



# KMK / KLK Unit Coolers

**60**  
Hz

## PRODUCT DATA & INSTALLATION

Bulletin K30-KMK/CLK-PDI-1

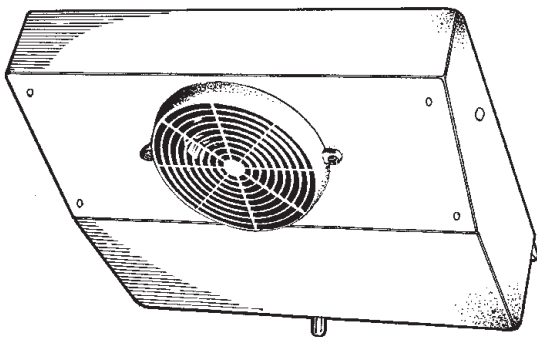
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We are on the Internet   
[www.keepriterefrigeration.com](http://www.keepriterefrigeration.com)

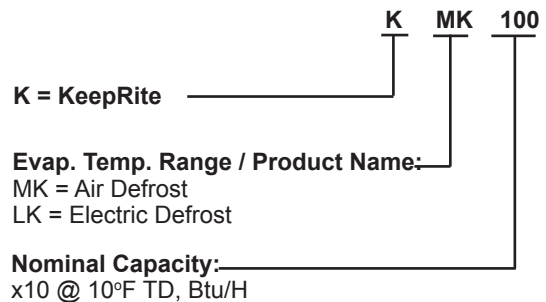
High and Medium Temperature Applications (-10°F (-23.3°C) Space Temperatures and Above)

Air and Electric Defrost

Electrical Power: 115/1/60



## NOMENCLATURE



## FEATURES

- Attractive low silhouette allows maximum usage of refrigerated space.
- Lightweight cabinet made of smooth aluminum and corrosion proof hardware.
- Protective coating on all models.
- Generously sized coils provide balance with available condensing units and compressors.
- Rear air discharge reduces door sweating.
- Motors thermally protected and life lubricated.
- Quick-connect moisture-proof wiring harness.
- Light molded plastic fan blades ensure low noise level and optimum air circulation.
- Internally equalized expansion valve mounts inside of cabinet.
- Removable drain pan with self-retained fasteners.
- Knockouts for electrical connections conveniently located in cabinet.
- Opening at the back for refrigeration connections.
- Durable high density electric heaters for a fast and complete coil defrosting. (LK models only)
- Defrost termination and fan delay thermostat mounted and wired inside of cabinet. (LK Models only)
- Electrical junction box with terminal plate. (LK models only)
- R-134a, R-404A, R-507, R-22, R407A, R407B, R407C.

# CAPACITY DATA ALL MODELS

Model			Air Defrost					Electric Defrost		
			KMK100	KMK130	KMK170	KMK230	KMK300	KLK90	KLK120	KLK160
Number Of Fans			1	2	2	3	4	1	2	2
Capacity BTUH (WATTS)	Evap Temp. °F (°C)	20 (-6.7)	1000 (290)	1300 (380)	1700 (500)	2300 (670)	3000 (880)	N/A	N/A	N/A
		-20 (-26.1)	N/A	N/A	N/A	N/A	N/A	900 (260)	1200 (350)	1600 (470)
Air Flow	CFM (L/S)		160 (76)	190 (90)	230 (109)	340 (160)	440 (207)	160 (76)	190 (90)	230 (109)

## ELECTRICAL DATA

MODEL	FAN MOTORS		DEFROST HEATERS	
	QUANTITY	TOTAL AMPS	WATTS	TOTAL AMPS
		115/1/60		115/1/60
KMK100	1	.69	N/A	N/A
KMK130	2	1.38	N/A	N/A
KMK170	2	1.38	N/A	N/A
KMK230	3	2.07	N/A	N/A
KMK300	4	2.76	N/A	N/A
KLK90	1	.69	475	4.13
KLK120	2	1.38	600	5.20
KLK160	2	1.38	750	6.50

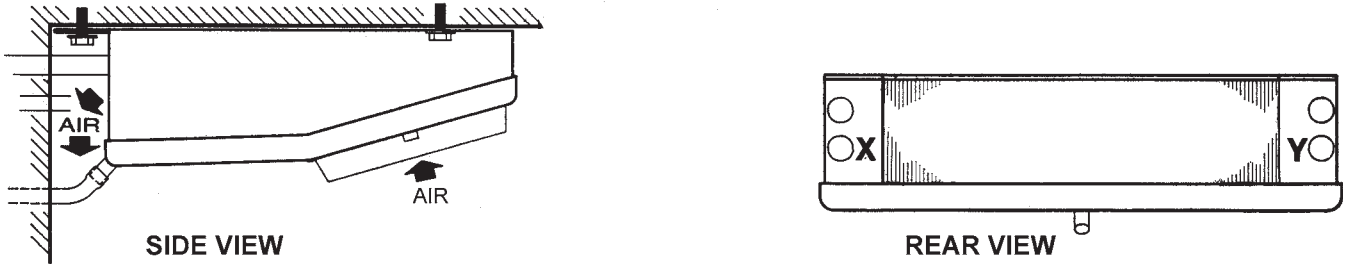
## SPECIFICATIONS

MODEL	TUBING CONNECTIONS			APPROX. SHIP- PING WEIGHT LBS (kg)
	SUCTION		LIQUID	
	TUBE DIA.	LOCATION *		
KMK100	3/8	X	1/2 FN	13 (5.9)
KMK130	3/8	X	1/2 FN	15 (6.8)
KMK170	1/2	X	1/2 FN	18 (8.1)
KMK230	1/2	X	1/2 FN	27 (12.2)
KMK300	1/2	X	1/2 FN	32 (14.5)
KLK90	3/8	X	1/2 FN	14 (6.4)
KLK120	3/8	X	1/2 FN	16 (7.3)
KLK160	3/8	X	1/2 FN	19 (8.6)

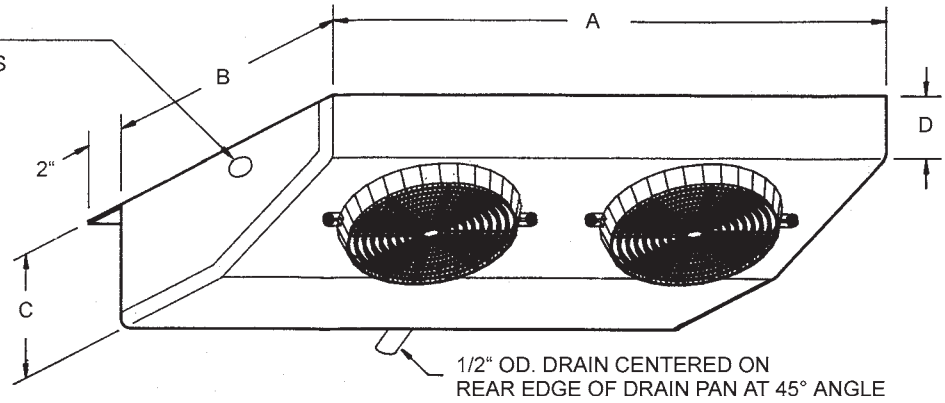
\* Refer to "REAR VIEW" diagram on page 3

NOTE: LIQUID LINE CAN EXIT ANY OF REMAINING KNOCKOUTS IN CABINET

# DIMENSIONAL DATA



.875 DIA. K'OUT PROVIDED ON ENDS OF UNIT



## MOUNTING CONFIGURATIONS - BOTTOM VIEW

TYPICAL MTG. HOLE SIZES FOR ALL MODELS

.281 X 1.000 SLOTS ALONG REAR EDGE

.281 DIA. HOLES INSIDE UNIT

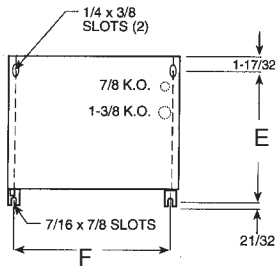


FIGURE 1

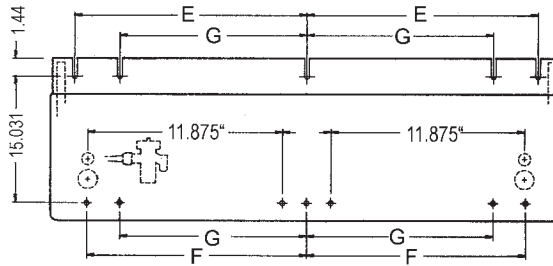


FIGURE 2

MODEL	FIGURE #	A	B	C	D	E	F	G
KMK100	1	16 1/2 (419)	14 1/2 (368)	4 1/2 (114)	2 5/8 (67)	14 (356)	14 11/16 (373)	N/A
KMK130	1	19 1/4 (489)	14 1/2 (368)	4 1/2 (114)	2 5/8 (67)	14 (356)	18 11/16 (475)	N/A
KMK170	1	24 (610)	15 1/2 (394)	4 1/2 (114)	2 5/8 (67)	15 (381)	22 3/16 (564)	N/A
KMK230	1	31 1/2 (800)	15 1/2 (394)	4 1/2 (114)	2 5/8 (67)	15 (381)	29 11/16 (754)	N/A
KMK300	1	40 (1016)	15 1/2 (394)	4 1/2 (114)	2 5/8 (67)	15 (381)	38 3/16 (970)	N/A
KLK90	1	16 1/2 (419)	14 1/2 (368)	4 1/2 (114)	2 5/8 (67)	14 (356)	14 11/16 (373)	N/A
KLK120	1	19 1/4 (489)	14 1/2 (368)	4 1/2 (114)	2 5/8 (67)	15 (381)	18 11/16 (475)	N/A
KLK160	1	24 (610)	15 1/2 (394)	4 1/2 (114)	2 5/8 (67)	15 (381)	22 3/16 (564)	N/A

# SERVICE PARTS LIST

**Service Parts List  
Label  
To Be Attached  
HERE**

## PROJECT INFORMATION

System	
Model Number	Date of Start-Up
Serial Number	Service Contractor
Refrigerant	Phone
Electrical Supply	Fax

### **NATIONAL REFRIGERATION & AIR CONDITIONING PRODUCTS, INC.**

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*Due to National Refrigeration's policy of continuous product improvement, we reserve the right to make changes without notice.*