

INTRODUCING

ChargeSecure™



Preserving Your
Refrigeration System
Charge with Confidence

Why ChargeSecure™?

Maintaining a charge on your CO₂ refrigeration system during power outages or service events is critical. That's why we're proud to introduce ChargeSecure - the innovative solution that preserves the charge in your CO₂ rack during power outages and service events, allowing you to get your refrigeration system back up and running more quickly when the power returns.

How ChargeSecure Works

Designed exclusively for Hillphoenix CO₂ refrigeration systems, ChargeSecure is a cutting-edge device engineered with retailers in mind. When the system detects a power loss and system pressure increases beyond a predefined threshold, ChargeSecure automatically kicks in. It maintains CO₂ pressure in the flash tank by compressing the CO₂ into the gas cooler and expanding it back into the flash tank compressing the CO₂ into the gas cooler and expanding it back into the flash tank.

Key Features of ChargeSecure



Automatic Operation

ChargeSecure operates autonomously, requiring no manual intervention during power outages or service events.



Environmentally Friendly

ChargeSecure is an environmentally friendly solution because it uses natural CO₂ refrigerant to operate.



Easy Integration

ChargeSecure is factory-installed on new systems and designed for seamless installation into existing systems in the field.



Independent Power

ChargeSecure can be powered either by a backup generator or a Hillphoenix-supplied UPS / battery module.

Benefits of ChargeSecure



Charge Preservation

By compressing the CO₂ into the gas cooler and expanding it into the flash tank, ChargeSecure prevents losses by ensuring that your refrigeration system maintains its charge – so your rack can start immediately when power comes back on.



Reliability Enhancement

With ChargeSecure in place, you can trust that your refrigeration system will continue to function reliably, even in challenging circumstances.



Cost Savings

Avoid the expenses of recharging with CO₂ refrigerant and protect your perishable goods from loss.



Peace of Mind

You can rest assured that your refrigeration system is secure and your products are safe.

** Hillphoenix will supply ChargeSecure to be EXCLUSIVELY installed on Hillphoenix's CO₂ racks.*

EXPERIENCE THE DIFFERENCE WITH **ChargeSecure™**



Don't let power outages or service events disrupt your refrigeration system. Choose ChargeSecure™ for reliable and efficient preservation of your refrigeration charge. Contact us today to learn more and schedule your installation.

Hillphoenix.

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**Fresh thinking.
Responsible solutions.**