

# IntelliCon® Hydronic Heating Economizers

MODEL	SYSTEM REQUIREMENTS	TARGET FACILITIES	TYPICAL SAVINGS
CHW CHW  Wi-Fi #1210 #1211	<ul style="list-style-type: none"> <li>Hydronic Boiler with non-proportional burner</li> <li>Input rating greater than 2.5 million BTU / hour</li> <li>Fueled by #2, #4 or #6 heating oil, natural gas or propane</li> <li>CHW can be used on boilers with an internal coil for domestic hot water</li> <li> Wi-Fi enabled CHW sends operational information and settings to your 'smart' phone, tablet or PC</li> </ul>	<ul style="list-style-type: none"> <li>Schools, Colleges &amp; Universities</li> <li>Hotels and Resorts</li> <li>Large Catering Facilities</li> <li>Commercial Office Buildings</li> <li>Apartment Buildings,</li> <li>Garden Apartments</li> <li>Residential Cooperatives</li> <li>Governmental Buildings</li> <li>Other large scale heating systems</li> </ul>	Fuel savings range from <b>11% to 28%</b> with some documented savings over 50%. The average realized savings for this control is <b>20.8%</b> in the first year after installation.
LCH #1220	<ul style="list-style-type: none"> <li>Hydronic Boiler with non-proportional burner</li> <li>Input rating between 400,000 and 2.5 million BTU / hour</li> <li>Fueled by #2, #4 or #6 heating oil, natural gas or propane</li> <li>LCH can be used on boilers with an internal coil for domestic hot water</li> </ul>	<ul style="list-style-type: none"> <li>Schools, Colleges &amp; Universities</li> <li>Hotels and Resorts</li> <li>Catering Facilities</li> <li>Commercial Office Buildings</li> <li>Apartment Buildings</li> <li>Residential Cooperatives</li> <li>Restaurants</li> <li>Health clubs</li> <li>Governmental Buildings</li> <li>Other mid sized heating systems</li> </ul>	Fuel savings range from <b>11% to 38%</b> . The average realized savings for this control is <b>17.7%</b> in the first year after installation.

HW+ #3250	<ul style="list-style-type: none"> <li>Hydronic Boiler with non-proportional burner</li> <li>Input rating less than 400,000 BTU / hour</li> <li>Fueled by #2 heating oil, natural gas or propane</li> <li>HW+ can be used on boilers with an internal DHW coil</li> </ul>	<ul style="list-style-type: none"> <li>Single family and small multi-family homes</li> <li>Apartment Buildings,</li> <li>Garden Apartments</li> <li>Residential Cooperatives</li> <li>Restaurants</li> <li>Health clubs</li> <li>Other small to mid-sized heating systems or DHW systems</li> </ul>	Fuel savings range from <b>10% to 22%</b> . The average realized savings for this control is <b>14.3%</b> in the first year after installation.
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# IntelliCon® Steam Heating Economizer

MODEL	SYSTEM REQUIREMENTS	TARGET FACILITIES	TYPICAL SAVINGS
CHS CHS  Wi-Fi #1110 #1112	<ul style="list-style-type: none"> <li>Steam Heating Boiler with non-proportional burner</li> <li>Input rating greater than 2.5 million BTU / hour</li> <li>Burner must cycle off when set PSI is reached</li> <li>Boiler must maintain a minimum operating pressure of 1.5 psi</li> <li>Fueled by #2, #4 or #6 heating oil, natural gas or propane</li> <li>CHS can be used on boilers with an internal coil for domestic hot water</li> <li> Wi-Fi enabled CHS sends operational information and settings to your 'smart' phone, tablet or PC</li> </ul>	<ul style="list-style-type: none"> <li>Schools, Colleges &amp; Universities</li> <li>Hotels and Resorts</li> <li>Large Catering Facilities</li> <li>Commercial Office Buildings</li> <li>Apartment Buildings,</li> <li>Garden Apartments</li> <li>Residential Cooperatives</li> <li>Health Care / Assisted Living</li> <li>Governmental Buildings</li> <li>Other large scale steam heating systems</li> </ul>	Fuel savings range from <b>12% to 23%</b> with some documented savings over 50%. The average realized savings for this control is <b>19.0%</b> in the first year after installation.

# IntelliCon<sup>®</sup> Forced-Air Heating Economizers

MODEL	SYSTEM REQUIREMENTS	TARGET FACILITIES	TYPICAL SAVINGS
FA #3300	<ul style="list-style-type: none"> <li>• Warm air furnace with non-proportional burner</li> <li>• Single stage burners and some two stage burners</li> <li>• Input rating up to 400,000 BTU / hour</li> <li>• Fueled by #2 heating oil, natural gas or propane</li> <li>• Up-flow, counter-flow or horizontal discharge systems</li> <li>• Unit heaters</li> </ul>	<ul style="list-style-type: none"> <li>• Single &amp; small multi-family homes</li> <li>• Health Care facilities</li> <li>• Restaurants</li> <li>• Convenience Stores</li> <li>• Shopping Malls</li> <li>• Health clubs</li> <li>• MFG and warehouses</li> <li>• Other small to mid sized forced air heating systems</li> </ul>	<p>Fuel savings range from <b>10% to 18%</b>. The average realized savings for this control is <b>13.4%</b> in the first year after installation.</p>



# IntelliCon<sup>®</sup> Cooling Economizers

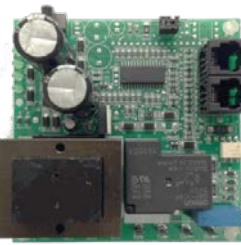
MODEL	SYSTEM REQUIREMENTS	TARGET FACILITIES	TYPICAL SAVINGS
AC #3400	<ul style="list-style-type: none"> <li>• Package or split AC systems with compressors rated between 1.5 and 4 tons</li> <li>• Reciprocating or scroll type compressors</li> <li>• Hermetic or semi-hermetic style compressors</li> </ul>	<ul style="list-style-type: none"> <li>• Single family homes and condos</li> <li>• Small office buildings</li> <li>• Hotels with PTAC units</li> </ul>	<p>Electricity KWH savings range from <b>10% to 19%</b>. The average realized savings for this control is <b>13.5%</b> in the first year after installation.</p>



CAC #2400	<ul style="list-style-type: none"> <li>• Commercial package or split AC systems with compressors rated 4 tons or larger</li> <li>• Can be used on multi-stage systems</li> <li>• Reciprocating or scroll type compressors</li> <li>• Hermetic or semi-hermetic style compressors</li> </ul>	<ul style="list-style-type: none"> <li>• Schools, Colleges &amp; Universities</li> <li>• Hotels and Resorts</li> <li>• Convenience Stores</li> <li>• Commercial Office Buildings</li> <li>• Apartment Buildings</li> <li>• Health Care / Assisted Living</li> <li>• Family &amp; Fast Food Restaurants</li> <li>• Health clubs</li> <li>• Governmental Buildings</li> </ul>	<p>Electricity KWH savings range from <b>10% to 28%</b>. The average realized savings for this control is <b>16.3%</b> in the first year after installation.</p>
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PTAC #2600	<ul style="list-style-type: none"> <li>• Package thru the wall systems with compressors rated between 1.5 and 4 tons</li> <li>• Reciprocating or scroll type compressors</li> <li>• Hermetic or semi-hermetic style compressors</li> <li>• Compatible with heat pumps</li> </ul>	<ul style="list-style-type: none"> <li>• Single family homes and condos</li> <li>• Small office buildings</li> <li>• Hotels with PTAC units</li> <li>• Assisted living facilities</li> </ul>	<p>Electricity KWH savings range from <b>10% to 19%</b>. The average realized savings for this control is <b>13.5%</b> in the first year after installation.</p>
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RU #2500	<ul style="list-style-type: none"> <li>• Commercial refrigeration systems with compressors rated 1.5 HP or larger</li> <li>• Reciprocating or scroll type compressors</li> <li>• Hermetic or semi-hermetic style compressors</li> </ul>	<ul style="list-style-type: none"> <li>• Cafeterias</li> <li>• Refrigerated Warehouses</li> <li>• Convenience Stores</li> <li>• Restaurants / Catering</li> <li>• Mid-sized to large food / produce storage facilities</li> <li>• Small Food stores with glass door and open front display cases</li> </ul>	<p>Electricity KWH savings range from <b>10% to 28%</b>. The average realized savings for this control is <b>16.3%</b> in the first year after installation.</p>
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