ Polymer	i <sup>3</sup> MicroClean