## MINICAT AIR CAP AND FLUID NOZZLE CHART

<table>
<thead>
<tr>
<th>MODEL NO.</th>
<th>PRESS / SIPHON</th>
<th>AIR CAP</th>
<th>FLUID TIP RANGE</th>
<th>FAN CONTROL</th>
<th>AIR CAP RING</th>
<th>AVAILABLE FLUID NOZZLES</th>
<th>NEEDLES</th>
</tr>
</thead>
<tbody>
<tr>
<td>MINICAT</td>
<td>Pressure / Siphon</td>
<td>21-M66</td>
<td>0.6 - 1.8</td>
<td>None</td>
<td>21-203</td>
<td>31-0606 0.6mm (.022&quot;)</td>
<td>40-M407</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>0.6 - 1.8</td>
<td></td>
<td></td>
<td>31-0607 0.7mm (.028&quot;)</td>
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<tr>
<td></td>
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<td></td>
<td>0.6 - 1.8</td>
<td></td>
<td></td>
<td>31-0610 1.0mm (.040&quot;)</td>
<td>40-M110</td>
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<tr>
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<td></td>
<td>0.6 - 1.8</td>
<td></td>
<td></td>
<td>31-0612 1.2mm (.046&quot;)</td>
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<td>0.6 - 1.8</td>
<td></td>
<td></td>
<td>31-0613 1.3mm (.052&quot;)</td>
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<tr>
<td></td>
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<td></td>
<td>0.6 - 1.8</td>
<td></td>
<td></td>
<td>31-0615 1.5mm (.059&quot;)</td>
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<td></td>
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<td></td>
<td>0.6 - 1.8</td>
<td></td>
<td></td>
<td>31-0618 1.8mm (.070&quot;)</td>
<td>40-1115</td>
</tr>
</tbody>
</table>

*Gun inlet pressures may vary as required by application*
Operation and Maintenance Instructions for *MiniCAT* Spray Guns

**Operation**
1. Connect air supply hose at handle of gun.
2. Connect a pressurized fluid supply or paint siphon supply to the gun fluid inlet.

**Maintenance**

IMPORTANT! Routine cleaning and maintenance is essential to insure proper gun operation.

Several states prohibit spraying solvent into the atmosphere and require the use of covered gun cleaner.

1. If a gun cleaner is being used, connect and clean the gun in the gun cleaner according to the manufactures instructions.
2. If a gun cleaner is not being used:
   - Remove air cap and clean separately using clean solvent.
   - For pressure setups, connect a pressurized solvent supply to the fluid inlet, trigger the gun allowing solvent to flow thru the gun until clean.
   - For siphon setups, first clean the siphon supply container thoroughly then spray clean solvent thru the gun until clean.

**NOTE:** Gun head disassembly is not recommended for normal cleaning and maintenance.

**Gun disassembly and reassembly instructions:**

Have repair kit # 10-109 available before gun disassembly.

**Spray gun disassembly**
1. Use this procedure to fully disassemble the spray gun for major repairs.
2. Remove needle (9), air piston (6), and needle seal (5) from rear of spray gun. Removal of the needle seal requires a 7/16” socket.
3. Remove fluid tip (3) from front of spray gun using 3/8” thin wall socket.
4. Clean any remaining material from the exposed parts with solvent.
<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>PART NO.</th>
<th>DESCRIPTION</th>
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<th>PART NO.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>See Air Cap Chart</td>
<td>Air Cap Ring**</td>
<td>7</td>
<td>98-7115</td>
<td>O-Ring, Piston*</td>
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<tr>
<td>2</td>
<td>See Air Cap Chart</td>
<td>Air Cap**</td>
<td>8</td>
<td>98-7006</td>
<td>O-Ring, Needle*</td>
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<tr>
<td>3</td>
<td>See Air Cap Chart</td>
<td>Fluid Tip**</td>
<td>9</td>
<td>See Air Cap Chart</td>
<td>Needle Assembly**</td>
</tr>
<tr>
<td>4</td>
<td>60-651</td>
<td>MiniCAT Gun Body</td>
<td>10</td>
<td>60-655</td>
<td>Needle Return Spring*</td>
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<tr>
<td>5</td>
<td>61-1026</td>
<td>Needle Seal Assembly*</td>
<td>11</td>
<td>60-652</td>
<td>End Cap</td>
</tr>
<tr>
<td>6</td>
<td>60-653</td>
<td>Piston</td>
<td>12</td>
<td>60-608</td>
<td>Fluid Control Knob</td>
</tr>
</tbody>
</table>

**See air cap selection chart on page 1
*Indicates part included in repair kit # 10-109