



SOLOCHILL

stands alone.

Designed for the Whole Store.

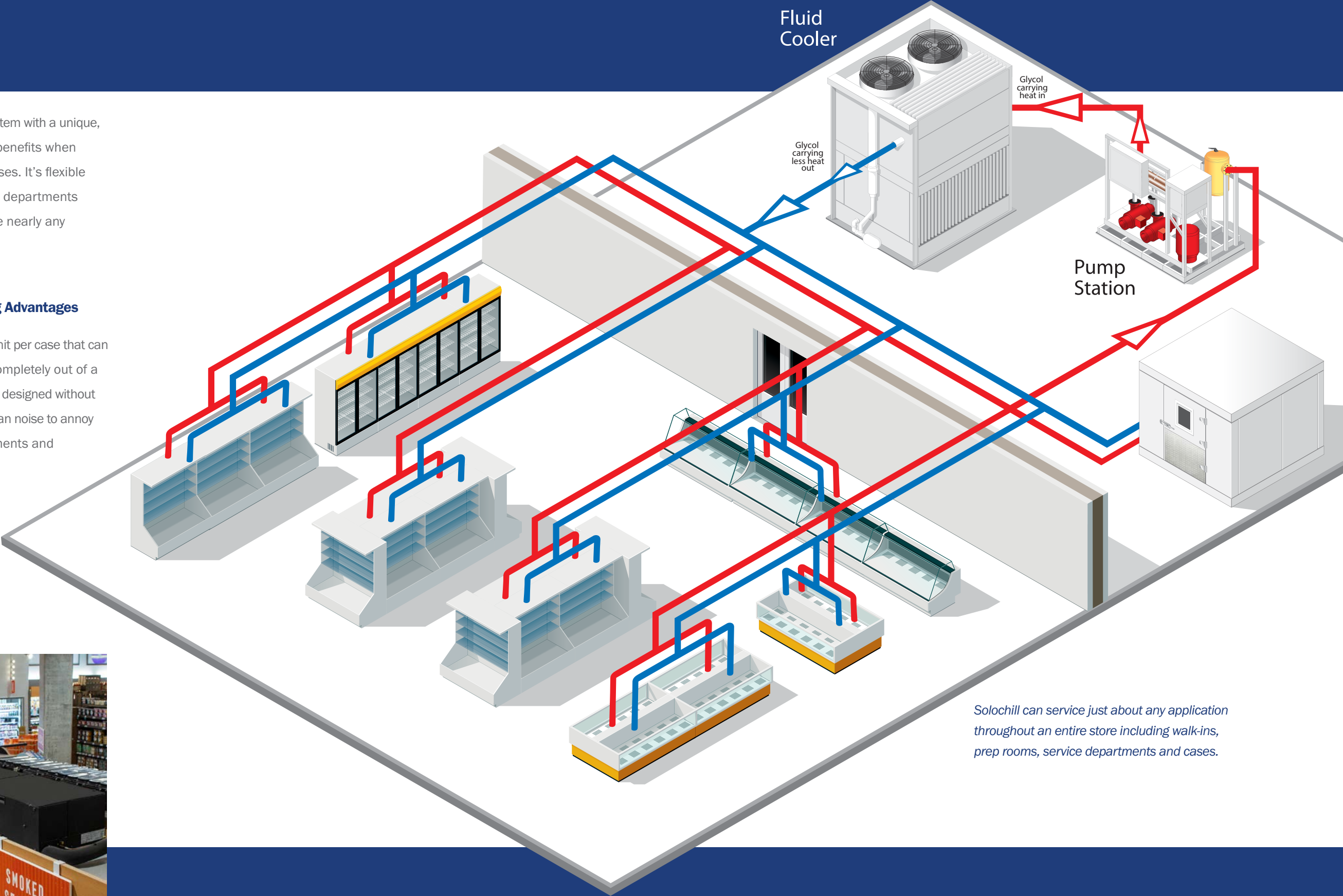
SoloChill is a micro-distributed refrigeration system with a unique, small footprint design that delivers distinct benefits when compared to more traditional, DX system cases. It's flexible enough to cool walk-ins, workrooms, service departments and cases. Five different models can service nearly any application throughout an entire store.

Designed With A Small Footprint and Big Advantages

The key is a single, glycol-cooled condensing unit per case that can be mounted on top, beside or behind and completely out of a customer's sightline. Plus, their enclosures are designed without the need for fans making them quiet, with no fan noise to annoy shoppers. Add the units' low power requirements and SoloChill becomes an important part of any Hillphoenix full-store solution.



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Solochill can service just about any application throughout an entire store including walk-ins, prep rooms, service departments and cases.

Designed to be Practically “Plug and Play.”

Factory-installed units come pre-charged and operationally tested from the factory with only seven pounds or less of refrigerant — well below the fifty-pound limit required by some regulations. They are practically “plug and play” with quick-connect water hookups and single-point electrical connections making SoloChill incredibly easy to swap out for merchandising changes or store remodels.

Designed for Easy Maintenance

Control one or an entire network of condensing units with a BOSS controller from Carel. Know exactly when it’s time for service with BOSS’s remote monitoring capabilities. Then take advantage of the redesigned panels on SoloChill for easy-access and connections that are conveniently external. The BOSS open back-net capabilities allows it to communicate with most building management systems (BMS). Opt for a wired computer connection or use a smartphone and an app over wi-fi and maintain complete control of all your cases from the palm of your hand.



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Designed to Work with Less.

Because SoloChill utilizes a integrated water-cooled condenser design, refrigerant charges are localized per case and much easier to control and maintain. Total refrigerant use is lessened dramatically — up to 80% less across the store!

Downtime is dramatically less. During maintenance, only one case needs to be worked on at a time keeping disruptions to a minimum. Pull one case off-line, not a complete multi-case lineup. Also, losses should a leak ever occur are minimized since:

- any leak would be contained to a single case and not the entire lineup.
- units contain up to seven pounds of refrigerant, well below the 50 pound record keeping threshold imposed by certain regulations.
- the impact on performance caused by any leak would be noticed significantly sooner in a minimally charged system like SoloChill.

Finally, energy requirements are reduced as the variable speed DC compressors are closely matched to the case load while the condensing unit capacity is modulated to meet cooling demands — a distinct advantage over simple — and less energy-efficient compressor cycling as found in conventional systems.

SoloChill can match case requirements to condensing unit capacities. A distinct advantage over simple — and more energy-wasteful — on/off compressors.



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Designed for the Environment.

Less refrigerant translates quickly into an immediate benefit for the environment. Reduction in HFC refrigerant use means a lower GWP impact. When compared to traditional systems, SoloChill cases eliminate the need for long copper refrigerant lines. There are no compressor racks, no large receivers. Refrigerant charges can be reduced by up to 80%.

Hermetically-sealed refrigerant circuits dramatically reduce leaks. There is no need for brazing in the field. All units are built and factory-tested using state-of-the-art manufacturing processes, process and quality control instrumentation, and established best practices, assuring the utmost in product integrity and performance.

Designed for Your Bottom Line

Of all the benefits SoloChill brings to your store, cost savings may be the most significant of them all. Certainly less refrigerant provides a savings right up-front. The improved performance of a case perfectly matched to unit capacities reduces energy consumption — another direct cost savings. Fewer leaks are another savings. Virtual Plug and Play design makes installation a breeze and reduces labor costs. Not to mention that SoloChill eliminates the need for a separate machine room, or will at least reduce its size, resulting in more room on the sales floor and even more savings!



Design That Stands Alone.

For ease of use and performance that is superior to any traditional case installation, SoloChill stands alone. First, as an innovative micro-distributed design concept — not only does it save precious floor space, it also requires only a simple, fluid cooler to remove heat. (Or use the building's existing chilled water system to further reduce installation costs.) But secondly and perhaps most important, SoloChill provides a long-term, truly sustainable refrigeration solution. Today, over 4,000 SoloChill units are installed and operating across the United States proving that of all the refrigeration choices out there, SoloChill truly stands alone.



Over two thousand SoloChill installations across the United States prove that of all the refrigeration choices out there, SoloChill truly stands alone.

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