

AIR HANDLING UNIT SCHEDULE

SYMBOL	LOCATION	SERVICE AREA	CATALOG DATA		AIR PERFORMANCE		SUPPLY FAN DATA														CLG COIL ID NO	HTG COIL ID NO	FILTER ID NO	RETURN FAN DATA										EMERGENCY POWER REQ'D	OPERATING WEIGHT LB	ANCHORAGE REFERENCE DETAIL	SPECIAL SEISMIC CERT. CAN 2-1708A.5				
			COMPANY NAME	MODEL SIZE	MAX DESIGN SUPPLY AIR (CFM)	ASP MIN. OSA (CFM)	TYPE	CLASS	FAN QTY.	CAPACITY CFM (EA)	ASP TOTAL IN	DSP EXT IN	FAN RPM	FAN BHP	WHEEL DIA (IN)	MOTOR				ASP EXT IN				XSP TSP IN	FAN RPM	FAN BHP	WHEEL DIA (IN)	MOTOR													
															HP	RPM	VOLT/PH/Hz	VFD		MODEL SIZE	TYPE	CLASS	FAN QTY.	MAX CAPACITY CFM	ASP EXT IN	XSP TSP IN	FAN RPM	FAN BHP	WHEEL DIA (IN)	HP	RPM	VOLT/PH/Hz	VFD								
AHU E-1	TOWER II BASEMENT	LEVEL 1 AND 2	ENERGY LAB	—	84,000	34,000	DIRECT DRIVE PLENUM FAN	3	2	42,000	7.0	3.25	1158	60.3	44.5	75	1200	460/3/60	YES	CC-E-1	N/A	AF-E-1	—	DIRECT DRIVE PLENUM FAN	2	1	50,000	2.75	3.5	871	34.8	49	50	900	460/3/60	YES	YES	40,000	1/M10-01	YES	
AHU E-2	TOWER II ROOF	LEVEL 3 THRU 7	ENERGY LAB	—	110,000	36,000	DIRECT DRIVE PLENUM FAN	3	4	27,500	9.5	3.25	1819	57.0	33	75	1800	460/3/60	YES	CC-E-1	N/A	AF-E-1	—	DIRECT DRIVE PLENUM FAN	2	4	18,500	2.5	3	1467	14.1	30	20	1200	460/3/60	YES	YES	95,000	4/M10-01	YES	
AHU E-3	TOWER II ROOF	LEVEL 3 THRU 7	ENERGY LAB	—	110,000	36,000	DIRECT DRIVE PLENUM FAN	3	4	27,500	9.5	3.25	1819	57.0	33	75	1800	460/3/60	YES	CC-E-1	N/A	AF-E-1	—	DIRECT DRIVE PLENUM FAN	2	4	18,500	2.5	3	1467	14.1	30	20	1200	460/3/60	YES	YES	95,000	4/M10-01	YES	
AHU W-1	SUPERFLOOR BASEMENT	SUPERFLOOR BASEMENT	ENERGY LAB	—	80,000	60,000	DIRECT DRIVE PLENUM FAN	3	2	40,000	7	3	1460	72.1	40.2	100	1200	460/3/60	YES	CC-W-1	N/A	AF-W-1	—	DIRECT DRIVE PLENUM FAN	2	1	20,000	2.5	3	882	13.98	40.2	20	—	460/3/60	YES	YES	45,000	2/M10-01	YES	
AHU W-2	SUPERFLOOR BASEMENT	LEVEL 1	ENERGY LAB	—	70,000	20,000	DIRECT DRIVE PLENUM FAN	3	2	35,000	7.0	3.25	1313	54	40.2	75	1200	460/3/60	YES	CC-W-2	N/A	AF-W-2	—	DIRECT DRIVE PLENUM FAN	2	1	50,000	2.5	3	882	36.6	49	50	—	460/3/60	YES	YES	45,000	3/M10-01	YES	
AHU W-3	SUPERFLOOR ROOF	LEVEL 2, 3 & 4 (NORTH)	ENERGY LAB	—	70,000	30,000	DIRECT DRIVE PLENUM FAN	3	2	35,000	9	3	1725	71.3	44.5	100	1800	460/3/60	YES	CC-W-3	N/A	AF-W-3	—	DIRECT DRIVE PLENUM FAN	2	2	20,000	2	2.75	947	12.4	36.5	20	—	460/3/60	YES	YES	50,000	5/M10-01	YES	
AHU W-4	SUPERFLOOR ROOF	LEVEL 3 OR	ENERGY LAB	—	60,000	20,000	DIRECT DRIVE PLENUM FAN	3	2	30,000	9	3	1928	60	33	75	1800	460/3/60	YES	CC-W-4	N/A	AF-W-4	—	DIRECT DRIVE PLENUM FAN	2	2	20,000	2	2.75	947	12.4	36.5	20	—	460/3/60	YES	YES	50,000	6/M10-01	YES	
AHU W-5	SUPERFLOOR ROOF	LEVEL 2 & 4 (SOUTH)	ENERGY LAB	—	50,000	15,000	DIRECT DRIVE PLENUM FAN	3	2	25,000	9	3	1822	49.9	33	60	1800	460/3/60	YES	CC-W-5	N/A	AF-W-5	—	DIRECT DRIVE PLENUM FAN	2	2	17,500	2	2.75	1151	11.3	33	20	—	460/3/60	YES	YES	50,000	7/M10-01	YES	
FCU B-1	BASEMENT	MAIN ELECTRICAL	TRANE	CSIA010	5,000	—	BELL DRIVE FC	1	1	5,000	2.45	1.0	1058	3.8	15	5	1750	460/3/60	NO	CC-FCU-B1	N/A	AF-FCU-B1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO	YES	1,200	A4/S5.3	YES
FCU B-2&3	BASEMENT	NORMAL ELECTRICAL	TRANE	CSIA008	4,000	—	BELL DRIVE FC	1	1	4,000	2.50	1.0	1685	4.3	10	5	1750	460/3/60	NO	CC-FCU-B2&3	N/A	AF-FCU-B2&3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO	YES	1,000	A4/S5.3	YES
FCU B-4	BASEMENT	EMERGENCY ELECTRICAL	TRANE	CSIA010	5,000	—	BELL DRIVE FC	1	1	5,000	2.45	1.0	1058	3.8	15	5	1750	460/3/60	NO	CC-FCU-B4	N/A	AF-FCU-B4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO	YES	1,200	A4/S5.3	YES
FCU B-5	BASEMENT	FIRE PUMPS ROOM	TRANE	BCHC90	3,000	—	BELL DRIVE FC	1	1	3,000	2.5	1.5	1335	—	—	3	1750	460/3/60	NO	CC-FCU-B5	N/A	AF-FCU-B5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO	YES	400	D4/S5.2	YES
FCU B-6	BASEMENT	HEAT EXCHANGER ROOM	TRANE	CSIA012	6,000	—	BELL DRIVE FC	1	1	6,000	2.3	1.0	905	3.7	18	5	1750	460/3/60	NO	CC-FCU-B6&7	N/A	AF-FCU-B6&7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO	YES	1,400	A4/S5.3	YES
FCU B-7	BASEMENT	HEAT EXCHANGER ROOM	TRANE	CSIA012	6,000	—	BELL DRIVE FC	1	1	6,000	2.4	1.0	1017	4.7	18	7.5	1750	460/3/60	NO	CC-FCU-B6&7	N/A	AF-FCU-B6&7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO	YES	1,500	A4/S5.3	YES
FCU B-8	BASEMENT	MECHANICAL	TRANE	CSIA010	5,000	—	BELL DRIVE FC	1	1	5,000	2.45	1.0	1058	3.8	15	5	1750	460/3/60	YES	CC-FCU-B8	N/A	AF-FCU-B8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	YES	YES	1,200	A4/S5.3	YES
FCU B-9	BASEMENT	CORRIDOR & BLDG CONTROL SYSTEM ROOM	TRANE	CSIA008	3,500	—	BELL DRIVE FC	1	1	3,500	2.3	1.0	1555	3.0	10	5	1750	460/3/60	YES	CC-FCU-B9	HC-FCU B-9	AF-FCU-B9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	YES	YES	1,200	A4/S5.3	YES
FCU B-10&11	BASEMENT	ELEVATOR MACHINE ROOM ROOMS B.022 & B.048.01	TRANE	BCHC036	800	—	BELL DRIVE FC	1	1	800	1.2	0.75	1225	0.29	—	1/2	1750	115/1/60	NO	CC-FCU B10&11	N/A	BUILT IN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO	YES	300	D4/S5.2	YES
FCU N-1&2	BASEMENT	BOILER ROOM	TRANE	BCHC090	3,000	—	BELL DRIVE FC	1	1	3,000	1.6	1.0	1182	1.83	—	3	1750	460/3/60	NO	CC-FCU N-1&2	HC-FCU N-1	AF-FCU N-1&2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO	YES	500	D4/S5.2	YES
FCU E-3	FIRST FLOOR	PHARMACY/WORKSTATION	TRANE	CSIA008	4,000	—	BELL DRIVE FC	1	1	4,000	3.6	1.0	1611	4.7	10	7.5	3450	460/3/60	YES	CC-FCU-N3	N/A	AF-FCU-N3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	YES	YES	1,600	A4/S5.3	YES	
FCU E-1	TOWER II ROOF	ELECTRICAL ROOM	TRANE	CSIA008	4,000	—	BELL DRIVE FC	1	1	4,000	2.4	1.0	905	3.7	10	5	1750	460/3/60	NO	CC-FCU-E1	N/A	AF-FCU-E1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO	YES	1,000	A4/S5.3	YES	
FCU E-2	TOWER II ROOF	ELECTRICAL ROOM	TRANE	CSIA090	3,000	—	BELL DRIVE FC	1	1	3,000	2.5	1.0	1335	—	—	3	1980	115/1/60	NO	CC-FCU-E2	N/A	AF-FCU-E2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO	YES	400	A4/S5.3	YES	
FCU E-3&4	TOWER II ROOF	CHILLER ROOM	TRANE	BCHC090	3,000	—	BELL DRIVE FC	1	1	3000	2.5	1.0	1335	—	—	3	1750	460/3/60	NO	CC-FCU-E3&4	N/A	AF-FCU-E3&4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO	YES	400	D4/S5.2	YES	
FCU P-2	PENTHOUSE LEVEL 2	ELEV. MECH. ROOM	TRANE	CSIA008	4,000	—	BELL DRIVE FC	1	1	4000	2.4	1.0	905	3.7	10	5	1750	460/3/60	NO	CC-FCU-P2	N/A	AF-FCU-P2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO	YES	1,000	A4/S5.3	YES	
FCU E-3	PENTHOUSE LEVEL 3	ELEV. MECH. ROOM	TRANE	BCVC072	2,000	—	BELL DRIVE FC	1	1	2,000	2.75	1.5	1213	—	10x10	1-1/2	1750	460/3/60	NO	CC-FCU-P3	N/A	AF-FCU-P3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO	YES	400	A4/S5.2	YES		
FCU W-1	PANCAKE ROOF	ELECTRICAL ROOM	TRANE	BCVC072	2,000	—	BELL DRIVE FC	1	1	2000	2.75	1.5	1213	—	10x10	1-1/2	1750	460/3/60	NO	CC-FCU-W1	N/A	CC-FCU-W1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO	YES	400	A4/S5.2	YES		
FCU N-9	NORTH TOWER BASEMENT	ELECTRICAL ROOM	TRANE	BCHC054	2,000	—	BELL DRIVE FC	1	1	2,000	1.8	0.75	1275	0.9	—	1	1750	460/3/60	NO	CC-FCU-N9	N/A	AF-FCU-N9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NO	YES	200	D4/S5.2	YES		

CHILLED WATER PRESSURE INDEPENDENT CONTROL VALVE SCHEDULE

ID	SERVICE	LOCATION	CATALOG		FLOW RATE		ACTUATOR			SYSTEM PRESSURE	DIFF. PRESSURE	WEIGHT	REMARKS
			MFR	MODEL	DESIGN	MAX.	MFR	FAIL. POS.	TORQUE REQ. (IN-LBS)				
V-E-1	AHU E-1	CHOC TOWER II	DELTA P	6"-EDP	472.9	650.0	BRAY	IN PLACE	1520	150	5-70	240	PART OF PIPE SUPPORT
V-E-2	AHU E-2	CHOC TOWER II	DELTA P	8"-IDP	672.4	1320.0	BRAY	IN PLACE	2110	150	5-70	575	PART OF PIPE SUPPORT
V-E-3	AHU E-3	CHOC TOWER II	DELTA P	8"-IDP	672.4	1320.0	BRAY	IN PLACE	2110	150	5-70	575	PART OF PIPE SUPPORT
V-W-1	AHU W-1	CHOC TOWER II	DELTA P	6"-EDP	544.0	650.0	BRAY	IN PLACE	1520	150	5-70	240	PART OF PIPE SUPPORT
V-W-2	AHU W-2	CHOC TOWER II	DELTA P	6"-EDP	385.1	650.0	BRAY	IN PLACE	1520	150	5-70	240	PART OF PIPE SUPPORT
V-W-3	AHU W-3	CHOC TOWER II	DELTA P	6"-EDP	422.1	650.0	BRAY	IN PLACE	1520	150	5-70	240	PART OF PIPE SUPPORT
V-W-4	AHU W-4	CHOC TOWER II	DELTA P	6"-EDP	347.8	650.0	BRAY	IN PLACE	1520	150	5-70	240	PART OF PIPE SUPPORT
V-W-5	AHU W-5	CHOC TOWER II	DELTA P	4"-EDP	288.7	515.0	BRAY	IN PLACE	404	150	5-70	165	PART OF PIPE SUPPORT
V-FC-B-1	FCU B-1	CHOC TOWER II	DELTA P	2"-HDP	32.6	90.0	BRAY	IN PLACE	87	150	5-70	34	PART OF PIPE SUPPORT
V-FC-B-2 V-FC-B-3	FCU B-2/3	CHOC TOWER II	DELTA P	1.25"-HDP	ABR (2)26.02	32.0	BRAY	IN PLACE	66	150	5-70	11	PART OF PIPE SUPPORT
V-FC-B-4	FCU B-4	CHOC TOWER II	DELTA P	2"-HDP	32.6	90.0	BRAY	IN PLACE	87	150	5-70	34	PART OF PIPE SUPPORT
V-FC-B-5	FCU B-5	CHOC TOWER II	DELTA P	1.25"-HDP	19.9	32.0	BRAY	IN PLACE	66	150	5-70	11	PART OF PIPE SUPPORT
V-FC-B-6 V-FC-B-7	FCU B-6/7	CHOC TOWER II	DELTA P	2"-HDP	(2)39.2	90.0	BRAY	IN PLACE	87	150	5-70	34	PART OF PIPE SUPPORT
V-FC-B-8	FCU B-8	CHOC TOWER II	DELTA P	2"-HDP	32.6	50	BRAY	IN PLACE	66	150	5-70	11	PART OF PIPE SUPPORT
V-FC-B-9	FCU B-9	CHOC TOWER II	DELTA P	1.5"-HDP	22.81	32.0	BRAY	IN PLACE	31	150	5-70	7	PART OF PIPE SUPPORT
V-FC-N-1 V-FC-N-2	FCU N-1/2	CHOC TOWER	DELTA P	1.25"-HDP	(2)19.99	32.0	BRAY	IN PLACE	66	150	5-70	11	PART OF PIPE SUPPORT
V-FC-N3	FCU N-3	CHOC TOWER	DELTA P	1.5"-HDP	26.2	32.0	BRAY	IN PLACE	31	150	5-70	7	PART OF PIPE SUPPORT
V-FC-E-1	FCU E-1	CHOC TOWER II	DELTA P	2"-HDP	26.2	32	BRAY	IN PLACE	31	150	5-70	7	PART OF PIPE SUPPORT
V-FC-E-2	FCU E-2	CHOC TOWER II	DELTA P	1"-HDP	19.99	6.0	BRAY	IN PLACE	31	150	5-70	11	PART OF PIPE SUPPORT
V-FC-E-3 V-FC-E-4	FCU E-3/4	CHOC TOWER II	DELTA P	1.25"-HDP	(2)19.99	32.0	BRAY	IN PLACE	31	150	5-70	7	PART OF PIPE SUPPORT
V-FC-P-2	FCU P-2	CHOC TOWER II	DELTA P	1.5"-HDP	26.2	50.0	BRAY	IN PLACE	87	150	5-70	11	PART OF PIPE SUPPORT
V-FC-P-3	FCU P-3	CHOC TOWER II	DELTA P	1.25"-HDP	13.5	32.0	BRAY	IN PLACE	66	150	5-70	34	PART OF PIPE SUPPORT
V-FC-W-1	FCU W-1	CHOC TOWER II	DELTA P	1.25"-HDP	13.5	32.0	BRAY	IN PLACE	66	150	5-70	11	PART OF PIPE SUPPORT
				TOTAL GPM	4310.1	TOTAL GPM FCU 504.7 TOTAL GPM 3810.4							