

Panel Mount AC					
S.N.	SPECIFICATION OF ITEMS IN COOLING UNIT	BHEL Requirement	TO BE CONFIRMED BY VENDOR	MAKE & MODEL	DEVIATION
1	Mounting	Side Mounting			
2	Cooling Capacity	4000 watts or higher			
3	Ambient Temperature Range	15° C to 48° C			
4	Sealed Compressor	Standard make			
5	Refrigerant used R-134a	R-134a			
6	Air cooled condensor	Copper tube, Standard make			
7	Exhaust fan	Standard make			
8	Expansion Device Capillary	Standard make			
9	Digital Temperature Controller	Standard make			
10	Temperature Sensor	Standard make			
11	Operating Voltage – 3PH/50Hz.	380V - 480V			
12	Complete Electrical Panel with Switchgears, Standard make	Standard make			
13	Unit Size (widthXdepthXheight)	Not to exceed (500X550X1550)			
14	Structure Material	Sheet steel			
15	Finish	Powder-coat, RAL-7035			
16	IP Protection	IP 54 against the enclosure IP34 against the environment			
17	Duty Cycle	Continuous Duty			
18	Star Rating	Five			
19	Electrical circuit, control circuit and Mechanical drawing	Attached			