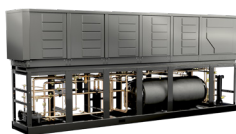


CO₂ PRODUCT SOLUTIONS

Solutions for Cold Storage, Convenience Stores, Light Industrial, Retail Supermarkets, and Small Format Applications

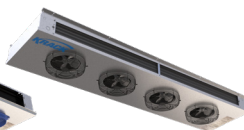
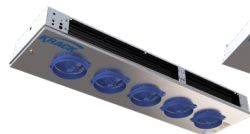
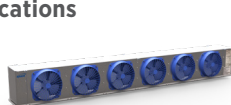


RACK SYSTEMS	Transcritical CO ₂		Pumped Liquid CO ₂	
	Indoor Protocol	Indoor / Outdoor Rack	Liquid Overfeed Rack	
Controller	Copeland	Copeland • Danfoss • Micro Thermo	Carel	
Capacity MBH (kW)	90–300 (26.4–87.9)	100–1,100 (29.3–322.3)	up to 350 (102.6)	
Compressors / Pumps	MT — (3) VS Copeland scroll LT — (2–3) Copeland digital scroll	up to 9 compressors (total MT and LT)	MTH pump	
Voltage V/ph/Hz	460/3/60	208–230/3/60 • 460/3/60 • 575/3/60	208–230/3/60 • 460/3/60 • 575/3/60	
Refrigerant Type	R-744 (CO ₂)		Primary	HFC • HFC/HFO
			Secondary	R-744 (CO ₂)
Design Pressure	652 PSI (45 bar)	652 PSI (45 bar) • 1,305 PSI (90 bar)	870 PSI (60 bar)	



OUTDOOR CONDENSING UNITS	OCU040	OCU100
	4 HP	10 HP (coming soon)
Capacity ¹ MBH (kW)	up to 11.8 (3.5) for LT up to 21.6 (6.3) for MT	up to 29.7 (8.7) for LT up to 50.8 (14.9) for MT
Compressors	Panasonic Rotary (4 HP)	Panasonic Rotary (10 HP)
Voltage	208–230/3/60	460/3/60
Refrigerant Type	R-744 (CO ₂)	
Design Pressure	1,305 PSI (90 bar)	1,160 PSI (80 bar)

Solutions for Convenience Stores, Retail Supermarkets, and Small Format Applications



EVAPORATORS	KR	GH/GL	LH	MK/MV	MS	SM/SV
	Ceiling or Wall-Mounted	Low Profile	Low Velocity Center Mount	Medium Profile	Medium Profile	Large Profile
Application Temperature	Low/Medium	Medium	Low/Medium	Low/Medium	Low/Medium	Low/Medium
Available Defrost Types ²	Air/Electric/Gas	Air/Electric/Gas	Air/Electric	Air/Electric/Gas	Air/Electric/Gas	Air (SM only)/Electric
Capacity ³ MBH (kW)	up to 27 (7.9) for LT up to 36.5 (10.7) for MT	up to 41 (12) at 25 ° F (-3.9° C) ST	up to 17.1 (5) for LT up to 18.7 (5.5) for MT	up to 50.8 (14.9) for LT up to 58 (17) for MT	up to 91.4 (26.8) for LT up to 107 (31.4) for MT	up to 247 (72.4) for LT up to 243 (71.2) for MT
Coil Discharge	Single	Dual	Dual	Single	Single	Single
Motor Voltage V/ph/Hz	115/1/60 • 208–230/1/60	115/1/60 • 208–230/1/60	115/1/60 • 208–230/1/60	115/1/60 • 208–230/1/60 • 208–230/3/60 • 460/1/60 • 460/3/60	115/1/60 • 208–230/1/60 • 208–230/3/60 • 460/3/60	208–230/3/60 • 460/3/60 • 575/3/60
Refrigerant Type	R-744 (CO ₂) ⁴					
Design Pressure	640 PSI (44.1 bar) • 1,305 PSI (90 bar)					

Complete Krack Product Solution Card



Information About CO₂ Refrigerant



¹Medium temperature shown with 95° F (35° C) ambient and 20° F (-6.7° C) SST.

Low temperature shown with 95° F (35° C) ambient and -20° F (-28.9° C) SST.

²Gas defrost available for high pressure transcritical CO₂ units only

³10° F (5.6° C) TD. Medium temperature shown with 95° F (35° C) ambient and 20° F (-6.7° C) ST, except GH/GL. Low temperature shown with 95° F (35° C) ambient and -20° F (-28.9° C) ST.

⁴Also available for pumped liquid CO₂

CO₂ PRODUCT SOLUTIONS

Solutions for Merchandising

Hussmann's CO₂ product solutions are custom designed to meet modern environmental standards for low-GWP refrigeration. Product solutions include systems and display cases with advanced controls and heat recovery, engineered for energy efficiency and reliability in commercial settings. These solutions are part of Hussmann's broader commitment to innovation in natural refrigerants, helping customers reduce energy consumption and carbon footprint.

Available solutions will include the following (types and applications varying by line):

Application Temperature	Low and Medium Temperature	
Case Configuration Types	Reach-Ins	1-5 Door Standard and Narrow Depth, 2-5 Door Back-to-Back RLNI Cases
	Multi-Decks and Single-Decks	Doored and Open Self-Service Cases Including Wedges
		Straight and Curved Glass Service and Combination Service/Self-Service Cases
	Coffin Cases	Solid or Glass-Front Islands Available Open or with Sliding Glass Lids
Product Applications	Bakery • Beverage • Cheese • Dairy • Deli • Floral • Frozen Food • Ice Cream • Meat • Prepared Food • Produce • Seafood • Wine	
Refrigerant Type	R-744 (CO ₂) ⁴	
Design Pressure	652 PSI (45 bar) • 1,305 PSI (90 bar)	



**Impact® 5-Door
Narrow Reach-In**



**Insight® 5-Door
Standard Depth
Reach-In**



**Insight® 12-Foot
Multi-Deck with
Ultra-Low Front
and Doors**



**Insight® 12-Foot
Open Multi-Deck**



**Excel®
Frozen Island**



**Isla 4-Sided
Multi-Deck**



**Entyce 3-Level
5' Wide Island**



**Q-Series Multi-Deck
Meat/Fish Service
Case with Vertical
Glass**



**R3 Combination
Service/Self-Service**

**All Current
Hussmann
Display Cases**



**Hussmann
Specialty
Display Cases**



⁴Also available for pumped liquid CO₂ (availability varies by model)