

MISTMATIC® COOLANT DELIVERY SYSTEMS

APPLICATIONS

The Mistmatic® allows the user a wide range of coolant delivery. Variable adjustability allows deliveries such as lean, rich, high velocity, or low velocity. Unit can fill “mini-flood” applications with the dual control valving. This unit can cover most machining requirements. Multiple metal removal processes ranging from broaching to grinding can be covered with the Mistmatic. The pressure pumping design of the Mistmatic allows use with a wide range of coolants compatible with Buna-N seals and lower than 1000 SUS viscosity. Auto electric models can be interfaced with machine controls for cyclic capabilities.



FEATURES

- Pump operated system
- HV-3100 control valve with 7 in. segmented plastic nozzle
- One or two outlet, 5 ft. brass armored lines
- Independently adjusted air and coolant allows for balancing coolant delivery
- Platform design capabilities allow for flexible line/nozzle combinations (consult factory)
- Easy reading sight gauge
- 1 and 4 gallon reservoir capacities
- Reservoir bracket for easy mounting directly to machining application
- 1 gallon dimension = 10 1/2" H x 8 1/2" W x 6" D
- 4 gallon dimension = 14 1/2" H x 17 1/2" W x 9" D

SPECIFICATIONS

Reservoir	High Density Polyethylene
Sight	Acrylic Plastic
Check Valve	Brass w/Buna-N Seals
Seals	Buna-N
Delivery Lines	5 ft. Armored Brass
Coolant Tube	Polyurethane
Valves	Brass
Solenoid	Brass Body & S/S Plunger
Nozzle	Flexible Segmented Plastic Standard
Pump	Acetal Copolymer w/Buna-N
Tubing	Polyurethane
Air Inlet	1/4 NPT
Air Inlet Pressure	50 -100 PSI

NOZZLES

Model No.	Length	Type
30250	3"	Straight
30254		45° Angled
30251	6"	Straight
30255		45° Angled
30259		90° Angled
30253	12"	Straight
30257		45° Angled
30261		90° Angled
30268		Flexible
30267	7"	Metal
30620		Flexible
30621		Plastic

SELECTION CHART

Model No.	Capacity (gal.)		No. of Lines	Control Mode	Voltage (VAC)
	Plastic	Stainless			
30600	1	-	1	Manual	-
30601	1	-	2	Manual	-
30602	4	-	1	Manual	-
30603	4	-	2	Manual	-
30604	1	-	1	Auto	120*
30605	1	-	2	Auto	120*
30606	4	-	1	Auto	120*
30607	4	-	2	Auto	120*
30608	-	1	1	Manual	-
30609	-	1	2	Manual	-
30610	-	1	1	Auto	120*
30611	-	1	2	Auto	120*
30614	1	-	Customer Specified	Manual	-
30615	4	-		Manual	-

*Other voltages on request

