The MA-RC Series central chiller provides precision temperature control from an economically affordable and reliable unit. Perfect for applications such as plastic injection molding, blow molding, extrusion and other industrial applications. A pump tank station is required to distribute the chilled water to the application use-points.

The MA-RC model allows for the primary chiller to stay indoors, while the remote condenser is installed outdoors. Chilling modules are offered in single, dual and triple zone configurations.

**REFRIGERANT CIRCUITS (per zone):**
- Discus reciprocal, Scroll or Screw compressors
- Compressor suction service valve
- Compressor discharge service valve
- Brazed plate evaporator or shell and tube evaporator
- Remote air-cooled condenser
- Liquid line solenoid valve
- Refrigerant sight glass with moisture indicator
- Thermostatic expansion valve
- Hot gas by-pass capacity control or compressor unloading
- Liquid receiver
- 410A refrigerant
- Oil separator (units with scroll and reciprocating compressors)

**LIMIT DEVICES (per zone):**
- High refrigerant pressure
- Low refrigerant pressure
- Evaporator flow

**PRESSURE GAUGES (per zone):**
- Refrigerant high pressure gauge
- Refrigerant low pressure gauge
- Coolant pressure gauge

**ELECTRICAL:**
- Fused transformer
- Nema rated electrical cabinet
- Power entry terminal block
- Fused compressor motor starter (dual and triple zone models)

**CHILLER CONTROL INSTRUMENT:**
- Microprocessor, multizone controller
- Intelligent zone boards
- °F or °C display
- Large setup display
- Refrigerant circuit indicators
- Water circuit indicators
- SPI communications interface
- Selectable lead/lag mode
- Audible and visual alarm

**WARRANTY & SERVICE**
- 1 year on parts & labor
- Nationwide network of service contractors

**OPTIONS:**
- Compressor CCPR valve
- Compressor hour meter
- Remote display kit
- Color touch screen PLC
- Extended compressor warranty
- UL listed electrical panel
### Specifications

**Model:** Since 1989 ... Price & Performance .... for the Long Term

**For More Information ... call 317-887-6352**

**525 East Stop 18 Road** Greenwood, IN 46142   317-887-6352   fax: 317-881-1277   Web site: www.Temptek.com   Email: sales@Temptek.com

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<table>
<thead>
<tr>
<th><strong>Specifications</strong></th>
<th><strong>MAR-C-5</strong></th>
<th><strong>MAR-C-7.5</strong></th>
<th><strong>MAR-C-10</strong></th>
<th><strong>MAR-C-15</strong></th>
<th><strong>MAR-C-20</strong></th>
<th><strong>MAR-C-25</strong></th>
<th><strong>MAR-C-30</strong></th>
<th><strong>MAR-C-40</strong></th>
<th><strong>MAR-C-50</strong></th>
<th><strong>MAR-C-60</strong></th>
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<td><strong>Refrigerant Circuits</strong></td>
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<tr>
<td><strong>Capacity</strong></td>
<td>Tons</td>
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<td>7.5</td>
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<td>SC/S</td>
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<td><strong>Connection Sizes</strong></td>
<td>[pounds]</td>
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<td></td>
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<tr>
<td><strong>To/From Process</strong></td>
<td>1½”</td>
<td>1½”</td>
<td>1½”</td>
<td>2</td>
<td>2”</td>
<td>2½”</td>
<td>2½”</td>
<td>3¼”</td>
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<td><strong>Flow Requirements</strong></td>
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<td>@ 3ø / 60 Hz</td>
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<td>31</td>
<td>43</td>
<td>60</td>
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<tr>
<td><strong>Dimensions (inches)</strong></td>
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<td>52</td>
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<tr>
<td><strong>Weight (pounds)</strong></td>
<td>Shipping</td>
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<td>1,300</td>
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</tbody>
</table>

**Remote Air-Cooled Condenser**

**Quantity** | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1

**Connection**

- Liquid: 1½”
- Hot Gas: 1½”

**Air Flow**

- Fan Quantity: 1

**Unit Amperage**

- @ 3ø / 60 Hz: 230 Volts
- 460 Volts
- 575 Volts

**Dimensions (inches)**

- Height: 49
- Width: 46
- Depth: 50

**Weight (pounds)**

- Shipping: 380

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**Notes**

1. Since product innovation and improvement is our constant goal, all features and specifications are subject to change without notice.
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3. Change without notice or liability.

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