INTUITIVE AND SIMPLE

Trenton Refrigeration’s ESP+ intuitive evaporator control technology is designed to replace traditional electro-mechanical refrigeration controls typically used on medium and low temperature applications. By combining award winning adaptive technology along with an electronic expansion valve, Trenton Refrigeration continues Leading The Way with innovative, state-of-the-art designs.

On most models, its two pipes, two wires and you’re done. No interconnecting control wiring between the evaporator and the condensing unit is required.*

*Bvisit t-rp.com/esp for details

BENEFITS

• Quick simple installation
• Improved evaporator performance by minimizing excessive frost on the evaporator
• Eliminates ice build up on surfaces and product
• Energy savings through evaporator fan management
• Energy savings with reduction in the number of defrost cycles
• Defrost heater management
• Improved system diagnostics and service through advanced alarm notification text/email
• Remote monitoring & system control
• User friendly interface
• Precise temperature control for prolonged product shelf life
• Improved product integrity with less potential for spoilage
• Downloadable data provides system history for prior 30 days
• Remotely view and change system parameters and alarm settings
• Manually control system
• Easily troubleshoot issues

WHAT IT CONTROLS

• Box Temperature
• Superheat
• Defrost Initiation
• Defrost Termination
• Fan Motors
• Defrost Heater (Electric Defrost Models)

Available on most Trenton Refrigeration Evaporators

VISIT T-RP.COM/ESP FOR DETAILS
TIMED DEFROST VS ADAPTIVE DEFROST

Room and Coil temp – Month

86% fewer defrost cycles
• Enhanced system performance
• Energy savings
• Improved product integrity

* Data may vary depending on application

<table>
<thead>
<tr>
<th>FEATURE COMPARISONS</th>
<th>ESP+</th>
<th>COMPETITOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adaptive control for air/electric defrost applications</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>“Bonding” ability for up to 8 controllers to maintain high efficiency on single or multiple unit cooler installs. Not master/slave set up</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Can be applied on a variety of evaporator styles</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Ability for integration with door switch to improve efficiency and reduce frost issues</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Can be easily configured with lead/lag systems</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Ability to send text/email alarms</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Effectively eliminates icing issues</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Local web pages, graphs and data logging for ease of trouble shooting/set point changes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Ability to view and control system operation remotely to assist contractor with system diagnostics</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>
SYSTEMS SAVINGS SOLUTIONS

Trenton Refrigeration offers a complete line of commercial refrigeration products. From the smallest unit to the very largest, Trenton Refrigeration brings experience and commitment to the refrigeration industry - beginning with product design and engineering, and continuing through manufacturing, sales and after market support.

Trenton Refrigeration continues to Lead The Way, providing an award-winning line of Systems Savings Solutions, designed to reduce environmental impact, reduce energy consumption, increase system efficiency and more.

**LIMITROL+**

Floating Head Pressure Control System

Limitrol+ combines various technologies into a responsive system that floats head pressure, saving energy and reducing environmental impact.

**LINK/LINK+**

Multi-Compressor Refrigeration System

Provides a conveniently centralized package for compressors, electrical and controls, allowing for maximized merchandising space.

**SMARTSPEED™**

Fan Motor Technology

Simple, innovative EC motor technology offers significant energy savings through an award winning patented system configuration.

**QUIETUNIT**

Refrigeration Duty Condensing Units

The award winning Quiet Unit is designed for refrigeration duty, and ideally suited for applications where space limitations, energy efficiency or sound levels are of concern.

For more information, visit [T-RP.COM/ESP](http://T-RP.COM/ESP) or contact our Product Specialists:

EVAPS@T-RP.COM

1-844-893-3222

EXT. 520