

Store No.: GA-214
KMA: ATLANTA

DESIGN AMBIENT: 95 ALTITUDE: 1000
VOLTAGE: 208V / 3PH

BY: MATT CUMMINGS
REV. 1: MATT CUMMINGS

RACK	CKT	L	W	H	CASE/COIL MODEL	DESCRIPTION	DEPT	STAT	PNET ITEM 060-000	EVAP TEMP	LOAD (MBH)	CON-TROL	DEFROST		REFRIG	TOTAL LOAD	PARALLEL RACK INFORMATION					
													#/DAY	TYPE			COMPRESSOR	HP	SUCT TEMP	CAPACITY		
A																		R404a	EXISTING PARALLEL RACK			
1	3	QTY			RLN(IC-E-LED)-5	5 DOOR G.D., ICE CREAM TEMP, NARROW	GROC.	EX		-19	17.4	EXISTING	1	EL/TEMP			Reclaim: Unknown					
2	2	QTY			RLN(IC-G-LED)-5	5 DOOR G.D., ICE CREAM TEMP, NARROW	GROC.	EX		-19	11.6	EXISTING	1	GAS/TIME			Controller: CPC Einstein II RX-400					
3	10	DRS			RLN(LT)	G.D.(LOW TEMP), BACK-TO-BACK	GROC.	EX		-11	11.8	EXISTING	1	EL/TEMP			Control Voltage: 208V					
5	1	QTY			RLN(IC-G-LED)-4	4 DOOR G.D., ICE CREAM TEMP, NARROW	GROC.	EX		-19	4.7	EXISTING	1	GAS/TIME			Control Valve Voltage: 208V					
1	1	QTY			RLN(IC-G-LED)-5	5 DOOR G.D., ICE CREAM TEMP, NARROW	GROC.	EX		-19	5.8	EXISTING	1	GAS/TIME			Compressor Voltage: 208					
6	2	QTY			RLN(LT-G-LED)-5	5 DOOR G.D., LOW TEMP, NARROW	GROC.	EX		-11	10.9	EXISTING	1	GAS/TIME			Modify existing parallel rack electric as required to accomplish remodel					
7	3	QTY			RLN(LT-G-LED)-5	5 DOOR G.D., LOW TEMP, NARROW	GROC.	EX		-11	16.4	EXISTING	1	GAS/TIME								
9	4	QTY			RLN(IC-G-LED)-2	2 DOOR G.D., ICE CREAM TEMP, NARROW	GROC.	EX		-19	9.3	EXISTING	1	GAS/TIME			110° Condensing Temperature					
10	4	QTY			RLN(LT-G-LED2)-5	5 DOOR G.D., LOW TEMP, NARROW, BACK-TO-BACK	GROC.	EX		-11	17.3	EXISTING	1	GAS/TIME			ZF18K4E 6 -23 19.8					
11	1	QTY			FW(DT-E)-8	8' WIDE ISLAND, DUAL TEMP	MEAT	NEW		-20	4.0	EVR	1	EL/TEMP			ZF18K4E 6 -23 19.8					
1	1	QTY			FW(DT-E)-12	12' WIDE ISLAND, DUAL TEMP	MEAT	NEW		-20	6.3		1	EL/TEMP			ZF33K4E 10 -23 33.5					
2	2	QTY			FW(E-DT-E)	WIDE ISLAND END, DUAL TEMP	MEAT	NEW		-20	4.2		1	EL/TEMP			ZF33K4E 10 -23 33.5					
12	2	QTY			FW(DT-E)-8	8' WIDE ISLAND, DUAL TEMP	MEAT	NEW		-20	8.0	EVR	1	EL/TEMP			ZF33K4E 10 -23 33.5					
2	2	QTY			FW(E-DT-E)	WIDE ISLAND END, DUAL TEMP	MEAT	NEW		-20	4.2		1	EL/TEMP			ZF33K4E 10 -23 33.5					
13	4	DRS			RL(IC)	G.D.(ICE CREAM)	BAK.	EX		-19	6.6	EXISTING	1	EL/TEMP			ZF40K4E 13 -23 41.9					
14	2	QTY			FW(DT-E)-8	8' WIDE ISLAND, DUAL TEMP	MEAT	NEW		-20	8.0	EVR	1	EL/TEMP								
2	2	QTY			FW(E-DT-E)	WIDE ISLAND END, DUAL TEMP	MEAT	NEW		-20	4.2		1	EL/TEMP								
AS																			ZF40K4E	13	-23	41.9
1	4	QTY			RLN(LT-G-LED2)-5	5 DOOR G.D., LOW TEMP, NARROW, BACK-TO-BACK	GROC.	EX		-11	17.3	EXISTING	1	GAS/TIME		220.1	257.4					
2	25	DRS			RLN(LT)	G.D.(LOW TEMP), BACK-TO-BACK	GROC.	EX		-11	29.5	EXISTING	1	EL/TEMP								
3	1	QTY			RLN(LT-E-LED)-5	5 DOOR G.D., LOW TEMP, NARROW	SEAF.	EX		-11	5.5	EXISTING	1	EL/TEMP			EXISTING Air Cooled Condenser					
1	1	QTY			RLN(LT-E-LED2)-2	2 DOOR G.D., LOW TEMP, NARROW	SEAF.	EX		-11	1.3		1	EL/TEMP			BOHN BRH-066, 31.57 mbh/deg td capacity, 28 circuits, 14.7 TD					
4	2	QTY			FME1200AE-3	ICE MACHINE	PROD.	REL.		-1	15.0	EVR										
B																		R407a	EXISTING PARALLEL RACK			
1	2	QTY			ESBDS-8	8' SERVICE	DELI.	NEW		27	5.7	EVR	2	OT/TEMP			Reclaim: Unknown					
2	2	QTY			O5DMM-12	12' MULTIDECK W/ SYNERG-E COIL - 84" HIGH	PROD.	EX		28	33.0		6	OT/TEMP			Controller: CPC Einstein II RX-400					
3A	1	QTY			D5XLEP-8	8' FIVE DECK, LOW FRONT	PROD.	NEW		26	10.104	EVR	3	OT/TIME			Control Voltage: Unknown					
16	FT				D5XLEP	MULTI-DECK	PROD.	EX		26	20.2		3	OT/TIME			Control Valve Voltage: Unknown					
3B	40	FT			D5XLEP	MULTI-DECK	PROD.	EX		26	50.5	EXISTING	3	OT/TIME			Compressor Voltage: 208					
4	1	QTY			OHHM-4	4' MULTIDECK MEAT/SEAF	SEAF.	EX		25	5.1	EXISTING	6	OT/TEMP			RETROFIT REFRIGERANT FROM R22					
5	1	QTY			DSFM-8	8' SERVICE	SEAF.	NEW		24	2.4	EVR	3	OT/TIME								
6	1	QTY			Q3-MS-8 (GRAV)	SERVICE SINGLE-DECK GRAVITY COIL (NO SHELF)	MEAT	NEW		28	0.8	SC BY OEM	1	OT/TIME								
1	1	QTY			Q3-MS-8 (SERP)	SERVICE SINGLE-DECK SERPENTINE COIL (NO SHELF)	MEAT	NEW		28	1.2		1	OT/TIME			3DS-150E 15 18 120.0					
7	449	SQ FT	10		EXIST COIL(S)	COOLER	PROD.	EX		24	27.4	EXISTING					3DS-150E 15 18 120.0					
8	13'-8"	8	10		EXIST COIL(S)	COOLER	DELI.	EX		26	10.1	EXISTING					4DA-200E 20 18 125.0					
9	2	QTY			O5DMM-12	12' MULTIDECK W/ SYNERG-E COIL - 84" HIGH	PROD.	EX		28	33.0	EXISTING	6	OT/TEMP								
10	298	SQ FT			LFA120S	PREP	MEAT	MOD.	K-0060912	30	17.9	EVR		OT/TIME		263.2	365.0					
733	SQ FT				EXIST COIL(S)	PREP	PROD.	EX		35	25.7											
11	1	QTY			D5XEP-12	12' FIVE DECK	DELI.	REL.		26	14.5	EVR	3	OT/TIME								
SP-1	1	QTY			CFS-6 (SANDWICH-OVER)	MADE TO ORDER SERVICE	DELI.	NEW		25	2.0	EVR	8	OT/TIME								
1	1	QTY			CFS-6 (SANDWICH-UNDER)	MADE TO ORDER SERVICE	DELI.	NEW		25	0.5		8	OT/TIME			EXISTING Air Cooled Condenser					
SP-2	1	QTY			IM-04-R-4 (MT)	4 FT. MULTI-DECK ISLAND	DELI.	NEW		25	3.2	EVR	6	OT/TIME			UNKNOWN, assuming prior design TD 15 deg.					
C																		R407a	EXISTING PARALLEL RACK			
1	SPARE				C3BRSS	SELF SERVICE	DELI.	EX		20	6.5	EXISTING	4	OT/TIME			Reclaim: Unknown					
2	10	FT															Controller: CPC Einstein II RX-300					
3	SPARE																Control Voltage: Unknown					
4	2	QTY			FNW(E)-12	12' NARROW ISLAND, MED TEMP	DAIRY	REL.		19	6.5	EVR	1	EL/TEMP			Control Valve Voltage: Unknown					
5	SPARE																Compressor Voltage: 208					
6	1	QTY			PF-ER-50-DE	5' MULTI-DECK DELI DOUBLE WIDE ISLAND	DELI.	REL.		22	12.4	EVR	4	OT/TIME			RETROFIT REFRIGERANT FROM R22					
2	2	QTY			PF-ER-50-DE	5' MULTI-DECK DELI END CAP	DELI.	REL.		22	7.8		4	OT/TIME								
7	2	QTY			D5XEP-12	12' FIVE DECK	MEAT	EX		26	29.0	EXISTING	3	OT/TIME			3DB-100E (REMOVE)					
8	2	QTY			D5XEP-12	12' FIVE DECK	MEAT	EX		26	29.0	EXISTING	3	OT/TIME			3DS-150E 15 18 120.0					
9	3	QTY			IM-EP(LED)-12	12' FIVE DECK	MEAT	NEW		26	49.1	EVR	4	OT/TIME			3DS-150E 15 18 120.0					
1	1	QTY			M5XEP(LED)-8	8' FIVE DECK	MEAT	NEW		26	10.9		4	OT/TIME								
10	1	QTY			DD5XLP-12	12' FIVE DECK WITH DOORS	MEAT	NEW		32	3.3	ORIT/EVR	1	OT/TIME		193.9	240.0					
1	1	QTY			DD5XLP-8	8' FIVE DECK WITH DOORS	MEAT	NEW		32	8.7		1	OT/TIME								
1	2	QTY			DD5XLP-8	8' FIVE DECK WITH DOORS	BEV.	NEW		32	4.3	ORIT/EVR	1	OT/TIME								
12	1	QTY			FL5NX-LEP-12	12' MULTI DECK, LOW FRONT, NARROW	FLOR.	NEW		28	15.9	ORIT/EVR	3	OT/TIME								
1	1	QTY			FL5NX-LEP-8	8' MULTI DECK, LOW FRONT, NARROW	FLOR.	NEW		28	10.6		3	OT/TIME			EXISTING Air Cooled Condenser					
																			UNKNOWN, assuming prior design TD 15 deg.			
CONDENSING UNIT INFORMATION																						
SYS	L	W	H	CASE/COIL MODEL	DESCRIPTION	DEPT	STAT	PNET ITEM 060-000	EVAP TEMP	LOAD (MBH)	CON-TROL	DEFROST #/DAY TYPE	REFRIG	TOTAL LOAD	COND UNIT MODEL	COMP BODY	HP	SUCT TEMP	CAPACITY			
A	50	17	10	EXIST COIL(S)	COOLER W/ (18) DOORS	DAIRY	EX		23	62.6			R404a	62.6	HICA0724PS	3DA	7.5	21	82.5			
																			Existing unit; System unchanged			
B	22	21'-11"	10	EXIST COIL(S)	FREEZER	GROC.	EX		-22	33.9			R404a	33.9	HICA0934PL	3DF	9	-25	41.3			
																			Existing unit; System unchanged			

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