











Refrigeration
Systems
Product Matrix

Fresh thinking.
Responsible solutions.®

There are many reasons why Hillphoenix® Refrigeration Systems continues to lead the industry. Why? No matter what the application or the specific refrigeration need, we can offer our customers a wide variety of options and configurations. The simple answer is that we harness the best technologies and field-proven procedures and fit them to a *higher set of standards*. Then, we never stop adapting and perfecting methods to insure that Hillphoenix products are the best designed, engineered and built refrigeration systems on the market today. No detail is too small to consider. No practice too insignificant to make a difference...

System	Description	Warehouse/Clubstore	Supercenter	Grocery/Supermarket	Limited Assortment	Drug, Convenience & Dollar	Urban Format	Refrigerant	Type	Approx. No. of Cases per Rack	Indoor/Outdoor	Minimum Capacity (BTUH)	Maximum Capacity (BTUH)	Scroll Compressors	Recip Compressors	Rotary Compressors	Attached Integral Condenser	Precharged	Remote Connectivity	Weatherproof Enclosure	R-407A/C	R-410A	R-448A	R-744 (CO ₂)	Approximate Refrigeration Charge (lbs)	Integrated Receiver	Loop Piping	Circuit Piping	Hot Gas Defrost	Heat Reclaim	Pre-Engineered	Configurable	Engineered-to-Order	Criteria
	Small outdoor, weatherproof rack with integrated condenser	✓	✓	✓				HFC	Distributed / Centralized	3-40	Outdoor	30k	450k	✓		✓	✓	✓	✓	✓					30-250	✓	✓			✓	✓		✓	If there are space constraints inside the store, Adaptapak offers a fully integrated outdoor solution.
	Small indoor vertical compressor rack			✓	✓	✓	✓	HFC/HFO	Distributed	3-40	Indoor	30k	450k	✓				✓		✓					30-250		✓		✓	✓	✓		✓	An additional option for stores with space restrictions, Vertical Ipak offers a small-footprint indoor solution.
	Small indoor horizontal compressor rack			✓	✓	✓	✓	HFC/HFO	Distributed	3-60	Indoor	30k	600k	✓				✓		✓					30-250	✓	✓		✓	✓	✓		✓	For larger capacity demands, and indoor installation, Horizontal Ipak provides a flexible installation (can be mounted above WICF's) solution.
	Large outdoor, weatherproof rack with optional attached condenser	✓	✓	✓		✓	✓	HFC/HFO	Distributed / Centralized	10-80	Indoor / Outdoor	100k	800k	✓	✓	✓		✓	✓	✓					200-800	✓	✓	✓	✓	✓		✓	✓	For very large capacity demands, Weatherpac & Paratemp models provide indoor or outdoor installation options with capacities up to 800k BTUH.
	Individual water loop condensing unit	✓	✓	✓		✓	✓	HFC/HFO	Micro-Distributed	1-6	Indoor	2k	35k			✓	✓	✓	✓						5-10	✓	✓				✓			SoloChill offers regulatory compliance as well as flexible, easy, & low cost installation.
	CO ₂ Rack	✓	✓	✓	✓	✓		CO ₂	Distributed / Centralized	10-80	Indoor / Outdoor	50k	450k	✓		✓		✓	✓						100-300	✓	✓			✓	✓		✓	Provides a natural solution at a competitive price point for lower capacity applications.
	Lower capacity, small footprint, CO ₂ booster rack.	✓	✓	✓	✓	✓		CO ₂	Distriduted	1-35	Indoor/Outdoor	12k	350k	✓				✓	Optional						50-200	✓	✓			✓		✓		CO ₂ platform with limited configurability at reduced price point for smaller format stores or distributed refrigeration architecture and phased remodels.
	CO ₂ Rack	✓	✓	✓		✓		CO ₂	Centralized	1-120	Indoor	15k	1,200k	✓				✓							200-1,000	✓	✓		✓	✓		✓	✓	Provides a natural solution for applications with configurable options and capacity demands up to 1,200k BTUH.
	Large indoor compressor rack	✓	✓	✓				HFC/HFO/CO ₂	Centralized	30-120	Indoor	300k	1,200k	✓	✓			✓	✓	✓					400-1,500	✓	✓	✓	✓	✓		✓	✓	Price-competitive, large capacity, configurable system.
	Totally enclosed, self-contained machinery room	✓	✓	✓				HFC/HFO/CO ₂	Centralized	30-120	Outdoor	300k	1,200k	✓	✓			✓	✓	✓					400-1,500	✓	✓	✓	✓	✓		✓	✓	Fully integrated, turn-key refrigeration and building electrical solution.



AdaptaPak™



InviroPak™ (Vertical)



Advansor™



SoloChill™

Hillphoenix
a **DOVER** company

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