### SPRAY MIST COOLANT SYSTEMS

#### Did You Know That...

- Flexible spray mist coolant system meets your needs and costs only $0.03 per operating hour!
- Bio-degradable coolant safe for people, machines and parts!
- Spray mist coolant systems delivers efficiency and longer tool life!
- Universal coolant systems improves material machinability!

Kool Mist is perfect for:

- Industrial Machine Shops
- Pipe Manufacturers
- Aerospace Companies
- Nuclear Power Plant
- Military bases
- Tool and Die Shops
- Home Machine Shops
- And many more...

#### PORTAMIST SPRAY MIST COOLANT SYSTEMS

##### With Magnetic Base

- 12" Flexible Nozzle
- 18" Flexible Nozzle
- Adjustable Spray Nozzle
- 12" or 18" Flexible LOC-LINE™ Positioner
- Check Valve
- 4' Hose with Male Pipe Thread Fitting
- 4 FT. Air Hose with Male Pipe Thread Fitting
- Single Air/Coolant Control Valve
- 4 FT. Coolant hose with Anti Syphon Nozzle Positioner
- 12" or 18" Flexible LOC-LINE™ Positioner
- Heavy Duty Magnetic Base
- Adjustable Spray Nozzle
- 12" or 18" Flexible LOC-LINE™ Positioner
- Check Valve
- 4' Hose with Male Pipe Thread Fitting
- Single Air/Coolant Control Valve
- 4 FT. Coolant hose with Anti Syphon Nozzle Positioner
- 12" or 18" Flexible LOC-LINE™ Positioner
- Heavy Duty Magnetic Base

#### PORTAMIST SPRAY MIST STARTER KIT

- Kit Includes:
  - Portamist model 80M
  - 4 FT. Air Hose with Male Pipe Thread Fitting
  - Check Valve
  - 4 FT. Coolant hose with Anti Syphon Nozzle Positioner
  - 12" or 18" Flexible LOC-LINE™ Positioner
  - Heavy Duty Magnetic Base
  - Adjustable Spray Nozzle
  - 12" or 18" Flexible LOC-LINE™ Positioner
  - Check Valve
  - 4' Hose with Male Pipe Thread Fitting
  - Single Air/Coolant Control Valve
  - 4 FT. Coolant hose with Anti Syphon Nozzle Positioner
  - 12" or 18" Flexible LOC-LINE™ Positioner
  - Heavy Duty Magnetic Base

#### ACCESSORIES

- Straight Brass Nozzle
- 45° Brass Nozzle
- 90° Brass Nozzle
- 90° Brass Nozzle
- 45° Brass Nozzle
- Straight Brass Nozzle
- 45° Brass Nozzle
- 90° Brass Nozzle
- 90° Brass Nozzle

#### TANKLESS MIST COOLANT SYSTEMS

##### For Use With Your Own Tank!

- Straight Brass Nozzle
- 45° Brass Nozzle
- 90° Brass Nozzle

- With Mounting Bracket Only (No Magnetic Positioner-Attaches directly to machine)
  - Straight Brass Nozzle
  - 45° Brass Nozzle
  - 90° Brass Nozzle

#### FORMULA 77 & 78 CONCENTRATED COOLANTS

##### Available With Or Without Magnetic Base

- Formula 77: For Tougher Service
  - Concentrated coolant
    - One gallon Formula 77
      - Case (4-1 Gallon Bottles)
        - 5 gallon pail
        - 1 gallon
        - 15 gallon drum
  - Concentrated coolant
    - One gallon Formula 78
      - Case (4-1 Gallon Bottles)
        - 5 gallon pail
        - 15 gallon drum

- Formula 78: For Regular Duty
  - Concentrated coolant
    - One gallon Formula 78
      - Case (4-1 Gallon Bottles)
        - 5 gallon pail
        - 15 gallon drum

##### Description | Part Number | Price
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Straight Brass Nozzle</td>
<td>KOOL-80SM</td>
<td>$158.00</td>
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<tr>
<td>45° Brass Nozzle</td>
<td>KOOL-80SM-45</td>
<td>$117.50</td>
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<tr>
<td>90° Brass Nozzle</td>
<td>KOOL-80SM-90</td>
<td>$117.00</td>
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<tr>
<td>Straight Brass Nozzle</td>
<td>KOOL-80S</td>
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<td>45° Brass Nozzle</td>
<td>KOOL-80S-45</td>
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<tr>
<td>90° Brass Nozzle</td>
<td>KOOL-80S-90</td>
<td>$74.00</td>
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#### TANKLESS MIST COOLANT SYSTEMS

##### For Use With Your Own Tank!

- Straight Brass Nozzle
- 45° Brass Nozzle
- 90° Brass Nozzle

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  - 90° Brass Nozzle

#### FORMULA 77 & 78 CONCENTRATED COOLANTS

##### Available With Or Without Magnetic Base

- Formula 77: For Tougher Service
  - Concentrated coolant
    - One gallon Formula 77
      - Case (4-1 Gallon Bottles)
        - 5 gallon pail
        - 15 gallon drum
  - Concentrated coolant
    - One gallon Formula 78
      - Case (4-1 Gallon Bottles)
        - 5 gallon pail
        - 15 gallon drum

- Formula 78: For Regular Duty
  - Concentrated coolant
    - One gallon Formula 78
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##### Description | Part Number | Price
<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>1 Gallon</td>
<td>KOOL-77-1</td>
<td>$40.00</td>
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<tr>
<td>5 gallon pail</td>
<td>KOOL-77-5</td>
<td>$185.00</td>
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<tr>
<td>15 gallon drum</td>
<td>KOOL-77-5</td>
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<tr>
<td>1 Gallon</td>
<td>KOOL-78-1</td>
<td>$36.00</td>
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<tr>
<td>5 gallon pail</td>
<td>KOOL-78-5</td>
<td>$178.00</td>
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<tr>
<td>15 gallon drum</td>
<td>KOOL-78-1</td>
<td>$1,799.00</td>
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<tr>
<td>1 Gallon</td>
<td>KOOL-78-1</td>
<td>$36.00</td>
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<tr>
<td>5 gallon pail</td>
<td>KOOL-78-5</td>
<td>$178.00</td>
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<tr>
<td>15 gallon drum</td>
<td>KOOL-78-1</td>
<td>$1,799.00</td>
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</tbody>
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### U S Shop Tools

- Sales: 800-243-7701
- Fax: 800-342-3311
- www.usshoptools.com

- 2014-15 Master Catalog
- 564
**MIST COOLANT SYSTEMS**

For added safety and convenience, these systems are designed for easy adjustments away from the cutting edge. Heat from the tool and part is thoroughly and quickly dissipated because sprayed coolant mist exposes a greater fluid surface area, resulting in quicker heat absorption. The extended tool life results in lower costs per part. Eliminates dry machining for milling machines, grinders, lathes, tapping machines, boring machines, drill presses, high speed saws & other metalworking equipment.

**COOLANT HOSE ON MAGNETIC BASE**

- Low profile magnetic base with 45 lbs power pull
- Hose Length: 14" 
- Optimize coolant use and tool life
- Shut off valve included

**LATHE CHUCKS**

- LIVE CENTERS
- VISE JAWS
- VISE ACCESSORIES
- STRAIGHT SHANK
- COLLET HOLDERS
- TAP HOLDERS
- DRILL CHUCKS
- CARBIDE INSERTS
- THREADING/GROOVING
- CUTTING TOOLS
- MACHINERY
- PRECISION TOOLS
- DEBURRING
- COOLANT/FLUIDS
- TOOL STORAGE

**MIST COOLANT SYSTEMS WITH STAINLESS STEEL TANKS**

Can handle most machine shop work such as drilling, tapping, engraving, cutoff saws, band saws and surface grinders. The controls of this completely portable unit are factory mounted to the tank top instead of the machine, so that the entire system can be relocated at will:

- 5/16" nipples
- Output from each nozzle is regulated by a single knob on the control
- No scrambled lines! Coolant and compressed air are brought to the nozzle separately through a coiled line, halving the number of lines to the machine

**TYPHOON UNIVERSAL SPRAY MIST SYSTEM**

The Typhoon system directs spray mist to any desired position and will remain there until you move it. The air and liquid hoses connect to the back of the Typhoon and are out of the way. Installs quickly and easily underneath the quill handle on the return spring housing on Bridgeport™ type mills. Once installed, the Typhoon becomes part of the machine and is ready for use in an instant!

**MIST COOLANT SYSTEMS WITH STAINLESS STEEL TANKS**

<table>
<thead>
<tr>
<th>Tank Cap</th>
<th>Nozzle Length</th>
<th>No. of Outlets</th>
<th>Part Number</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Gallon</td>
<td>1&quot; Flexible</td>
<td>1</td>
<td>KOOL-100NF12</td>
<td>$229.00</td>
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<tr>
<td>2 Gallon</td>
<td>1&quot; Flexible</td>
<td>2</td>
<td>KOOL-102NF12</td>
<td>$345.00</td>
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<td>3 Gallon</td>
<td>1&quot; Flexible</td>
<td>2</td>
<td>KOOL-100NT12</td>
<td>$320.00</td>
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<td></td>
<td>1&quot; Flexible</td>
<td>1</td>
<td>KOOL-102NT12</td>
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<td>1&quot; Flexible</td>
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<td>KOOL-330NT12</td>
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<tr>
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<td>2&quot; Flexible</td>
<td>2</td>
<td>KOOL-332NT12</td>
<td>$470.00</td>
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</table>

**COOLANT HOSE ON MAGNETIC BASE**

<table>
<thead>
<tr>
<th>Size</th>
<th>Part Number</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>1 Gal</td>
<td>WES-15AL</td>
<td>$59.43</td>
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<tr>
<td>5 Gal Pl</td>
<td>WES-55AL</td>
<td>$95.56</td>
</tr>
<tr>
<td>55 Gal Drum</td>
<td>WES-55GRUM</td>
<td>$1,243.95</td>
</tr>
</tbody>
</table>

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- 5/16" nipples
- Output from each nozzle is regulated by a single knob on the control
- No scrambled lines! Coolant and compressed air are brought to the nozzle separately through a coiled line, halving the number of lines to the machine

**ACCESSORIES**

- 4' Nylon Coolant Line w/ 12" Loc-Line
- 4' Nylon Coolant Line w/ 18" Loc-Line
- 6" Syphoning Line Assembly
- 4' Nylon Coolant Line w/ Positioner & 12" Loc-Line
- 4' Nylon Coolant Line w/ Positioner & 18" Loc-Line
- Nozzle w/O-Ring
- 6" Syphoning Line Assembly

**COOLANT HOSE ON MAGNETIC BASE**

- Low profile magnetic base with 45 lbs power pull
- Hose Length: 14" 
- Optimize coolant use and tool life
- Shut off valve included

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