FEATURES

Built-in Magnetic Contactors allow the use of standard pressure switches, prolong switch life and eliminate the need to source and install separate contactors, saving installation time and reducing total system component costs.

Voltage Relay for installer convenience

230 volt standard models

Start Capacitors for starting torque

Run Capacitors for efficiency and quiet operation

Type N1 enclosure for indoor mounting

Multiple knockouts and two ground terminals

Manual reset overload circuit breakers

These control boxes will be replaced in Q2, 2011 by new NEMA 3R Outdoor Rated models. The new bulletin was not ready at press time. See it on our website, www.xyleminc.com/brands/centripro, bulletin code will be BC6CBOX.
### CONTROL BOXES FOR 6" CENTRIPRO (HITACHI) SINGLE PHASE MOTORS*

<table>
<thead>
<tr>
<th>Control Box Order Number</th>
<th>Use On Motor No.</th>
<th>HP</th>
<th>Volts</th>
<th>Capacitor Ratings (MFD)</th>
<th>Contactor Rating</th>
<th>Circuit Breaker</th>
<th>Enclosure Dimensions</th>
<th>Shipping Wt. (lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CB05MC</td>
<td>6M051</td>
<td>5</td>
<td>230</td>
<td>200 / 330V</td>
<td>30A</td>
<td>SQ-QOU130</td>
<td>12.1&quot; H x 12.1&quot; W x 4.4&quot; D</td>
<td>15</td>
</tr>
<tr>
<td>CB07MC</td>
<td>6M071</td>
<td>7.5</td>
<td>230</td>
<td>243 - 292 / 330V</td>
<td>40A</td>
<td>SQ-QOU145</td>
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<tr>
<td>CB10MC</td>
<td>6M101</td>
<td>10</td>
<td>230</td>
<td>(Qty 2) 161 - 193 / 330V</td>
<td>(2) 25 / 440V</td>
<td>70A</td>
<td>20.5&quot; H x 14.1&quot; W x 7.6&quot; D</td>
<td>27</td>
</tr>
<tr>
<td>CB15MC</td>
<td>6M151</td>
<td>15</td>
<td>230</td>
<td>(Qty 2) 216 - 260 / 330V</td>
<td>(2) 35 / 440V</td>
<td>90A</td>
<td></td>
<td></td>
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<tr>
<td>CB15MC100</td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

* Overload circuit breaker is rated at 100 amps versus 90 amp standard in CB15MC. Use in areas with high ambient temperatures to reduce nuisance tripping.

* CentriPro (Hitachi) motors can only be operated using these control boxes, Franklin Electric control boxes will not work and will void the ITT CentriPro warranty.

Do not use these control boxes on Franklin Electric 6" motors as the overloads and capacitors are not the same as used by FE, using these will void FE’s warranty.

### WIRING - ALL

- **CIRCUIT BREAKER**: M
- **PRESSURE SWITCHES**: Optional
- **RED**, **BLK**, **YEL**: Motor Terminals
- **GREEN**: Ground
- **LINE 1** and **LINE 2**: Power Lines
- **PRESSURE SWITCH**: Control Switch
- **START RELAY**: Control Unit
- **START CAPACITORS**: Start Capacitors
- **RUN CAPACITORS**: Run Capacitors

### 230 VOLT 1 PHASE

<table>
<thead>
<tr>
<th>HP</th>
<th>MAX. FLA.</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>24</td>
</tr>
<tr>
<td>7½</td>
<td>36</td>
</tr>
<tr>
<td>10</td>
<td>50</td>
</tr>
<tr>
<td>15</td>
<td>72</td>
</tr>
</tbody>
</table>
5 AND 7.5 HP DIMENSIONS

10 AND 15 HP DIMENSIONS

WARNING
To reduce risk of electrical shock this control box must be grounded. Refer to the National Electrical Code and applicable local codes for proper grounding procedures.
Xylem |ˈzɪləm|

1) The tissue in plants that brings water upward from the roots;  
2) a leading global water technology company.

We’re 12,500 people unified in a common purpose: creating innovative solutions to meet our world’s water needs. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. We move, treat, analyze, and return water to the environment, and we help people use water efficiently, in their homes, buildings, factories and farms. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise, backed by a legacy of innovation.

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