



# PX G1300™ for CO<sub>2</sub> Refrigeration

With PX G1300-enabled CO<sub>2</sub> Systems, Save When You Buy, Save When You Operate

## ENJOY SAVINGS THROUGHOUT THE LIFE OF YOUR SYSTEM WITH THE PX G1300

The capital costs of PX G1300-enabled CO<sub>2</sub> systems are comparable to standard CO<sub>2</sub> systems and those utilizing energy savings measures<sup>1</sup>. Once your PX G1300-enabled system is operating, you'll also benefit from a lower energy bill and improved bottom line compared to alternative CO<sub>2</sub> systems<sup>2</sup>.

With the PX G1300, you can future proof your CO<sub>2</sub> system and increase your cooling capacity. The effectiveness of PX G1300-enabled CO<sub>2</sub> systems improves at increasingly higher temperatures. The PX G1300 is based on a proven, virtually maintenance-free technology that has been saving customers energy for over 20 years.

## A PX G1300-ENABLED CO<sub>2</sub> SYSTEM IS FUTURE SAFE FOR RISING TEMPERATURES

The PX G1300's energy savings efficiency improves at higher temperatures<sup>3</sup>. Put differently, assuming the same energy usage, a PX G1300-enabled system can provide increased cooling capacity compared to a standard CO<sub>2</sub> system, which means as the temperatures continue to rise – a reality all stores will face as our world continues to warm – you may be able to delay replacement or addition of higher capacity equipment to keep your system working.

<sup>1</sup>Based on the anticipated offering price of the PX G1300 Integrated System Design 1 (which is available on our website) compared to a standard CO<sub>2</sub> refrigeration system with no energy savings measures.

<sup>2</sup>Based on Energy Recovery estimates. Actual results may vary based on multiple factors including system architecture, cost of electricity, ambient temperature, square footage and size of the store, variable loading of the refrigeration system, time of day and geographic location.

<sup>3</sup>Based on Energy Recovery laboratory and modeling results.

## PX G1300 BENEFITS

- Reduces energy bill and improves bottom line
- Virtually maintenance-free
- Efficiency improves at higher temperatures
- Reduces carbon emissions by lowering energy consumption
- Makes your store more energy efficient



\*Based on Energy Recovery's PX product history & performance

**READY TO LOWER YOUR COSTS AND EMISSIONS WITH THE PX G1300™?**

Email [CO2@energyrecovery.com](mailto:CO2@energyrecovery.com) or visit [energyrecovery.com/co2](http://energyrecovery.com/co2)

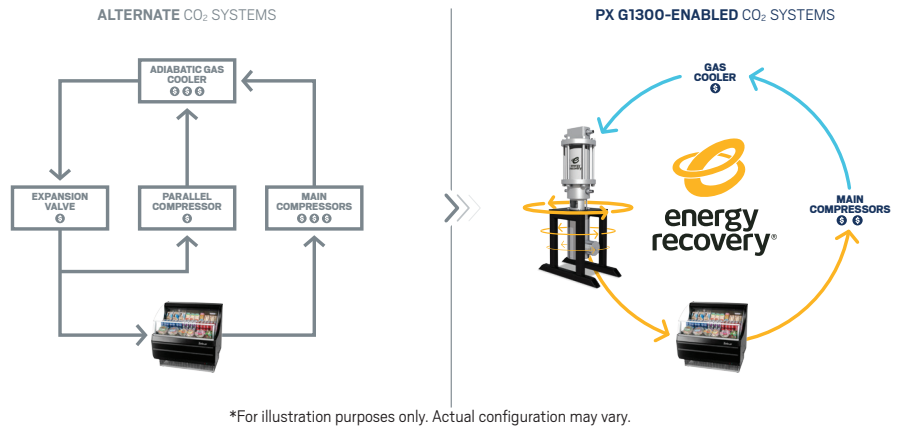
**LOWER YOUR CARBON FOOTPRINT WITH A PX G1300-ENABLED CO2 SYSTEM**

PX G1300-enabled CO2 systems lower energy consumption, thereby reducing carbon emissions - helping you meet your sustainability goals.

**QUALIFY FOR GOVERNMENT ENVIRONMENTAL TAX BREAKS WITH A PX G1300-ENABLED CO2 SYSTEM**

PX G1300-enabled CO2 systems make your store more energy efficient, enabling you to potentially qualify for government tax breaks under the U.S. Inflation Reduction Act or similar EU measures.

**PX G1300-ENABLED CO2 SYSTEM ARCHITECTURE VS. ALTERNATIVE CO2 SYSTEMS**



**14.5M**

Metric tons of carbon emissions avoided\*

**30TWh**

Saved in electricity consumption\*

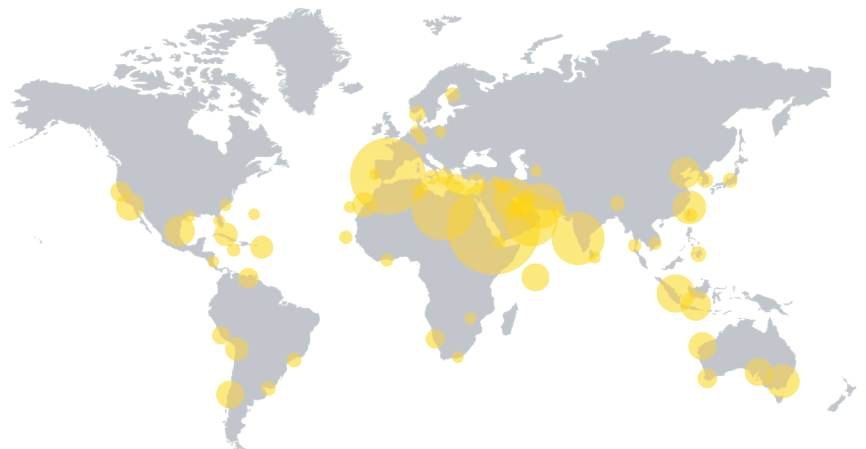
**\$3.9B**

Energy expenses saved by customers\*

**Energy Recovery (NASDAQ: ERII)** creates technologies that solve complex challenges for industrial fluid-flow markets worldwide. Building on our pressure exchanger technology platform, we design and manufacture solutions that make industrial processes more efficient and sustainable. What began as a game-changing invention for desalination has grown into a global business accelerating the environmental sustainability of customers' operations in multiple industries. Headquartered in the San Francisco Bay Area, Energy Recovery has manufacturing, research and development facilities across California and Texas with sales and on-site technical support available globally. For more information, please visit [www.energyrecovery.com](http://www.energyrecovery.com).

**OUR CORE TECHNOLOGY**

Our company was founded on a core technological innovation: the PX® Pressure Exchanger®. The PX recycles pressure energy within industrial systems, capturing it and redistributing it throughout the system to save energy, lower costs, and reduce waste and emissions. It acts as a fluid piston, transferring energy between high-pressure and low-pressure liquids (and in some cases gas) through a ceramic rotor with up to 98% efficiency. Designed with only one moving part using highly engineered alumina ceramic, the PX can withstand extremely harsh environments and requires no scheduled maintenance.



\*Energy Recovery estimates

**READY TO LOWER YOUR COSTS AND EMISSIONS WITH THE PX G1300™?**

Email [CO2@energyrecovery.com](mailto:CO2@energyrecovery.com) or visit [energyrecovery.com/co2](http://energyrecovery.com/co2)