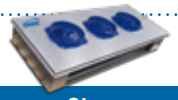
Krack® Product Line Card

EVAPORATOR MODELS*





	GH	GL	LH	KR	MK / MV	MS	SM	SV
	LOW VELOCITY CENTER MOUNT			LOW PROFILE	MEDIUM PROFILE		LARGE PROFILE	
Capacity Range	3,500 to 41,000	3,500 to 26,800	3,300 to 18,700	3,500 to 36,450	8,200 to 64,000	15,020 to 113,170	31,400 to 258,100	42,200 to 247,200
Mounting Type	Ceiling	Ceiling	Ceiling	Ceiling	Ceiling	Ceiling	Ceiling	Ceiling
Cabinet	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Galvanized	Galvanized	Galvanized
Defrost Type	Air / Electric / Hot Gas	Air / Electric / Hot Gas	Air / Electric	Air / Electric / Hot Gas	Air / Electric / Hot Gas	Air / Electric / Hot Gas	Air / Electric / Hot Gas	Electric / Hot Gas
Motor Voltages *(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	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, 575/3/60	208-230/3/60 460/3/60 575/3/60	208-230/3/60 460/3/60 575/3/60
Coil Discharge	Dual	Dual	Dual	Single	Single	Single	Single	Single
Application Range *(Temperature)*	Medium	Medium	Low / Medium	Low / Medium	Low / Medium	Low / Medium	Low / Medium	Low / Medium
Air Throw *(Feet)*	10 - 15	10 - 15	10 - 15	25 - 29	MK: 30 - 60 MV: 45 - 75	60 - 100	60 - 100	80 - 120
Unit Height *(Inches)*	18	12	7.5	15.91	26.75	26.63	40.5 for 1 and 2 Fan Units 52.5 for 3 and 4 Fan Units	

** Please consult Krack Technical Bulletins for DOE approved units. NOTE: Capacities given in BTU/HR / 10° F and 25° F SST.*

CONDENSING UNIT MODELS



	HE H-SERIES *(DOE Regulated)**	LEGACY H-SERIES *(for Non-DOE Regulated Applications)*	C-SERIES *(Large Air-Cooled)**
Base	Standard or Heavy-Duty	Standard or Heavy-Duty	N / A
Cabinet	Heavy Gauge G90 Galvanized Steel Optional Hurricane-Rated Kits	Heavy Gauge G90 Galvanized Steel Optional Hurricane-Rated Kits	Galvanized Steel Optional Hurricane-Rated Kits
Motor Type	PSC	PSC	Inverter Duty 3-Phase
Temperature Range	Low / Medium	Low / Medium	Low / Medium
Compressors	Copeland *(Discus, Scroll, Semi-Hermetic)* Bitzer Ecoline	Copeland *(Discus, Scroll, Semi-Hermetic)* Bitzer Ecoline	Copeland Discus Bitzer Ecoline
Compressor Power *(HP)*	0.5 to 15	0.5 to 25	Up to 80 when Parallel Piped

** Please consult Krack Technical Bulletins for DOE approved units.*

AIR-COOLED MODELS

	LEVITOR II *(Round Tube Plate Fin Coil)*	MX *(Microchannel Coil)*
Cabinet	Galvanized	Galvanized
Fan Arrangement	1X1 Through 2X7	2X1 Through 2X7
Voltage	230/1/60, 208-230/3/60, 460/3/60, 575/3/60	208-230/3/60, 460/3/60, 575/3/60
FPI	8, 10 or 12	23
Capacity *(THR)*	2 - 283 Tons	14 - 189 Tons

FLUID COOLER MODELS

	FLUID COOLERS
Cabinet	Galvanized
Fan Arrangement	1X1 Through 2X7
Voltage	230/1/60, 208-230/3/60, 460/3/60, 575/3/60
FPI	8, 10 or 12

VARIABLE SPEED AIR-COOLED CONDENSER MODELS

Vspeed

	LEVITOR II AIR-COOLED CONDENSERS			MICROCHANNEL AIR-COOLED CONDENSERS		
	GOOD LAVF 1140 RPM	BETTER LAVH 1200 RPM	BEST LAVK *(Vspeed)* 1140 RPM	GOOD MXF 1140 RPM	BETTER MXH 1200 RPM	BEST MXK *(Vspeed)* 1140 RPM
Condenser Comparison	**3-Phase Motors with VFD**	**EC Fan Assembly**	**BPM Motor and Drive**	**3-Phase Motors with VFD**	**EC Fan Assembly**	**BPM Motor and Drive**
Cost* *(2 Fans)*	146%	120%	100%	140%	118%	100%
Cost* *(2X3 with 6 Fans)*	110%	124%	100%	108%	121%	100%
Cost* *(2X6 with 12 Fans)*	95%	126%	100%	95%	123%	100%
Capacity**	100%	109%	100%	100%	109%	100%
Energy Efficiency**	98%	98%	102%	98%	98%	102%
Variable Speed	YES with VFD *(25 to 100%)*	YES *(0 to 100%)*	YES *(0 to 100%)*	YES with VFD *(25 to 100%)*	YES *(0 to 100%)*	YES *(0 to 100%)*
Meets California Title 24 Regulations	YES	YES *(with Reduced Max Speed)*	YES	YES	YES *(with Reduced Max Speed)*	YES
Motor Type	3-Phase ODP	Electronically Commutated	BPM TEAO	3-Phase ODP	Electronically Commutated	BPM TEAO
Integral Fan Assembly	NO	YES	NO	NO	YES	NO
Motor Replacement Cost	Low	Medium	Low	Low	Medium	Low
Electronic Replacement Cost	High to Very High	High	Low	High to Very High	High	Low
Electrical Service Size	100%	180% to 200%	100%	100%	180% to 200%	100%
Additional Field Installation	Install and Wire VFD Plus Bypass Panel	Larger Electrical SVC *(No Bypass Available)*	None *(No Bypass Available)*	None *(No Bypass Needed)*	Larger Electrical SVC *(No Bypass Available)*	None *(No Bypass Available)*

** Cost is based on condenser with basic options including non-fused disconnect, fuses per fan, and control board.*

*** Energy efficiency and capacities are comparing operation at 1140 RPM for a consistent rating point. Capacity is full speed operation comparison.*

ADDITIONAL REFRIGERATION SYSTEM MODELS

	PROTO-AIRE EZ
Compressor Quantity	3 for Small Platform and 3 - 4 for Large Platform Configurations
Total Capacity Range *(MBH)*	Small: Up to 97.1 Large: Up to 177.1
Cabinet	Painted or Galvanized, Optional Hurricane-Rated Kits Available
Controllers	Danfoss, Emerson

	PROTOCOL HE *(High Efficiency)*
Compressor Quantity	4 / 6 Compressor Option in Vertical Configuration 6 / 8 Compressor Option in Horizontal Configuration
Total Capacity Range *(MBH)*	– Up to 185 MBH Capacity for LT (R448A @ -18/110) in Vertical Configuration and 245 MBH Capacity in Horizontal Configuration – Up to 360 MBH Capacity for MT (R448A @ 21/110) in Vertical Configuration and 480 MBH Capacity in Horizontal Configuration
Cabinet	Painted Panels / Thermoplastic Fronts or Galvanized Panel Options
Controllers	All Major Controller Options Avail. *(CPC, Danfoss, MicroThermo, Novar, etc)*

	HUSSMANN TRANSCRITICAL CO_2 SYSTEM
System Capabilities	Regulation-Proof Single Gas Natural Refrigerant Solution (GWP = 1) Low Pressure Oil Management System Flood Back and Superheat Protection Predictive Diagnostics Available with the Addition of StoreConnect