

SCHEDULE OF AIR HANDLING UNITS

SR. NO	CODE	LOCATION	AREA SERVED	QTY	COOLING CAPACITY	SUPPLY AIR	FRESH AIR	EDB	EWB	LDB	LWB	ESP	MAX PRESSURE DROP
				NO'S	TR	CFM	CFM	°F	°F	°F	°F	INCH	FT. WC.
1	AHU-1	ROOF TOP	Storage First & Second Line Drugs	6	34.97	19966	399	71.9	59.3	52.5	51.3	1.50	15
2	AHU-2	ROOF TOP	Laboratory Equipments & General Items	2	34.21	19535	390	71.9	59.3	52.5	51.3	1.50	15
3	AHU-3	ROOF TOP	Laboratory Supplies	2	22.39	12785	255	71.9	59.3	52.5	51.3	1.50	15
4	AHU-4	ROOF TOP	Storage Un-usable & Expired Items	1	12.85	7340	146	71.9	59.3	52.5	51.3	1.50	15
5	AHU-5	ROOF TOP	Storage Hazard Materials	1	19.72	11260	225	71.9	59.3	52.5	51.3	1.50	15

NOTES:

- 1- ALL THE AHUs SHALL HAVE FOLLOWING MINIMUM SECTIONS
 - i) FAN SECTION
 - ii) COIL SECTION INCLUDING COIL
 - iii) FILTERS SECTION INCLUDING 2 INCH THICK WASHABLE FILTER SECTION WITH MEDIA
- 2- ALL AHUs SHALL HAVE 2" THICKNESS OF AHU WALLS CONSTRUCTED WITH INJECTED POLYURETHANE
- 3- AHUs SHALL BE SELECTED THROUGH PROPER SELECTION SOFTWARE & CONDITIONS SHALL BE MET PROPERLY
- 4- ALL AHUs INTERNAL LINING AND CONDENSATE DRAIN PAN SHALL BE MADE OF STAINLESS STEEL.
- 5- ALL AHUs MUST BE EQUIPPED WITH UV LAMPS
- 6- ALL AHUs ARE DX-TYPE WITH MATCHING VRF CONDENSING UNITS

SCHEDULE OF VRF UNITS

SR. NO	CODE	LOCATION	AREA SERVED	QTY	COOLING CAPACITY	REFRIGERANT	SELECTION TEMPERATURE	MAX ALLOWED COMBINATION RATIO	POWER SUPPLY
				NO'S	TR	CFM	°F	%	(PHASE / V / HZ)
1	VRF-1	ROOF TOP	Storage First & Second Line Drugs	6	34.97	R-410 A	112	100	3 / 400 / 50
2	VRF-2	ROOF TOP	Laboratory Equipments & General Items	2	34.21	R-410 A	112	100	3 / 400 / 50
3	VRF-3	ROOF TOP	Laboratory Supplies	2	22.39	R-410 A	112	100	3 / 400 / 50
4	VRF-4	ROOF TOP	Storage Un-usable & Expired Items	1	12.85	R-410 A	112	100	3 / 400 / 50
5	VRF-5	ROOF TOP	Storage Hazard Materials	1	19.72	R-410 A	112	100	3 / 400 / 50

NOTES:

- 1- OUTDOOR UNITS MUST BE ABLE TO OPERATE UPTO 54 °C
- 2- COMPRESSOR MUST BE T3 TYPE
- 3- OUTDOOR MUST BE EQUIPPED WITH REFRIGERANT COOLED PCB
- 4- MATCHING KITS FOR AHUS SHALL BE OF SAME MANUFACTURER AS OF THE VRF OUTDOOR UNIT
- 5- EACH VRF MODULE SHOULD HAVE ATLEAST 2 COMPRESSORS

