**Specifications**

- NFPA Compliant, Analog Automatic System
- CSA Approved Power Source included
- Adjustable line regulator
  - MLC 40–85 psig
  - MLCHP 40–180 psig
- Maximum flow:
  - MLC 750 scfh
  - MLCHP 800 scfh
- Maximum inlet pressure 350 psig (MLC)
- Manifold outlet: 1/2" NPT male
- Relief valve outlet: 1/4" NPT male
- 72º Cryogenic pigtails with check valves
- Minimum inlet pressure:
  - MLC 125 psig
  - MLCHP 250 psig
- MLC Series for use with 235 psig relief valve Dewars
- MLCHP Series for use with 350 psig relief valve Dewars
- Connects to remote alarms systems (Up to 3 amps 30 VDC or 2 amps 250 VAC)

**HOW TO ORDER**

**Specify:** Control Type (V)–Service (W)–Number of Liquid Cylinders (X)
Number of Reserve H.P. Cylinders (Y)–Number of Secondary H.P. Cylinders (Z)

*Example MLC–9–2–6 represents MLC with Oxy Liquid gas service for Cryogenic Cylinder per side, 6 HP Reserve Cylinders.*

<table>
<thead>
<tr>
<th>CONTROL TYPE (V)</th>
<th>GAS SERVICE (W)</th>
<th># OF LIQUID CYL’S (X)</th>
<th># OF RESERVED HIGH PRESSURE CYLINDERS (Y)</th>
<th># OF SECONDARY HIGH PRESSURE CYLINDERS (Z)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>MLC (40–85 psig)</td>
<td>(3) Argon</td>
<td>CA–580</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MLCHP (40–180 psig)</td>
<td>(4) Carbon Dioxide</td>
<td>CA–320</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(7) Nitrogen</td>
<td>CA–580</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(8) Nitrous Oxide</td>
<td>CA–326</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>(9) Oxygen</td>
<td>CA–540</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Hybrid only. Hybrid systems are designed for High Pressure cylinders as the secondary supply.

**Note:** Manifold system flow is limited by the max. flow capacity of the liquid cylinder. Consult cylinder manufacturer for flow data. System flow capacity may be increased with the addition of liquid cylinders.

For more information, call Western Customer Service at 1-800-783-7890
MLC Hybrid-Liquid X High Pressure
with High Pressure Reserve

Four Examples of MLC Configurations

Many other arrangements are possible.

Plugs from Headers
(Use here)

Reserve in use switch
(WME-4-14)

Optional
WMS-15-11

Dual Line Assembly

Reserve Manifold

Reserve Low Switch
(WME-4-10 or WME-4-9 for CO₂/N₂O)

Manifold Control Unit

Left Liquid Container Bank

Flow

Pipe-away Adaptor [WMV-8-7]
450 PSI Relief [WMV-8C-450]

Right Liquid Container Bank

Flow

Pipe-away Adaptor [WMV-8-7]
150 PSI Relief for standard pressure units [WMV-8C-150]
300 PSI Relief for high pressure units [WMV-8C-300]

MODEL: Hybrid MLC(HP)-W-X-Y-Z

NOTE: Optional WMS-15-11 used in this assembly.

*Other configurations possible

For more information, call Western Customer Service at 1-800-783-7890

MODEL: MLC(HP)-W-X-YL

Pipe-away Adaptor (WMV-8-7)
150 PSI Relief for standard pressure units [WMV-8C-150]
300 PSI Relief for high pressure units [WMV-8C-300]