

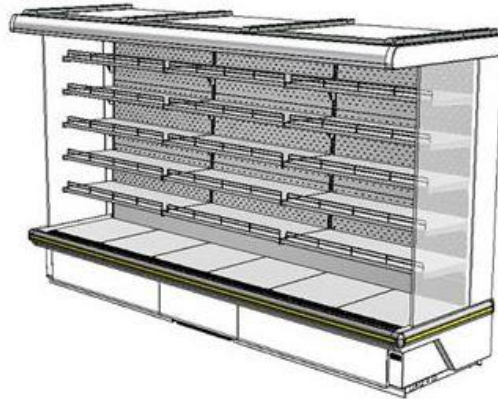
Thermal~Flow

The Total Concept Energy Conservation Company

“Chill-Pack”

Self-Contained variable capacity liquid cooled refrigeration package

Chill-Pack Indoor Unit



Chill-Pack Outdoor Fluid Cooler



Benefits:

- Reduces refrigeration energy costs by 20 to 30 percent.
- Eliminates refrigerant gas leakage and EPA reporting requirements.
- Dramatically reduces maintenance costs.

Description:

- Chill-Pack converts conventional refrigeration equipment to water-cooled with the installation of a simple water-cooled condenser on top of the existing refrigeration case. Standard water piping is run from the Chill-Pack to the outdoor closed-loop heat rejection unit (fluid cooler).
- Simple connection fittings allow complete change out in minutes - no disruption in service. Wi-Fi capable controls can provide fault reporting.
- Can be installed on any grocery refrigerated case, new or used. Can accommodate any of the existing refrigerants as well as the newest low global warming refrigerants.
- Chill-Pack requires no long refrigeration piping as utilized in a typical multi-plex design. The only piping that is utilized is from the Chill-Pack to the existing evaporator.
- Plug and Play design allows store owners to move the store's equipment from one store to the next without refrigerant work, simply connect to the condensing water loop and apply power.
- Each unit utilizes a super quiet horizontal scroll compressor with patented capacity modulation technology to insure consistent product temperature control.
- Open cases longer than 5 feet may require two refrigerant modules thus enabling additional energy efficiency options.
- Eliminates corrosion of outdoor condensers in coastal applications.
- Chill-Pack outdoor unit is light weight enough to be roof-mounted without structural upgrades.