












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	✓	✓			✓	✓		✓	A fully integrated outdoor solution for stores with space restrictions..
	Small indoor vertical compressor rack		✓	✓	✓	✓		HFC/HFO	Distributed	3-40	Indoor	30k	450k	✓				✓		✓					30-250		✓		✓	✓	✓		✓	A small-footprint indoor solution for stores with space restrictions..
	Small indoor horizontal compressor rack		✓	✓	✓	✓		HFC/HFO	Distributed	3-60	Indoor	30k	600k	✓				✓		✓					30-250	✓	✓		✓	✓	✓		✓	A flexible indoor installation (can be mounted above WICF's) for larger capacity demands.
	Large outdoor, weatherproof rack with optional attached condenser	✓	✓	✓		✓	✓	HFC/HFO	Distributed / Centralized	10-80	Indoor / Outdoor	100k	800k	✓	✓	✓		✓	✓	✓					200-800	✓	✓	✓	✓	✓		✓	✓	indoor or outdoor installation options with capacities up to 800k BTUH for very large capacity demands.
	Individual water loop condensing unit	✓	✓	✓		✓	✓	HFC/HFO	Micro-Distributed	1-6	Indoor	2k	35k			✓	✓	✓	✓			✓	✓		5-10	✓	✓				✓			Provides regulatory compliance as well as flexible, easy, & low cost installation.
	CO ₂ Rack	✓	✓	✓				CO ₂	Centralized	1-120	Indoor	15k	1,200k	✓				✓							200-1,000	✓	✓		✓	✓		✓	✓	A natural solution with configurable options and capacity demands up to 1,200k BTUH.
	CO ₂ Rack	✓	✓	✓	✓	✓		CO ₂	Distributed / Centralized	10-80	Indoor / Outdoor	50k	450k	✓		✓		✓	✓						100-300	✓	✓			✓	✓		✓	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 for smaller format stores or distributed refrigeration architecture and phased remodels.	
	CO ₂ condensing unit or split system	✓	✓	✓	✓	✓		CO ₂	Single Unit	1-3	Outdoor	3k	30k		✓	✓		✓	✓						1-30	✓	✓				✓			Low capacity for smaller format stores and phased remodels. Optional split system package available.
	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™

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a **DOVER** company

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