





IntelliCon® Hydronic Heating Economizers

MODEL	SYSTEM REQUIREMENTS	TARGET FACILITIES	TYPICAL SAVINGS
CHW CHW Wi-Fi  #1210 #1211	<ul style="list-style-type: none"> Hydronic Boiler with non-proportional burner Input rating greater than 2.5 million BTU / hour Fueled by #2, #4 or #6 heating oil, natural gas or propane CHW can be used on boilers with an internal coil for domestic hot water Wi-Fi enabled CHW sends operational information and settings to your 'smart' phone, tablet or PC 	<ul style="list-style-type: none"> Schools, Colleges & Universities Hotels and Resorts Large Catering Facilities Commercial Office Buildings Apartment Buildings, Garden Apartments Residential Cooperatives Governmental Buildings Other large scale heating systems 	Fuel savings range from 11% to 28% with some documented savings over 50%. The average realized savings for this control is 20.8% in the first year after installation.
LCH  #1220	<ul style="list-style-type: none"> Hydronic Boiler with non-proportional burner Input rating between 400,000 and 2.5 million BTU / hour Fueled by #2, #4 or #6 heating oil, natural gas or propane LCH can be used on boilers with an internal coil for domestic hot water 	<ul style="list-style-type: none"> Schools, Colleges & Universities Hotels and Resorts Catering Facilities Commercial Office Buildings Apartment Buildings Residential Cooperatives Restaurants Health clubs Governmental Buildings Other mid sized heating systems 	Fuel savings range from 11% to 38% . The average realized savings for this control is 17.7% in the first year after installation.
HW+  #3250	<ul style="list-style-type: none"> Hydronic Boiler with non-proportional burner Input rating less than 400,000 BTU / hour Fueled by #2 heating oil, natural gas or propane HW+ can be used on boilers with an internal DHW coil 	<ul style="list-style-type: none"> Single family and small multi-family homes Apartment Buildings, Garden Apartments Residential Cooperatives Restaurants Health clubs Other small to mid-sized heating systems or DHW systems 	Fuel savings range from 10% to 22% . The average realized savings for this control is 14.3% in the first year after installation.

IntelliCon® Steam Heating Economizer

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

IntelliCon[®] Forced-Air Heating Economizers

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



IntelliCon[®] Cooling Economizers

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



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