Modulation Capacity Control Kit

3D modulation is as simple as adding a cycle timer module to a 3D digital compressor.

Do you need a way to match changing load requirements?

Emerson has a cost effective way to provide up to 50% capacity modulation on existing systems through the use of a 3D digital compressor with field retrofit capacity control. In addition to matching load, this compression/control will provide less cycles resulting in greater efficiency and reliability.

Benefits

• Significant savings over complete digital retrofit kit
• Ability to upgrade to full digital modulation
• Drop-in replacement for 3D Moduload
• No supervisory controller required
• Uses existing wiring and control circuit
• 50% capacity and reduced energy consumption
• Ideal for condensing units
  – Walk-in coolers/freezers
  – Process chillers
• Simple to install

Features

• Controller for condensing unit applications
• Compatible with Emerson pressure transducers
• Overlapping voltages
• Digital timing, solid-state output
• ± 0.1 % repeat accuracy
• Multiple refrigerants

Kits

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cycle timer module kit</td>
<td>943-0035-00</td>
</tr>
<tr>
<td>MT digital unloader kit</td>
<td>980-0075-00</td>
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<tr>
<td>LT digital unloader kit</td>
<td>980-0075-01</td>
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