

FAN SCHEDULE (EF) (PRE)																										
LOCATION			MANUFACTURER	MODEL NO.	TYPE	ARRANGEMENT	DESCRIPTION	FAN			MOTOR				SOUND PRESS LEVEL (dBA)	UNIT WEIGHT	FLA	MCA	MOCP	VOLT	PH	INTERLOCK		NOTES		
ID	NAME	NO.						DESIGN	ESP	RPM	WHEEL TYPE	DIA	DRIVE TYPE	QTY								POWER	RPM		ECM	ID
EF-1	CORRIDOR	107B	GREENHECK	SQ 90	INLINE	HORIZONTAL	Exhaust Fan	560 CFM	0.25 in-wg	1554	BI	10 7/8"	DIRECT	1	0.10 hp	1725	No	54	50 lb	2.5 A	3.1 A	15.0 A	120 V	1		2.4
PRE-1	ROOF		GREENHECK	CUE-161	CENTRIFUGAL	UPFLOW	Exhaust Fan	2000 CFM	0.40 in-wg	745	BI	1' - 6 1/2"	BELT	1	0.50 hp	1725	No	55	116 lb	2.4 A	3.0 A	15.0 A	208 V	3	KITCHEN HOOD	1,2,3,4,5
PRE-2	ROOF		GREENHECK	G-060	CENTRIFUGAL	DOWNFLOW	Exhaust Fan	70 CFM	0.25 in-wg	1383	BI	8 1/8"	DIRECT	1	0.07 hp	1725	No	41	21 lb	1.3 A	1.6 A	15.0 A	120 V	1		1,2,3,4
PRE-3	ROOF		GREENHECK	CUE-090	CENTRIFUGAL	UPFLOW	Exhaust Fan	600 CFM	0.25 in-wg	1129	BI	11 3/16"	DIRECT	1	0.25 hp	1725	No	51	40 lb	2.9 A	3.6 A	15.0 A	120 V	1	DISHWASHER	1,2,3,4
PRE-4	ROOF		GREENHECK	G-060	CENTRIFUGAL	DOWNFLOW	Exhaust Fan	70 CFM	0.25 in-wg	1383	BI	8 1/8"	DIRECT	1	0.07 hp	1725	No	41	21 lb	1.8 A	2.3 A	15.0 A	120 V	1		1,2,3,4
PRE-5	ROOF		GREENHECK	G-099	CENTRIFUGAL	DOWNFLOW	Exhaust Fan	910 CFM	0.30 in-wg	1429	BI	11 3/16"	DIRECT	1	0.25 hp	1725	No	60	40 lb	2.9 A	3.6 A	15.0 A	120 V	1		1,2,3,4
PRE-6	ROOF		GREENHECK	G-099	CENTRIFUGAL	DOWNFLOW	Exhaust Fan	840 CFM	0.30 in-wg	1351	BI	11 3/16"	DIRECT	1	0.25 hp	1725	No	59	40 lb	2.9 A	3.6 A	15.0 A	120 V	1		1,2,3,4
PRE-7	ROOF		GREENHECK	G-099	CENTRIFUGAL	DOWNFLOW	Exhaust Fan	980 CFM	0.30 in-wg	1509	BI	11 3/16"	DIRECT	1	0.25 hp	1725	No	61	40 lb	2.9 A	3.6 A	15.0 A	120 V	1		1,2,3,4
PRE-8	ROOF		GREENHECK	G-070	CENTRIFUGAL	DOWNFLOW	Exhaust Fan	140 CFM	0.25 in-wg	1402	BI	8 1/8"	DIRECT	1	0.07 hp	1725	No	43	22 lb	1.3 A	1.6 A	15.0 A	120 V	1		1,2,3,4
PRE-9	ROOF		GREENHECK	G-060	CENTRIFUGAL	DOWNFLOW	Exhaust Fan	70 CFM	0.25 in-wg	1383	BI	8 1/8"	DIRECT	1	0.07 hp	1725	No	41	21 lb	1.3 A	1.6 A	15.0 A	120 V	1	RTH-5	1,2,3,4
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ID	NAME	NO.						DESIGN	ESP	RPM	WHEEL TYPE	DIA	DRIVE TYPE	QTY								POWER	RPM		ECM	ID
PRE-10	ROOF	-	GREENHECK	G-080	CENTRIFUGAL	DOWNFLOW	Exhaust Fan	280 CFM	0.50 in-wg	1645	BI	10 7/8"	DIRECT	1	0.10 hp	1725	No	56	28 lb	2.5 A	3.1 A	15.0 A	120 V	1		
NOTES: 1 PROVIDE WITH AN 18" H PRE-MANUFACTURED INSULATED ROOF CURB 2 PROVIDE WITH FACTORY MOUNTED DISCONNECT SWITCH 3 PROVIDE WITH ALUMINUM BIRD SCREEN 4 PROVIDE WITH ECM MOTOR WITH 0-10V INPUT FOR CONTROL AND SPEED SWITCH FOR BALANCING 5 PROVIDE WITH VENTILATED CURB, HINGED CURB CAP KIT, GREASE TRAP AND DRAIN CONNECTION, ECM MOTOR AND ECM MOTOR WIRING PACKAGE WITH CONTROL SWITCH AT HOOD 6 PROVIDE AN AUTOMATIC AIR DAMPER WITH FAN, AUTOMATIC AIR DAMPER PROVIDED AND COORDINATED WITH TC SUBCONTRACTOR																										

AIR COOLED CONDENSING UNIT SCHEDULE (ACCU)																						
ID	ROOM NAME	ROOM NO.	INTERLOCK		MANUFACTURER	MODEL NO.	TYPE	NOMINAL CAP	COMPRESSOR			SUMMER AMBIENT DBT	WINTER AMBIENT DBT	SEER	EER	UNIT WEIGHT	MCA	MOCP	VOLT	PH	NOTES	
			ID						TYPE	REFRIGERANT TYPE	LOW AMBIENT KIT											
ACCU-1	ROOF	-	ACU-1, 3, 5		SAMSUNG	AM036TXMDCH/AA	DVM ECO HEAT PUMP	3 ton	TWIN BLDC ROTARY	R-410A	Yes	95.0 °F	0.0 °F	17.2	12.3	216 lb	23.0 A	40.0 A	208 V	1	1,2,3,4,5	
ACCU-2	ROOF	-	ACU-2		SAMSUNG	AC036MXS0CC/AA	LOW AMBIENT SPLIT SYTEM	2 ton	TWIN BLDC ROTARY	R-410A	Yes	95.0 °F	0.0 °F	19.7	10.2	160 lb	24.0 A	30.0 A	208 V	1	1,2,3,4,5	
ACCU-3	ROOF	-	ACU-4, 6		SAMSUNG	AM036TXMDCH/AA	DVM ECO HEAT PUMP	3 ton	TWIN BLDC ROTARY	R-410A	Yes	95.0 °F	0.0 °F	17.2	12.3	216 lb	23.0 A	40.0 A	208 V	1	1,2,3,4,5	
NOTES: 1 INSTALL UNIT PER MANUFACTURERS RECOMMENDATIONS 2 MOUNT UNIT ON 18" H EQUIPMENT SUPPORT CURB 3 PROVIDE WITH VIBRATION ISOLATION 4 PROVIDE UNIT WITH LOW AMBIENT CONTROLS AND WIND BAFFLES FOR OPERATION DOWN TO -10 DEGREES FAHRENHEIT 5 RUN REFRIGERANT PIPING DOWN THROUGH ROOF WITHIN AN 18" H INSULATED ROOF CURB, CURB CAP AND PIPING BOOTS																						

AIR CONDITIONING UNIT SCHEDULE (ACU)																			
ID	LOCATION		MANUFACTURER	MODEL NO.	TYPE	CFM	CAP		AIRSIDE		UNIT WEIGHT	FLA	MCA	MOCP	VOLT	PH		NOTES	
	NAME	NO.					TOTAL	SENSIBLE	EAT(db)	EAT(wb)									
ACU-1	STORAGE	117	SAMSUNG	AM012TNVDCH/AA	WALL MOUNTED	321 CFM	12000 Btu/h	11700 Btu/h	80.6 °F	66.2 °F	21 lb	0.25 A	0.31 A	15.0 A	208 V	1		1,2,3,4	
ACU-2	IT CLOSET	132	SAMSUNG	AC036MNADCH/AA	WALL MOUNTED	477 CFM	36000 Btu/h	35000 Btu/h	80.6 °F	66.2 °F	32 lb	0.01 A	0.01 A	0.0 A	208 V	1		1,2,3,4,5	
ACU-3	IT CLOSET	210	SAMSUNG	AM012TNVDCH/AA	WALL MOUNTED	321 CFM	12000 Btu/h	11700 Btu/h	80.6 °F	66.2 °F	21 lb	0.25 A	0.31 A	15.0 A	208 V	1		1,2,3,4	
ACU-4	IT CLOSET	234	SAMSUNG	AM012TNVDCH/AA	WALL MOUNTED	321 CFM	12000 Btu/h	11700 Btu/h	80.6 °F	66.2 °F	21 lb	0.25 A	0.31 A	15.0 A	208 V	1		1,2,3,4	
ACU-5	IT CLOSET	301	SAMSUNG	AM012TNVDCH/AA	WALL MOUNTED	321 CFM	12000 Btu/h	11700 Btu/h	80.6 °F	66.2 °F	21 lb	0.25 A	0.31 A	15.0 A	208 V	1		1,2,3,4	
ACU-6	IT CLOSET	325	SAMSUNG	AM012TNVDCH/AA	WALL MOUNTED	321 CFM	12000 Btu/h	11700 Btu/h	80.6 °F	66.2 °F	21 lb	0.25 A	0.31 A	15.0 A	208 V	1		1,2,3,4	
NOTES: 1 PROVIDE UNIT WITH HARD WIRED THERMOSTAT 2 MC IS RESPONSIBLE FOR FIELD REFRIGERANT PIPING AND SYSTEM REFRIGERANT CHARGING 3 UNIT MANUFACTURER TO CONFIRM REFRIGERANT PIPE SIZES 4 PROVIDE UNIT WITH FACTORY INSTALLED CONDENSATE PUMP 5 INDOOR UNIT TO BE POWERED FROM OUTDOOR UNIT																			

AIR SEPARATOR SCHEDULE (AS)													
ID	LOCATION		MANUFACTURER	MODEL NO.	SYSTEM	TYPE	ARRANGEMENT	DESIGN FLOW	MAX FLOW	PIPE SIZE	ASME	UNIT WEIGHT	NOTES
	NAME	NO.											
AS-1	MECHANICAL ROOM	238	BELL & GOSSETT	R-8F	CHILLED WATER	TANGENTIAL	HORIZONTAL	840.0 GPM	1300.0 GPM	8"	Yes	1211 lb	1
AS-2	MECHANICAL ROOM	238	BELL & GOSSETT	R-6F	HEATING WATER	TANGENTIAL	HORIZONTAL	575.0 GPM	700.0 GPM	6"	Yes	579 lb	1
NOTES: 1 INSTALL AS PER UNIT MANUFACTURERS RECOMMENDATIONS													

BUFFER TANK SCHEDULE (BT)																		
ID	LOCATION		MANUFACTURER	MODEL NO.	MATERIAL	SYSTEM	TYPE	ARRANGEMENT	TANK VOLUME	PIPE SIZE		UNIT DIMENSIONS			OPTIONS		UNIT WEIGHT	NOTES
	NAME	NO.								INLET	OUTLET	DIAMETER	TANK HEIGHT	OVERALL	INCLUDE JACKETING	INCLUDE INSULATION		
BT-1	MECH	238	CEMLINE	V120SEB	STEEL	HEATING WATER		VERTICAL	200.0 gal	3"	3"	2'- 6"	6'- 0"	6'- 3"	No	Yes	2010 lb	
NOTES:																		

ROOFTOP HOOD SCHEDULE (RTH)																			
ID	LOCATION		MANUFACTURER	MODEL NO.	TYPE	ARRANGEMENT	DESIGN AIRFLOW	THROAT VELOCITY	THROAT AREA	PD	DAMPER TYPE	BIRD SCREEN	DIMENSIONS				UNIT WEIGHT	NOTES	
	NAME	NO.											THROAT			HOOD			
RTH-1	ROOF	-	GREENHECK	FGR	HOOD	EXHAUST	16630 CFM	499 FPM	33.3 SF	0.03 in-wg	AUTOMATIC	Yes	5'- 0"	6'- 8"	5"	9'- 0"	7'- 5"	387 lb	1,2,3
RTH-2	ROOF	-	GREENHECK	FGI	HOOD	INTAKE	16630 CFM	499 FPM	33.3 SF	0.03 in-wg	AUTOMATIC	Yes	5'- 0"	6'- 8"	5"	11'- 0"	9'- 1"	500 lb	1,2,3
RTH-3	ROOF	-	GREENHECK	FGI	HOOD	INTAKE	3750 CFM	496 FPM	7.6 SF	0.03 in-wg	AUTOMATIC	Yes	2'- 8"	2'- 10"	5"	5'- 0"	4'- 6"	125 lb	1,2,3
RTH-4	ROOF	-	GREENHECK	FGR	HOOD	EXHAUST	1750 CFM	485 FPM	3.6 SF	0.03 in-wg	AUTOMATIC	Yes	1'- 8"	2'- 2"	5"	3'- 0"	2'- 6"	69 lb	1,2,3
RTH-5	ROOF	-	GREENHECK	FGR	HOOD	INTAKE	70 CFM	158 FPM	0.4 SF	0.01 in-wg	AUTOMATIC	Yes	8"	8"	5"	2'- 0"	1'- 6"	37 lb	1,2,3
RTH-6	ROOF	-	GREENHECK	FGR	HOOD	EXHAUST	200 CFM	200 FPM	1.0 SF	0.01 in-wg	AUTOMATIC	Yes	1'- 0"	1'- 0"	5"	2'- 0"	1'- 10"	37 lb	1,2,3
NOTES: 1 PROVIDE AN 18" H INSULATED ROOF CURB WITH UNIT 2 PROVIDE AN AUTOMATIC AIR DAMPENER (AAD) V/H DUCT AT ROOF OPENING. AAD TO BE FURNISHED BY THE TEMPERATURE CONTROL SUB-CONTRACTOR AND INSTALLED BY MC 3 PROVIDE WITH ALUMINUM BIRD SCREEN																			

FIN TUBE RADIATION SCHEDULE (FTR)																	
ID	MANUFACTURER	MODEL NO.	ENCLOSURE					ELEMENT									NOTES
			STYLE	HEIGHT	DEPTH	MOUNTING HEIGHT	PIPE DIA	FIN SIZE (SQ)	FIN/F T	MATERI AL TUBE/FI N	WATERSIDE			GLYCOL		BTU/H/FT	
											EW	LWT	TYPE	%			
FTR-A	SIGMA CORPORATION	44C075	BARE ELEMENT	30"	6"	30"	3/4"	4"	48	CU/AL	1	130 °F	110 °F	PG	40	507 Btu/h	1,2,3
FTR-B	SIGMA CORPORATION	SWE-S	SLOPED TOP	24"	5 1/4"	28"	3/4"	4"	48	CU/AL	1	130 °F	110 °F	PG	40	523 Btu/h	1,2
NOTES:																	
1 PROVIDE ALL WALL BRACKETS, END CAPS AND 12" WIDE FULL HEIGHT PANELS AS REQUIRED																	
2 COORDINATE INSTALLATION OF FIN ELEMENT AND BRACKETS WITH CONTRACTOR RESPONSIBLE FOR CASEWORK PRIOR TO INSTALLATION																	
3 ELEMENT TO BE INSTALLED BEHIND CASEWORK WITHIN A 30" H x 6" D SPACE																	