

CHILLER SCHEDULE																				
SYMBOL	DESCRIPTION	CAPACITY (TONS)	REFRIGERANT	EVAPORATOR DATA				CONDENSER DATA				COMP. ELECTRICAL GTY. V/F/PH/Hz	MCA MAX.	KILTON MAX.	OPER. WT. LBS.	MANUFACTURER # MODEL NO.	REMARKS			
				GPM	ENT. T	LUT. T	NO. OF PASSES	MAX. PRESS. DROP	GPM	ENT. T	LUT. T							NO. OF PASSES	MAX. PRESS. DROP	
Ⓢ	RECIPROCATING	206	R-22	380	45	55	2	12	600	85	95	2	20	2	460/3/60	343	86	1850	MCQUAY WFR02020	

* REFER TO ELECTRICAL DRAWINGS FOR EXACT ELECTRICAL CHARACTERISTICS.

HOT WATER BOILER SCHEDULE													
SYMBOL	TYPE	FUEL	BTU/HR INPUT	MIN. EFFICIENCY	GPM	ENT. T	LUT. T	ASME PRESSURE RATING	ELECTRICAL HP V/F/PH/Hz	OPER. WT. LBS.	MANUFACTURER # MODEL NO.	REMARKS	
Ⓢ	HOT WATER	GAS FIRED	2,100,000	82%	160	160	180	160 PSIG	-	120/1/60	1400	RATPAK H-2100	WITH FLUE AND ROOF CAP.

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INDIRECT/DIRECT EVAPORATIVE COOLER SCHEDULE																		
SYMBOL	SERVICE	CFM	EST. ESP.	ELECTRICAL				MANUFACTURER # MODEL NO.	INDIRECT COOLING EFF% GPM/DP	DIRECT COOLING EFF% GPM/DP	APPROX. OPER. WT. LBS.	ACCESSORIES	REMARKS					
				SUPPLY FAN HP	RELIEF FAN HP	MCA	FLA							V/F/PH/Hz				
Ⓢ	TOILET 158-166	6000	05	3.0	3.0	40	34	460/3/60	DES CHAMPS PIDC-6	80	6	0.60	85	3	0.21	2"	4000	PROVIDE SERIES 91 POLYMER HEAT EXCHANGER, RELIEF FAN, AND 2-STAGE THERMOSTAT.

* UNIT SHALL HAVE SMOKE DETECTOR IN SUPPLY AIR DUCT AND AUTOMATIC SHUTOFFS.

COOLING TOWER FILTER SCHEDULE								
SYMBOL	LOCATION	FLOW GPM	MIN. FILTER AREA	ELECTRICAL HP V/F/PH/Hz	OPER. WT. LBS.	MANUFACTURER # MODEL NO.	REMARKS	
Ⓢ	COOLING TOWER	35	177	1	460/3/60	445	PEP SFF-18	

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CIRCULATING PUMP SCHEDULE									
SYMBOL	TYPE	AREA SERVED	GPM	HEAD	MOTOR		MIN. EFF. %	MANUFACTURER # MODEL NO.	REMARKS
					HP	RPM			
Ⓢ	END SUCTION	HEATING HOT WATER	160	70	1.5	1750	68	BELL & GOSSET 1510-2 1/2 B38	W/ SUCTION DIFFUSER AND TRIPLE DUTY VALVE
Ⓢ	END SUCTION	CHILLED WATER	380	86.0	15	1750	75	BELL & GOSSET 1510-3E	W/ SUCTION DIFFUSER AND TRIPLE DUTY VALVE
Ⓢ	END SUCTION	CHILLED WATER	380	86.0	15	1750	75	BELL & GOSSET 1510-3E	W/ SUCTION DIFFUSER AND TRIPLE DUTY VALVE
Ⓢ	END SUCTION	CONDENSER WATER	600	55.3	15	1750	82	BELL & GOSSET 1530-4BC	W/ SUCTION DIFFUSER AND TRIPLE DUTY VALVE
Ⓢ	END SUCTION	CONDENSER WATER	600	55.3	15	1750	82	BELL & GOSSET 1530-4BC	W/ SUCTION DIFFUSER AND TRIPLE DUTY VALVE

AIR SEPARATOR SCHEDULE						
SYMBOL	DESCRIPTION	GPM	DIMENSIONS	OPER. WT. LBS.	MANUFACTURER # MODEL NO.	REMARKS
Ⓢ	HOT WATER	150	36" H X 10" DIA.	165	B 4 G ROLAIRTROL R-4 WITH STRAINER	
Ⓢ	CHILLED WATER	350	36" H X 10" DIA.	220	B 4 G ROLAIRTROL R-5 WITH STRAINER	

EXPANSION TANK SCHEDULE									
SYMBOL	SERVICE	VOLUME (GALLONS)		DIAMETER	LENGTH	ASME RATED PRESSURE	OPER. WT. LBS.	MANUFACTURER # MODEL NO.	REMARKS
		TANK	ACCEPTANCE						
Ⓢ	HOT WATER	45	24	16"	68"	125 PSIG	650	B 4 G D10	W/ MOUNTING BRACKETS
Ⓢ	CHILLED WATER	34	19	16"	56"	125 PSIG	500	B 4 G D10	W/ MOUNTING BRACKETS

CHEMICAL FEED SCHEDULE	
SYMBOL	REMARKS
Ⓢ	SEE SPECIFICATIONS

PLATE AND FRAME HEAT EXCHANGER										
SYMBOL	FLOW (GPM)		SILENT TEMP.		P.D. PSI		NO. PLATES	AREA (SQ. FT.)	MANUFACTURER # MODEL NO.	REMARKS
	HOT	COLD	HOT	COLD	HOT	COLD				
Ⓢ	350	600	58	50	5.16	14.45	91	275	BAC EC5-91-21H	30466 PLATES, NBR GASKETS.

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LOUVER SCHEDULE							
SYMBOL	TYPE	SIZE	MATERIAL	SCREEN	MANUFACTURER # MODEL NO.	ACCESSORIES	REMARKS
L1	STATIONARY LOUVER	36" W X 60" H	EXTRUDED ALUMINUM	BIRDSCREEN	RUSKIN ELF-3TB		FINISH BY GENERAL CONTRACTOR FILTER RACK, 2" THICK STANDARD SIZE FILTERS.
L2	STATIONARY LOUVER	16" W X 24" H	EXTRUDED ALUMINUM	BIRDSCREEN	RUSKIN ELF-3TB		FINISH BY GENERAL CONTRACTOR FILTER RACK, 2" THICK STANDARD SIZE FILTERS.
L3	BACK-DRAFT DAMPER	48" W X 20" H	EXTRUDED ALUMINUM	-	RUSKIN BD-6-SPC		FINISH BY GENERAL CONTRACTOR

COOLING TOWER SCHEDULE (OPEN CIRCUIT)												
SYMBOL	DESCRIPTION	ENT. WT. T	GPM	ENT. T	MAX. LUT. T	FANS		ELECTRICAL		OPER. WT. LBS.	MANUFACTURER # MODEL NO.	ACCESSORIES
						NO.	CFM	HP	V/F/PH/Hz			
Ⓢ	LOW PROFILE BLOW THRU	74	600	95	85	1	39,940	20	460/3/60	6820	BAC VL-T1-L	WITH TAPERED DISCHARGE HOOD 3KW BASIN HEATER

* REFER TO ELECTRICAL DRAWINGS FOR EXACT ELECTRICAL CHARACTERISTICS.
** MOTOR TO BE COMPATIBLE WITH VARIABLE FREQUENCY DRIVE.

REVISION	DESCRIPTION	DATE	REV. BY

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