

GIMS- LAB BUILDING - DX - HYGIENIC AIR HANDLING UNITS ( WITH VRF OUT DOOR UNITS)										
SR.NO	UNIT TAG	AREA SURVING	SUPPLY AIR CFM	ESP	ENTERING COIL TEMPERATURE DB/WB	LEAVING COIL TEMPERATURE DB/WB	CAPACITY (TR)	ELECTRIC DEHUMIDIFIER (KW)	STEAM HUMIDIFIER (KG/HR)	REMARKS
1	AHU-1 -A ( DUTY)	OT-01 ( 3rd Floor)	3375	4.0 INCH	74 F /59.7 F	50 F / 48 F	9	10	6	60 mm Thick panel ,G4 FILTER, F9 FILTER View window, Light with switch , S/S Drain pan , <b>ULTRA VOILET LAMP</b> , VFD, & PLUG FAN ETC + VRF OUT DOOR UNITS
	AHU-1-B ( STAND BY)	OT-01 ( 3rd Floor)	3375	4.0 INCH	74 F /59.7 F	50 F / 48 F	9	10	6	
2	AHU-2 -A ( DUTY)	OT-02 ( 3rd Floor)	3375	4.0 INCH	74 F /59.7 F	50 F / 48 F	9	10	6	
	AHU-2 -B ( STAND BY)	OT-02 ( 3rd Floor)	3375	4.0 INCH	74 F /59.7 F	50 F / 48 F	9	10	6	
3	AHU-3 -A ( DUTY)	OT-03 ( 3rd Floor)	3375	4.0 INCH	74 F /59.7 F	50 F / 48 F	9	10	6	
	AHU-3 -B ( STAND BY)	OT-03 ( 3rd Floor)	3375	4.0 INCH	74 F /59.7 F	50 F / 48 F	9	10	6	
4	AHU-4 -A ( DUTY)	OT-01 ( 2nd Floor)	3375	4.0 INCH	74 F /59.7 F	50 F / 48 F	9	10	6	
	AHU-4 -B ( STAND BY)	OT-01 ( 2nd Floor)	3375	4.0 INCH	74 F /59.7 F	50 F / 48 F	9	10	6	
5	AHU-1 (DUTY)	ICU (F.F)	4730	4.0 INCH	74.3/62.2	52.3/51.5	12	18	18	
6	AHU-2 (DUTY)	ICU (3rd Floor)	4730	4.0 INCH	74.3/62.2	52.3/51.5	12	18	18	
7	AHU-3 (DUTY)	ICU MALE (S.F)	5680	4.0 INCH	74.3/62.2	52.8/51.9	14	22	21	
8	AHU-4 (DUTY)	ICU FEMALE (S.F)	5680	4.0 INCH	74.3/62.2	52.8/51.9	14	22	21	
9	AHU-5 (DUTY)	Recovery ( 3rd Floor)	1870	3.0 INCH	74/62.1	51.9/50.8	5	8	7.5	

Note : All VRF Condensing Units should be Suitable to **Operate at 52 CDB Ambient** Temperature. The above mentioned **Capacity required at 50 CDB ambient** Temperature.