

2/2/2022 4:37:20 PM

BLOWER COIL UNIT SCHEDULE (BCU)																																				
LOCATION			MANUFACTURER	MODEL NO.	SUPPLY AIR	OUTSIDE AIR	FAN		MOTOR	HEATING COIL DATA										COOLING COIL DATA										FLA	MCA	MOCP	VOLT	PH	NOTES	
ID	NAME	NO.					PRESS	TSP		TOTAL CAP	AIRSIDE		WATERSIDE		GLYCOL		CAP		AIRSIDE		WATERSIDE		GLYCOL													
											EAT(db)	LAT(db)	FLOW	EWT	LWT	PD	Propylene	%	TOTAL	SENSIBLE	EAT(db)	EAT(wb)	LAT(db)	LAT(wb)	FLOW	EWT	LWT	PD	TYPE							%
BCU-1	GYM STORAGE	105A	IEC	HDY06	520 CFM	0 CFM	0.20 in-wg	1.90 in-wg	0.50 hp	29900 Btu/h	40.0 °F	93.2 °F	6.5 GPM	130 °F	120 °F	15.2 ftH2O	Yes	40	19300 Btu/h	15300 Btu/h	83.0 °F	67.0 °F	56.1 °F	55.0 °F	4.5 GPM	45 °F	55 °F	4.6 ftH2O	PG	40	1.0 A	1.0 A	15.0 A	480 V	3	1,2,3,4,5,6
NOTES: 1 HANG UNIT FROM STRUCTURE WITH VIBRATION ISOLATORS 2 PROVIDE UNIT WITH MERV 13 FILTERS 3 PROVIDE UNIT WITH DIRECT DRIVE MOTORS WITH VARIABLE SPEED DRIVES 4 PROVIDE UNIT WITH SINGLE POINT ELECTRICAL CONNECTION WITH INTEGRAL FUSED DISCONNECT 5 REFER TO CONTROL SCHEMATIC DRAWINGS FOR MORE INFORMATION 6 REFER TO DETAIL DRAWINGS FOR UNIT CONFIGURATIONS																																				

DUCT MOUNTED COIL SCHEDULE (DHC)																				
ID	ROOM NAME	ROOM NO.	MANUFACTURER	MODEL NO.	TYPE	CFM	CAP	EAT(db)	LAT(db)	GPM	EWT	LWT	WPD	GLYCOL		UNIT DIMENSIONS		UNIT WEIGHT	NOTES	
														TYPE	%	WIDTH	HEIGHT			
DHC-1	MECHANICAL ROOM	200	NATIONWIDE COILS	HW58F	STANDARD	960 CFM	52000 Btu/h	50.0 °F	100.2 °F	4.0 GPM	130 °F	100 °F	3.5 RH20	PG	40	2'- 0"	10 1/2"	26 lb	1,2	
DHC-2	CORRIDOR	B1	NATIONWIDE COILS	HW58S	STANDARD	490 CFM	26200 Btu/h	50.0 °F	99.6 °F	2.0 GPM	130 °F	100 °F	3.8 RH20	PG	40	1'- 4"	10 1/2"	31 lb	1,2	
DHC-3	CORRIDOR	D1	NATIONWIDE COILS	HW38S	STANDARD	200 CFM	10100 Btu/h	50.0 °F	96.8 °F	1.0 GPM	130 °F	100 °F	4.7 RH20	PG	40	1'- 2"	6"	14 lb	1,2	
DHC-4	CORRIDOR	C2	NATIONWIDE COILS	HW58S	STANDARD	510 CFM	25500 Btu/h	50.0 °F	96.4 °F	2.0 GPM	130 °F	100 °F	3.6 RH20	PG	40	1'- 4"	10 1/2"	31 lb	1,2	
DHC-5	CORRIDOR	C2	NATIONWIDE COILS	HW58S	STANDARD	490 CFM	26200 Btu/h	50.0 °F	99.6 °F	2.0 GPM	130 °F	100 °F	3.8 RH20	PG	40	1'- 4"	10 1/2"	31 lb	1,2	
DHC-6	CORRIDOR	C3	NATIONWIDE COILS	HW38S	STANDARD	370 CFM	18800 Btu/h	50.0 °F	97.1 °F	1.5 GPM	130 °F	100 °F	5.0 RH20	PG	40	1'- 4"	10"	22 lb	1,2	
DHC-7	CORRIDOR	D3	NATIONWIDE COILS	HW58S	STANDARD	620 CFM	30500 Btu/h	50.0 °F	95.6 °F	2.5 GPM	130 °F	100 °F	3.9 RH20	PG	40	1'- 6"	10 1/2"	30 lb	1,2	
DUCT MOUNTED COIL SCHEDULE (DHC) ALTERNATE MC1																				
ID	ROOM NAME	ROOM NO.	MANUFACTURER	MODEL NO.	TYPE	CFM	CAP	EAT(db)	LAT(db)	GPM	EWT	LWT	WPD	GLYCOL		UNIT DIMENSIONS		UNIT WEIGHT	NOTES	
														TYPE	%	WIDTH	HEIGHT			
DHC-1	MECHANICAL ROOM	200	NATIONWIDE COILS	HW58F	STANDARD	1330 CFM	58000 Btu/h	50.0 °F	90.4 °F	4.4 GPM	130 °F	100 °F	4.5 RH20	PG	40	3'- 0"	1'- 0"	26 lb	1,2	
NOTES: 1 REFER TO DUCT MOUNTED COIL DETAIL FOR MORE INFORMATION 2 COIL, COIL SLEEVE AND ASSOCIATED DUCTWORK TO BE FULLY INSULATED																				

CIRCULATING PUMP SCHEDULE (P)																									
ID	LOCATION		SYSTEM	MANUFACTURER	MODEL NO.	TYPE	ARRANGEMENT	PUMP						MOTOR		UNIT WEIGHT	FLA	MCA	MOCP	VOLT	PH	NOTES			
	NAME	NO.						DESIGN	MIN	HEAD	NPSHR	SPEED (RPM)	EFF	DRIVE TYPE	POWER								ECM		
P-1	MECHANICAL ROOM		CHILLED WATER	BELL & GOSSETT	E-1510 5BD	END SUCTION	BASE MOUNT	840.0 GPM	253.0 GPM	75.0 FT	14.1 FH20	1770	82.7%	DIRECT	25.00 hp	No	780 lb	34.0 A	42.5 A	90.0 A	480 V	3	1,2,3,4,5		
P-1A	MECHANICAL ROOM		CHILLED WATER	BELL & GOSSETT	E-1510 5BD	END SUCTION	BASE MOUNT	840.0 GPM	253.0 GPM	75.0 FT	14.1 FH20	1770	82.7%	DIRECT	25.00 hp	No	780 lb	34.0 A	42.5 A	90.0 A	480 V	3	1,2,3,4,5		
P-2	MECHANICAL ROOM		CHILLED WATER	BELL & GOSSETT	E-1510 4BD	END SUCTION	BASE MOUNT	750.0 GPM	180.0 GPM	70.0 FT	8.8 FH20	1770	80.9%	DIRECT	25.00 hp	No	765 lb	34.0 A	42.5 A	90.0 A	480 V	3	1,2,3,4,5		
P-2A	MECHANICAL ROOM		CHILLED WATER	BELL & GOSSETT	E-1510 4BD	END SUCTION	BASE MOUNT	750.0 GPM	180.0 GPM	70.0 FT	8.8 FH20	1770	80.9%	DIRECT	25.00 hp	No	765 lb	34.0 A	42.5 A	90.0 A	480 V	3	1,2,3,4,5		
P-3	MECHANICAL ROOM		HEATING WATER	BELL & GOSSETT	E-1510 3BD	END SUCTION	BASE MOUNT	575.0 GPM	147.0 GPM	80.0 FT	7.6 FH20	1770	83.0%	DIRECT	20.00 hp	No	590 lb	27.0 A	33.8 A	70.0 A	480 V	3	1,2,3,4,5		
P-3A	MECHANICAL ROOM		HEATING WATER	BELL & GOSSETT	E-1510 3BD	END SUCTION	BASE MOUNT	575.0 GPM	147.0 GPM	80.0 FT	7.6 FH20	1770	83.0%	DIRECT	20.00 hp	No	590 lb	27.0 A	33.8 A	70.0 A	480 V	3	1,2,3,4,5		
P-4	MECHANICAL ROOM		HEATING WATER	BELL & GOSSETT	E-90 2AAC	INLINE	INLINE	60.0 GPM	21.3 GPM	45.0 FT	5.0 FH20	3450	66.7%	DIRECT	2.00 hp	Yes	50 lb	7.5 A	9.4 A	20.0 A	208 V	3	5		
NOTES: 1 PROVIDE A VARIABLE SPEED DRIVE WITH PUMP 2 MOUNT PUMP ON 4" REINFORCED PAD AND INCLUDE A SPRING ISOLATED INERTIA PAD WITH EACH PUMP 3 ALIGN PUMP MOTOR, MOTOR SHAFT, AND IMPELLER PRIOR TO GROUNDING BASE 4 PROVIDE SUCTION DIFFUSER 5 REFER TO PUMP INSTALLATION DETAIL FOR MORE INFORMATION																									

EXPANSION TANK SCHEDULE (ET)																				
ID	LOCATION		MANUFACTURER	MODEL NO.	SHELL	BLADDER	SYSTEM	TYPE	ARRANGEMENT	VOL	ACCEPTANCE VOL	MAX ACCEPTANCE FACTOR	PRESS RELIEF	PRECHARGE PRESS	UNIT DIMENSIONS		ASME	UNIT WEIGHT		NOTES
	NAME	NO.													DIAMETER	HEIGHT				
ET-1	MECHANICAL ROOM	238	BELL & GOSSETT	B-800	CARBON STEEL	BUTYL RUBBER	CHILLED WATER	BLADDER	VERTICAL	211.0 gal	211.0 gal	1.00	125 psi	12 psi	30"	81 3/4"	Yes	2352 lb		1,2
ET-2	MECHANICAL ROOM	238	BELL & GOSSETT	B-800	CARBON STEEL	BUTYL RUBBER	HEATING WATER	BLADDER	VERTICAL	211.0 gal	211.0 gal	1.00	125 psi	12 psi	30"	81 3/4"	Yes	2352 lb		1,2
NOTES: 1 MOUNT TANK ON 4" H REINFORCED CONCRETE PAD 2 REFER TO EXPANSION TANK DETAIL FOR MORE INFORMATION																				

CABINET UNIT HEATER SCHEDULE (CUH)																								
ID	ROOM NAME	ROOM NO.	MANUFACTURER	MODEL NO.	TYPE	AIRFLOW	HEATING COIL								HEATING PLANT		HP	VOLT	PH	FLA	MOCP		NOTES	
							CAP	AIRSIDE		WATERSIDE			GLYCOL											
								EAT(db)	LAT(db)	FLOW	EWT	LWT	PD	TYPE	%									
CUH-1	STAIR	ST1	SIGMA CORPORATION	SFF-R-06	RECESSED WALL	600 CFM	20500 Btu/h	60.0 °F	93.6 °F	2.00 GPM	130 °F	110 °F	0.5 rh20	PG	40	0.10 hp	120 V	1	1.9 A	15.0 A		1,2,3		
CUH-2	RECEIVING	111G	SIGMA CORPORATION	SFF-CR-06	RECESSED CEILING	600 CFM	20500 Btu/h	60.0 °F	93.6 °F	2.00 GPM	130 °F	110 °F	0.5 rh20	PG	40	0.10 hp	120 V	1	1.9 A	15.0 A		1,2,3,4		
CUH-3	VESTIBULE	100	SIGMA CORPORATION	SFF-R-08	RECESSED WALL	800 CFM	31300 Btu/h	60.0 °F	98.6 °F	2.50 GPM	130 °F	110 °F	0.3 rh20	PG	40	0.10 hp	120 V	1	1.9 A	15.0 A		1,2,3		
CUH-4	STAIR	ST2	SIGMA CORPORATION	SFF-R-06	RECESSED WALL	600 CFM	20500 Btu/h	60.0 °F	93.6 °F	2.00 GPM	130 °F	110 °F	0.5 rh20	PG	40	0.10 hp	120 V	1	1.9 A	15.0 A		1,2,3		
CUH-5	VESTIBULE	C1A	SIGMA CORPORATION	SFF-R-06	RECESSED WALL	600 CFM	20500 Btu/h	60.0 °F	93.6 °F	2.00 GPM	130 °F	110 °F	0.5 rh20	PG	40	0.10 hp	120 V	1	1.9 A	15.0 A		1,2,3		
CUH-6	STAIR-1	ST2-1	SIGMA CORPORATION	SFF-CR-06	RECESSED CEILING	600 CFM	20500 Btu/h	60.0 °F	93.6 °F	2.00 GPM	130 °F	110 °F	0.5 rh20	PG	40	0.10 hp	120 V	1	1.9 A	15.0 A		1,2,3,4		
CUH-7	STAIR-2	ST2-2	SIGMA CORPORATION	SFF-CR-06	RECESSED CEILING	600 CFM	20500 Btu/h	60.0 °F	93.6 °F	2.00 GPM	130 °F	110 °F	0.5 rh20	PG	40	0.10 hp	120 V	1	1.9 A	15.0 A		1,2,3,4		
CUH-8	STAIR-2	ST1-2	SIGMA CORPORATION	SFF-CR-06	RECESSED CEILING	600 CFM	20500 Btu/h	60.0 °F	93.6 °F	2.00 GPM	130 °F	110 °F	0.5 rh20	PG	40	0.10 hp	120 V	1	1.9 A	15.0 A		1,2,3,4		
CUH-9	STAIR-3	ST2-3	SIGMA CORPORATION	SFF-CR-06	RECESSED CEILING	600 CFM	20500 Btu/h	60.0 °F	93.6 °F	2.00 GPM	130 °F	110 °F	0.5 rh20	PG	40	0.10 hp	120 V	1	1.9 A	15.0 A		1,2,3,4		
CUH-10	STAIR-2	ST3-2	SIGMA CORPORATION	SFF-CR-06	RECESSED CEILING	600 CFM	20500 Btu/h	60.0 °F	93.6 °F	2.00 GPM	130 °F	110 °F	0.5 rh20	PG	40	0.10 hp	120 V	1	1.9 A	15.0 A		1,2,3,4		
CABINET UNIT HEATER SCHEDULE (CUH) ALTERNATE MC1																								
ID	ROOM NAME	ROOM NO.	MANUFACTURER	MODEL NO.	TYPE	AIRFLOW	HEATING COIL								HEATING PLANT		HP	VOLT	PH	FLA	MOCP		NOTES	
							CAP	AIRSIDE		WATERSIDE			GLYCOL											
								EAT(db)	LAT(db)	FLOW	EWT	LWT	PD	TYPE	%									
CUH-11	TOILET	103	SIGMA CORPORATION	SFF-CR-02	RECESSED CEILING	220 CFM	6480 Btu/h	55.0 °F	97.4 °F	1.25 GPM	130 °F	110 °F	0.2 rh20	PG	40	0.10 hp	120 V	1	1.9 A	15.0 A		1,2,3,4		
CUH-12	TOILET	102	SIGMA CORPORATION	SFF-CR-02	RECESSED CEILING	220 CFM	6480 Btu/h	55.0 °F	97.4 °F	1.25 GPM	130 °F	110 °F	0.2 rh20	PG	40	0.10 hp	120 V	1	1.9 A	15.0 A		1,2,3,4		
NOTES																								
1. PROVIDE WITH FACTORY MOUNTED DISCONNECT SWITCH																								
2. PROVIDE COLOR CHART FOR SELECTION BY ARCHITECT																								
3. PROVIDE WITH KEYPAD ACCESS DOORS AND SECURITY FASTENERS																								
4. PROVIDE WITH SAFETY CHAIN																								