

Store No.: D-711 KMA: MICHIGAN					DESIGN AMBIENT: 90 VOLTAGE: 460					ALTITUDE: 768'					BY: P. HAYES REV. 1: P. HAYES REV. 2: P. HAYES					DATE 11/7/23 12/11/23 3/15/24		F1 DATE 8/10/23 12/5/23 N/A			
RACK	CKT	L	W	H	CASE/COIL MODEL	DESCRIPTION	DEPT	STAT	ePRO ITEM	EVAP TEMP	LOAD (MBH)	CON- TROL	DEFROST		REFRIG	TOTAL LOAD	PARALLEL RACK INFORMATION								
													#/DAY	TYPE			COMPRESSOR	HP	SUCT TEMP	CAPACITY	THR	PERCENT LOADED			
A	1	2	QTY		FWG(LT-E)-8	8' WIDE ISLAND, LOW TEMP, W/G	SEAF.	NEW		-20	9.6	EVR	1	EL/TEMP	R404A	EXISTING PARALLEL RACK Reclaim: Air Controller: CPC Einstein II RX-300 Control Voltage: 208V Control Valve Voltage: 208V Compressor Voltage: 460V									
	2	14	12	10	FWEG(LT-E) MLT4-165-S ABANDON	WIDE ISLAND END, LOW TEMP, W/G FREEZER	SEAF. BAK.	NEW EX		-20 -22	5.0 15.8		1	EL/TEMP EL/TEMP											
	4	32'-4"	15'-8"	10	(2)MLT4-330	FREEZER	GROC.	EX		-22	36.3			EL/TEMP											
	5	7	DRS		RLN(IC)	G.D.(ICE CREAM)	GROC.	EX		-19	9.6	EVR	1	EL/TEMP											
	2	QTY			RLN(IC-E-LED2)-3	3 DOOR G.D., ICE CREAM TEMP, NARROW	GROC.	NEW		-19	6.4		1	EL/TEMP											
	3	DRS			RLN(IC)	G.D.(ICE CREAM)	GROC.	REL.		-19	4.1		1	EL/TEMP											
	6	12	FT		FWG(LT)	WIDE ISLE W/GL. (L.T.)	MEAT.	EX		-20	7.5		1	EL/TEMP											
	2	QTY			FWEG(LT)	WIDE ISLE END W/GL. (L.T.)	MEAT.	EX		-20	5.1		1	EL/TEMP					4DL	15	-25	66.1	105.9		
	7	1	QTY		RLN(IC-E-LED2)-5	5 DOOR G.D., ICE CREAM TEMP, NARROW	GROC.	NEW		-19	5.3	EVR	1	EL/TEMP					4DL	15	-25	66.1	105.9		
	2	QTY			RLN(IC-E-LED2)-3	3 DOOR G.D., ICE CREAM TEMP, NARROW	GROC.	NEW		-19	6.4		1	EL/TEMP					3DB	7.5	-25	34.6	55.8		
	8				SPARE														3DA	6	-25	29.1	47.0		
	AA	3	QTY		RLN(IC-E-LED2)-5	5 DOOR G.D., ICE CREAM TEMP, NARROW	GROC.	NEW		-19	16.0	EVR	1	EL/TEMP					4DL	15	-25	66.1	105.9		
																		218.7			261.9	420.5	83.5%		
	AR	1				SPARE												R404A	EXISTING Air Cooled Condenser HUSSMANN LCVV-8310, 44.37 mbh/deg td capacity, 68 circuits, 9.5 TD						
2		1	QTY		RLN(LT-E-LED)-5	5 DOOR G.D., LOW TEMP, NARROW	BAK.	REL.		-11	5.5		1	EL/TEMP											
3		3	QTY		RLN(LT-E-LED2)-5	5 DOOR G.D., LOW TEMP, NARROW	GROC.	NEW		-11	14.3	ORIT/EVR	1	EL/TEMP											
4		2	QTY		RLN(LT-E-LED2)-5	5 DOOR G.D., LOW TEMP, NARROW	GROC.	NEW		-11	9.6	ORIT/EVR	1	EL/TEMP											
1		QTY			RLN(LT-E-LED2)-4	4 DOOR G.D., LOW TEMP, NARROW	GROC.	NEW		-11	3.8		1	EL/TEMP											
1		QTY			RLN(LT-E-LED2)-3	3 DOOR G.D., LOW TEMP, NARROW	GROC.	NEW		-11	2.9		1	EL/TEMP											
4		DRS			RLN(LT)	G.D.(LOW TEMP)	GROC.	EX		-11	5.2		1	EL/TEMP											
5		3	QTY		RLN(LT-E-LED2)-5	5 DOOR G.D., LOW TEMP, NARROW	GROC.	NEW		-11	14.3	ORIT/EVR	1	EL/TEMP											
1		QTY			RLN(LT-E-LED2)-3	3 DOOR G.D., LOW TEMP, NARROW	GROC.	NEW		-11	2.9		1	EL/TEMP											
6		2	QTY		RLN(LT-E-LED2)-5	5 DOOR G.D., LOW TEMP, NARROW	GROC.	NEW		-11	9.6	ORIT/EVR	1	EL/TEMP											
1		QTY			RLN(LT-E-LED2)-4	4 DOOR G.D., LOW TEMP, NARROW	GROC.	NEW		-11	3.8		1	EL/TEMP											
1		QTY			RLN(LT-E-LED2)-3	3 DOOR G.D., LOW TEMP, NARROW	GROC.	NEW		-11	2.9		1	EL/TEMP											
4		DRS			RLN(LT)	G.D.(LOW TEMP)	GROC.	EX		-11	5.2		1	EL/TEMP											
7		10	DRS		RLN(LT)	G.D.(LOW TEMP), BACK-TO-BACK	GROC.	EX		-11	11.8		1	EL/TEMP											
B	1	1	QTY		IDD5SL-12	12' FIVE DECK WITH DOORS	PROD.	NEW		33	2.3	ORIT/EVR	1	OT/TIME	R404A	EXISTING PARALLEL RACK Reclaim: Water Controller: CPC Einstein II RX-400, Serving Units 'B' & 'C' Control Voltage: 208V Control Valve Voltage: 208V Compressor Voltage: 460V									
	2	2	QTY		ESBDS-8	8' SERVICE	DELI.	NEW		20	5.7	EVR	2	OT/TEMP											
	3	12	FT		FWG(MT)	WIDE ISLE W/GL. (M.T.)	MEAT.	EX		19	5.3		1	EL/TEMP											
	2	QTY			FWEG(MT)	WIDE ISLE END W/GL. (M.T.)	MEAT.	EX		19	3.2		1	EL/TEMP											
	4	1	QTY		PT-8R-RRS	8' SELF SERVICE W/ R.R. STOR.	DELI.	NEW		20	7.2	EVR	6	OT/TIME											
	2	QTY			Q3-SS-12	SELF SERVICE MULTI-DECK	DELI	NEW		20	20.4		6	OT/TIME											
	2	QTY			Q3-SS-6	SELF SERVICE MULTI-DECK	DELI	NEW		20	10.2		6	OT/TIME											
	5	1	QTY		Q3-SS-12	SELF SERVICE MULTI-DECK	DELI	NEW		20	10.2	EVR	4	OT/TIME											
	6	1	QTY		ESGSS-12	12' SERVICE	SEAF.	REL.		22	3.2	EVR	1	OT/TIME					3DB	10	17	92.5	126.1		
	7	12	FT		M5GE	FIVE DECK	MEAT.	EX		21	15.8		4	OT/TEMP					3DB	10	17	92.5	126.1		
	8	450	SQ	FT	LFAE-270	COOLER	MEAT	EX		20	26.8								2DD	5	17	46.4	62.6		
	9	2	QTY		FWG(MT-E)-8	8' WIDE ISLAND, MED TEMP, W/G	DAIRY	NEW		19	6.6	EVR	1	EL/TEMP											
	2	QTY			FWEG(MT-E)	WIDE ISLAND END , MED TEMP, W/G	DAIRY	NEW		19	3.1		1	EL/TEMP											
	10	3	QTY		BLF-59SR	SELF SERVICE	BAK.	NEW		20	17.0	EVR	4	OT/TIME											
11	36	FT		M5GE	FIVE DECK	MEAT.	EX		21	47.5		4	OT/TEMP												
12	1	QTY		IC2SL-6	6' MULTI-DECK MERCHANDISER	SEAF.	NEW		28	4.1	ORIT/EVR	4	OT/TIME												
1	QTY			IM5SL-6	6' FIVE DECK	SEAF.	NEW		27	6.3		4	OT/TIME												
C	1	36	FT		P4E	FOUR DECK	PROD.	EX		24	53.1		4	OT/TEMP	R404A	EXISTING PARALLEL RACK Reclaim: Air Controller: CPC Einstein II RX-400, Serving Units 'B' & 'C' Control Voltage: 208V Control Valve Voltage: 208V Compressor Voltage: 460V									
	2	20	FT		P4E	FOUR DECK	PROD.	EX		24	29.5		4	OT/TEMP											
	3	1	QTY		D5XLEP-12 (GL DR)	12' FIVE DECK, LOW FRONT, GL DR RETROFIT	DAIRY	EX		32	3.3		1	OT/TIME											
	2	QTY			D5XLEP-8 (GL DR)	8' FIVE DECK, LOW FRONT, GL DR RETROFIT	DAIRY	EX		32	4.3		1	OT/TIME											
	1	QTY			D5LE-8 (GL DR)	8' FIVE DECK, LOW FRONT, GL DR RETROFIT	DAIRY	EX		32	2.4		1	OT/TIME											
	4	4	QTY		D5LE-12 (GL DR)	12' FIVE DECK, LOW FRONT, (GLASS DOOR RETROFIT)	PROD.	EX		32	14.4		1	OT/TIME											
	5	512	SQ	FT	LFA-150	PREP	PROD.	EX		35	17.9														
	472	SQ	FT		LFA-190-S	PREP	MEAT	EX		30	23.6														
	6	10	12	10	LFA-150	COOLER W/ 4 DOORS	DELI	EX		24	14.0														
	16	30	10		LFA-230	COOLER	PROD.	EX		24	29.1														
	7	2	QTY		IDD5SL-8	8' FIVE DECK WITH DOORS	DAIRY	EX		33	3.1		1	OT/TIME											
	8	1	QTY		FL5NXLPE-12	12' MULTI DECK, LOW FRONT, NARROW	FLOR	EX		28	15.9		3	OT/TIME											
	9	1	QTY		IM-05-R-8 (MT)	8 FT. MULTI-DECK ISLAND	DELI.	NEW		25	8.9	EVR	6	OT/TIME											
	10	4	QTY		D5LE-12 (GL DR)	12' FIVE DECK, LOW FRONT, (GLASS DOOR RETROFIT)	BEV.	EX		32	14.4		1	OT/TIME					2DD	5	22	52.2	69.1		
	11	3	QTY		D5E-12 (GL DR)	12' FIVE DECK, (GLASS DOOR RETROFIT)	MEAT.	EX		32	10.8		1	OT/TIME					3DF	12	22	127.5	171.2		
	12	1	QTY		D5E-8 (GL DR)	8' FIVE DECK, (GLASS DOOR RETROFIT)	MEAT	EX		32	2.4		1	OT/TIME					3DF	12	22	127.5	171.2		
	1	QTY			D5E-12 (GL DR)	12' FIVE DECK, (GLASS DOOR RETROFIT)	MEAT	EX		32	3.6		1	OT/TIME					3DF	12	22	127.5	171.2		
	13	58	14	10	(2)LFA-270	COOLER W/ 23 DOORS	DAIRY	EX		24	67.3														
14	2	QTY		D5XLEP-8 (GL DR)	8' FIVE DECK, LOW FRONT, (GLASS DOOR RETROFIT)	BEV.	EX		32	4.3		1	OT/TIME												
1	QTY			IDD5SL-6	6' FIVE DECK WITH DOORS	BEV.	EX		33	1.2		1	OT/TIME												
15	4	QTY		D5LE-12 (GL DR)	12' FIVE DECK, LOW FRONT, (GLASS DOOR RETROFIT)	DAIRY	EX		32	14.4		1	OT/TIME												
16	1	QTY		IM-04-C12-R(DAIRY)	12' UNITIZED MULTI-DECK ISLAND	DAIRY	EX		28	16.5		6	OT/TIME												
2	QTY			IM-04-E5(DAIRY)	MULTI-DECK SELF SERVICE END	DAIRY	EX		28	6.9		6	OT/TIME												
																	361.0			434.8	582.7	83.0%			