Temple street AHU CSSD 1							
AHU Performance Technical Specification Site measurements need to be confirmed		Modular Unit, dimential limations	Air flow	pressure	Heating	Recovery	Cooling
			M3/S	Pa	KW	KW	KW
Supply AHU	Outdoor AHU,	max delivable block Dim 1200 X1200X 1000MM	0.8	350			
Intake louver Damper		Max Velocity 2.5 M/s		50			
Pre-Filters	Filter class: M5	Filter class: M5		60			
Supply fan	Plug fan cw var speed motor	Max SFP 2.0 kw/M3/S					
Pre Heater options	Electric coil	Variable output 12 KW Electric elements C/W controller 380 volt		20		12	
	Heat recovery	Run around Heat recovery coil 12 KW 20 %Glycol					
Access	500 mm Access door Window & Light						
Heat pump DX +/- refrigerant coil	max ace velocity 1.8M/3	22 KW Dx cooling c/w SS drain tray transparant trap (GWP≤1000)		50			22
Access	500 mm acess door Window & Light						
LPHW Coil	LPHW Heating coil	10 deg C to 27 deg C		20	18		
Final-Filters		Filter class: F9		150			
AHU connection		Max Velocity 2.5 M/s		20			
				720			
Exhaust AHU	Outdoor AHU,	max delivable block Dim 1200 X1200X 1000MM	0.8	350			
intake		Max Velocity 2.5 M/s		20			
Pre filter		Filter class: M5		50			
LPHW Recovery coil	Heat recovery	Run around Heat recovery coil 12 KW 20 %Glycol		20		12	
Extract fan	Plug fan cw var speed motor	Max SFP 2.0 kw/M3/S		440			