

S. NO.	QUANTITY	TAG	AREA SERVED	TYPE	COOLING CAPACITY		HEATING CAPACITY	COOLING CONDITIONS				HEATING CONDITIONS		MAX. AIR SIDE ESP	MAX. PD	SUPPLY AIR	WATER CONDITIONS						MAXIMUM FACE VELOCITY	POWER INPUT	ELECTRICAL CHARACTERISTICS			
					BTU/hr	BTU/hr		ON COIL TEMP °F	OFF COIL TEMP °F	ON COIL TEMP °F	OFF COIL TEMP °F	IN °F	OUT °F				GPM	IN °F	OUT °F	GPM								
							TOTAL							SENSIBLE		DB					WB	DB	WB	In °F		In °F	GPM	GPM
BASEMENT 1																												
1	1	FCU-B-01	LOBBY 1	DUCTED	30372	21537	14370	75	62.5	55.0	54.3	72	111.3	0.3		4.2	979	42	54	5.07	176	140	0.80	0.692	230/150			
2	1	FCU-B-02	LOBBY 2	DUCTED	5865	4162	2978	75	62.5	55.0	54.3	72	113.1	0.2		1.5	189	42	54	0.88	176	140	0.17	0.1	230/150			
3	1	FCU-B-03	LOBBY 3	DUCTED	12089	8654	7425	75	62.5	55.0	54.3	72	116.2	0.2		6.8	407	42	54	2.02	176	140	0.42	0.175	230/150			
4	1	FCU-B-04	OFFICE	DUCTED	6568	6135	4415	75	62.5	55.0	54.3	72	115.4	0.2		2.1	279	42	54	1.10	176	140	0.25	0.15	230/150			
5	1	FCU-B-05	PROPOSED EV ROOM	DUCTED	6166	5599		75	62.5	55.0	54.3	72		0.2		2	235	42	54	1.03	176	140		0.08	230/150			
6	1	FCU-B-06	ELEC ROOM 1	DUCTED	3839	3272		75	62.5	55.0	54.3	72		0.2		0.6	149	42	54	0.64	176	140		0.07	230/150			
7	1	FCU-B-07	ELEC ROOM 2	DUCTED	5455	4888		75	62.5	55.0	54.3	72		0.2		0.6	222	42	54	0.51	176	140		0.1	230/150			
8	1	FCU-B-08	LOBBY 4	DUCTED	4340	3062	2933	75	62.5	55.0	54.3	72	108.1	0.3		2.3	1394	42	54	7.24	176	140	1.63	0.792	230/150			
9	1	FCU-B-09	PROPOSED CS ROOM	DUCTED	15571	15002		75	62.5	55.0	54.3	72		0.2		1.2	682	42	54	2.60	176	140		0.3	230/150			
10	1	FCU-B-10	PROPOSED TELEPHONE ROOM	DUCTED	5683	5115		75	62.5	55.0	54.3	72		0.2		0.7	233	42	54	0.55	176	140		0.1	230/150			
11	1	FCU-B-11	GARBBAGE	DECORATIVE	2790.0	2790.0		75	62.5	55.0	54.3					1.0	127	42	54	0.47				0.05	230/150			

BASEMENT 2

1	1	FCU-B-01	LOBBY 1	DUCTED	27684	18894	8799	75	62.5	55.0	54.3	72	111.3	0.3		4.2	859	42	54	4.62	176	140	0.49	0.692	230/150
2	1	FCU-B-02	LOBBY 2	DUCTED	5972	4269	3055	75	62.5	55.0	54.3	72	113.1	0.2		1.5	194	42	54	1.00	176	140	0.17	0.1	230/150
3	1	FCU-B-03	LOBBY 3	DUCTED	11089	7970	5728	75	62.5	55.0	54.3	72	116.2	0.2		6.8	362	42	54	1.85	176	140	0.32	0.175	230/150
4	1	FCU-B-04	OFFICE	DUCTED	5938	5506	3299	75	62.5	55.0	54.3	72	115.4	0.2		2.1	251	42	54	1.00	176	140	0.19	0.15	230/150
5	1	FCU-B-05	EIV ROOM	DUCTED	5844	5276		75	62.5	55.0	54.3	72		0.2		2	240	42	54	0.98	176	140		0.08	230/150
6	1	FCU-B-06	ELEC ROOM 1	DUCTED	3899	3332		75	62.5	55.0	54.3	72		0.2		0.6	152	42	54	0.65	176	140		0.07	230/150
7	1	FCU-B-07	ELEC ROOM 2	DUCTED	5242	4675		75	62.5	55.0	54.3	72		0.2		0.6	213	42	54	0.88	176	140		0.1	230/150

BASEMENT 3

1	1	FCU-B-01	LOBBY 1	DUCTED	27739	18940	17754	75	62.5	55.0	54.3	72	111.3	0.3		4.2	861	42	54	4.63	176	140	0.99	0.692	230/150
2	1	FCU-B-02	LOBBY 2	DUCTED	5931	4227	6164	75	62.5	55.0	54.3	72	113.1	0.2		1.5	192	42	54	0.99	176	140	0.35	0.1	230/150
3	1	FCU-B-03	LOBBY 3	DUCTED	11089	7970	11148	75	62.5	55.0	54.3	72	116.2	0.2		6.8	362	42	54	1.85	176	140	0.62	0.175	230/150
4	1	FCU-B-04	OFFICE	DUCTED	5948	5516	6895	75	62.5	55.0	54.3	72	115.4	0.2		2.1	251	42	54	1.00	176	140	0.36	0.15	230/150
5	1	FCU-B-05	EIV ROOM	DUCTED	5676	5109		75	62.5	55.0	54.3	72		0.2		2	232	42	54	0.95	176	140		0.08	230/150
6	1	FCU-B-06	ELEC ROOM 1	DUCTED	3922	3355		75	62.5	55.0	54.3	72		0.2		0.6	153	42	54	0.66	176	140		0.07	230/150
7	1	FCU-B-07	ELEC ROOM 2	DUCTED	5242	4675		75	62.5	55.0	54.3	72		0.2		0.6	213	42	54	0.88	176	140		0.1	230/150

BASEMENT SPILT UNIT

S. No.	IDU LOCATION	AREA SERVED	TYPE	QTY.	CAPACITY (BTU/HR)		ESP (in.wg)	SUPPLY AIR cfm	ELECTRICAL CHARACTERISTICS FOR INDOOR UNIT				PIPE SIZES OD (in)			ODU TAG	ELECTRICAL CHARACTERISTICS FOR OUTDOOR UNIT				REMARKS	
					S.C	T.C			KW	V	Phase	Hz	DRAIN	LIQUID	SUCTION		KW	V	Phase	Hz		
1	SP-B-01	Basement 1	CBS Room	DUCTED	1	15002.0	15571.0	0.2	682	0.30	230	1	50	3/4	1/4	1/2	CU-B-01	1.76	230	1	50	STANDARD

NOTES:
1. ON COIL TEMPERATURE = 79F DB / 62.5F WB
2. OUTDOOR AMBIENT TEMPERATURE = 106F DB / 73F WB

BASEMENT FANS SCHEDULE

S.NO.	EQUIPMENT NO.	LOCATION	SERVICE	QTY	TYPE	AIR FLOW CFM	RPM	ESP Pa	MOTOR HP	ELECTRICAL CHARACTERISTICS	REMARKS
1	IFB-F-01	Basement 1	Parking Ventilation	132	Parking Jet Fans	12037 / 4972	1425	-	1.3		Dual Speed Fans
2	EF-B-01	Basement 1	Stove Exhaust	3	Inline Centrifugal Fan	201	1425	0.5	0.3		
3	PVF-F-01	Basement 1	Parking Ventilation	2	Inline Centrifugal Fan	20381	1425	-	10.0		
4	EF-B-02	Basement 2	Parking Exhaust Fan	6	Value Axial Fan	72314 / 42689	1425	-	40.0		Dual Speed Fans

NOTE:
1. THE REMOTE / START FACILITY SHALL BE PROVIDED FOR ALL FANS. START / STOP FACILITY LOCATION FINALIZED AS PER SITE CONDITIONS & CLIENT REQUIREMENTS.
2. CONTRACTOR TO CALCULATE ACTUAL EXTERNAL STATIC PRESSURE AS PER SITE CONDITIONS AND SUBMIT FOR ENGINEERS APPROVAL.
3. FANS MOTORS SHALL BE SUITABLE FOR HIGH TEMPERATURE APPLICATION.