

CHILLER SCHEDULE

MARK	LOCATION	AMBIENT AIR TEMP. °F	MINIMUM EER	MINIMUM IPLV	COMPRESSOR DATA					EVAPORATOR DATA					UNIT ELECTRICAL DATA			MAKE/MODEL	NOTES
					TYPE	REFRIGERANT TYPE	MIN. NUMBER	SOUND PRESSURE DBA	V/PHHZ	CAPACITY TONS	EHT	LNT	GPM	MAX. HPD FT. HD.	V/PHHZ	MCA	MOP		
CH-1	EQUIPMENT YARD	105	4.6	4.6	SCROLL	R-134A	6	62	460/3/60	130	54	42	260	8.3	460/3/60	230	400	TRANE MODEL NO. RTAC140 OR APPROVED ALTERNATE	I THRU 15
CH-2	EQUIPMENT YARD	105	4.6	4.6	SCROLL	R-134A	6	62	460/3/60	130	54	42	260	8.3	460/3/60	230	400	TRANE MODEL NO. RTAC140 OR APPROVED ALTERNATE	I THRU 15

- NOTES:
- EVAPORATOR FOULING FACTOR IS 0.0001 HR-SQ. FT.-DEG F/BTU.
 - PROVIDE FULL UNIT LOUVERED PANELS THAT FULLY COVER BOTH THE CONDENSER AND COMPRESSOR SECTIONS OF THE EQUIPMENT.
 - CHILLER SHALL BE CERTIFIED TO ARI STANDARD 550/540-4B. EER AND IPLV VALUES ARE TESTED AT ARI STANDARDS.
 - PROVIDE CHILLER WITH A FACTORY PRE-WIRED GFI RECEPTACLE.
 - CHILLER SHALL BE FACTORY PRE-WIRED WITH SINGLE POINT POWER WIRING CONNECTION AND NON-FUSED DISCONNECT SWITCH.
 - INSTALL WEATHERPROOF FLOW SWITCHES, PROVIDED BY CONTROLS CONTRACTOR.
 - PROVIDE 5-YEAR COMPRESSOR WARRANTY.
 - PROVIDE UNIT WITH FACTORY INSTALLED SERVICE ISOLATION VALVES ON BOTH THE SUCTION AND DISCHARGE SIDE OF EACH COMPRESSOR.
 - PROVIDE UNIT WITH CONTROL POWER TRANSFORMERS.
 - PROVIDE UNIT WITH SEPARATE FACTORY INSTALLED CIRCUIT BREAKERS FOR EACH COMPRESSOR WITH INDEPENDENT SYSTEM COMPRESSOR ISOLATION SWITCHES.
 - PROVIDE UNIT WITH VIBRATION ISOLATORS.
 - PROVIDE UNIT WITH CONTROL SYSTEM GATEWAY COMPATIBLE WITH BAS SYSTEM.
 - EER AND IPLV LISTED ARE AT ARI CONDITIONS.
 - CAPACITY IS BASED ON 105 DEG F AMBIENT.
 - PROVIDE UNIT WITH A POWER FACTOR CORRECTION CAPACITOR AS REQUIRED TO MAINTAIN A POWER FACTOR OF 0.95 AT ALL LOAD CONDITIONS.

BOILER SCHEDULE

MARK	LOCATION	TYPE	MBH INPUT	MBH OUTPUT	GPM	FLOW MAX/MIN	EHT °F	LNT °F	VENT INCH	MAX. PRESSURE DROP FT. HD.	AMPS	V/PH	MAKE/MODEL	NOTES
B-1	MECHANICAL ROOM	GAS FIRED, CONDENSING, FIRE TUBE	1000	880	88	150/25	160	180	6	0.23	8	115/1	AERCO MODEL NO. KC-1000 OR APPROVED ALTERNATE	I THRU 6
B-2	MECHANICAL ROOM	GAS FIRED, CONDENSING, FIRE TUBE	1000	880	88	150/25	160	180	6	0.23	8	115/1	AERCO MODEL NO. KC-1000 OR APPROVED ALTERNATE	I THRU 6

- NOTES:
- BOILER SHALL COMPLY WITH ASHRAE 90.1
 - FURNISH ASME TANK RATED AT 150 PSI WORKING PRESSURE
 - FURNISH UNIT WITH LOW NOX PACKAGE SECONDARY LOW WATER CUT OFF AND GRAVITY DRAIN FOR EXHAUST MANIFOLD.
 - FURNISH BOILER AS PART OF BOILER PACKAGE WITH INTEGRATED BOILER MANAGEMENT SYSTEM MODULE TO CONTROL ALL OPERATION AND ENERGY INPUT OF MULTIPLE BOILERS.
 - OUTPUT LISTED AT 100% FIRE, 160 °F RETURN WATER TEMPERATURE, EFFICIENCY INCREASES AT LOWER RETURN WATER TEMPERATURES.
 - PROVIDE UNIT WITH CONTROL SYSTEM GATEWAY COMPATIBLE WITH BAS SYSTEM.

PUMP SCHEDULE

MARK	TYPE	IMPELLER DIAMETER INCH	GPM	FT. HEAD	% EFF.	ELECTRICAL DATA			MAKE/MODEL	NOTES	
						HP	VOLTS	PHASE HERTZ			
CHWP-1	INLINE	6 1/2	260	35	77	5	460	3	60	TACO SERIES 400T OR APPROVED ALTERNATE	1
CHWP-2	INLINE	6 1/2	260	35	77	5	460	3	60	TACO SERIES 400T OR APPROVED ALTERNATE	1
CHWP-3	BASE-MOUNTED END SUCTION	8 5/8	260	65	71	7.5	460	3	60	TACO SERIES 3004 OR APPROVED ALTERNATE	1, 2
CHWP-4	BASE-MOUNTED END SUCTION	8 5/8	260	65	71	7.5	460	3	60	TACO SERIES 3004 OR APPROVED ALTERNATE	1, 2
HWP-1	BASE-MOUNTED END SUCTION	8 5/8	100	70	61	5	460	3	60	TACO SERIES 1504 OR APPROVED ALTERNATE	1, 2
HWP-2	BASE-MOUNTED END SUCTION	8 5/8	100	70	61	5	460	3	60	TACO SERIES 1504 OR APPROVED ALTERNATE	1, 2

- NOTES:
- PROVIDE UNIT WITH PREMIUM EFFICIENCY INVERTER DUTY MOTOR AND THREE YEAR WARRANTY.
 - VFD TO BE PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR. REFERENCE SPECIFICATION SECTION 16264.

DUCT HEATER SCHEDULE

MARK	LOCATION	TYPE	DUCT SIZE	KW	V/PH	MAKE/MODEL	NOTES
D-1	WOMEN'S LOCKER ROOM	FLANGED OPEN COIL	10x10	10	480/3	INDEECO MODEL QUIZ-K	1
D-2	MEN'S LOCKER ROOM	FLANGED OPEN COIL	10x10	10	480/3	INDEECO MODEL QUIZ-K	1

- NOTES:
- FURNISH WITH DISCONNECT SWITCH, THERMAL CUTOUTS, AIRFLOW SWITCH, CONTACTORS, CONTROL TRANSFORMER, FUSES, SCR CONTROLLER, AND ROOM THERMOSTAT.

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MUSTANGS

RECORD SET

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SCHEDULES
MECHANICAL

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