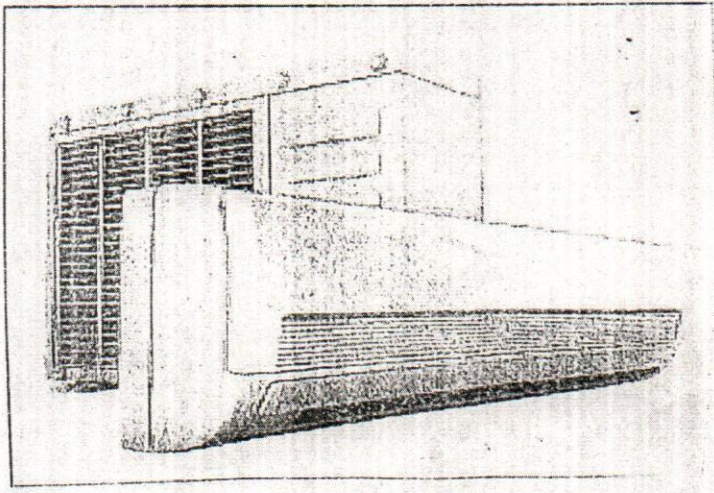


TECHNICAL SPECIFICATION OF COOLER AND DEHUMIDIFIER UNIT

Ser	Particulars	Description																																	
1.	Name of item	Environment cooling and thermal controller unit																																	
2.	Quantity	01 in no																																	
3.	Purpose	To control the temperature, humidity, air movement and air cleanliness simultaneously in the designated room.																																	
4.	Brand	To be Mentioned																																	
5.	Model	To be Mentioned																																	
6.	Technical Parameters	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>a.</td> <td>Capacity</td> <td>1.5 ton,(18000 BTU)</td> </tr> <tr> <td>b.</td> <td>Compressor Type</td> <td>Reciprocating Admiral</td> </tr> <tr> <td>c.</td> <td>Condenser Material</td> <td>Copper</td> </tr> <tr> <td>d.</td> <td>Voltage</td> <td>220-240 V AC</td> </tr> <tr> <td>e.</td> <td>Power Consumption (KW)</td> <td>1880 W</td> </tr> <tr> <td>f.</td> <td>EER (Cooling):</td> <td>2.81</td> </tr> <tr> <td>g.</td> <td>Running Current (A):</td> <td>12.8-13.4</td> </tr> <tr> <td>h.</td> <td>Moisture Removal (l/h)</td> <td>1.91</td> </tr> <tr> <td>j.</td> <td>Sound Pressure (Indoor/Outdoor)</td> <td>41dB(A)</td> </tr> <tr> <td>k.</td> <td>Indoor Airflow Rate (m3/h)</td> <td>940m3h</td> </tr> <tr> <td>L.</td> <td>Gas Type</td> <td>R- 22</td> </tr> </table>	a.	Capacity	1.5 ton,(18000 BTU)	b.	Compressor Type	Reciprocating Admiral	c.	Condenser Material	Copper	d.	Voltage	220-240 V AC	e.	Power Consumption (KW)	1880 W	f.	EER (Cooling):	2.81	g.	Running Current (A):	12.8-13.4	h.	Moisture Removal (l/h)	1.91	j.	Sound Pressure (Indoor/Outdoor)	41dB(A)	k.	Indoor Airflow Rate (m3/h)	940m3h	L.	Gas Type	R- 22
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L.	Gas Type	R- 22																																	
7.	Country of origin	To be Mentioned																																	
8.	Country of manufacture	To be Mentioned																																	
9.	Year of Manufacture	2022 or later																																	
10.	Source of supply	To be Mentioned																																	
11.	Supplier/ Local Agent	To be Mentioned																																	
12.	Certificate and document of Authentication	Yes																																	
13.	Packing/ Labeling	Yes																																	
14.	Warranty	02 Years																																	
15.	Installation	Yes																																	
16.	Test, Trial and Acceptance	To be accepted by BN																																	
17.	Accessories	a. Copper Pipe- 05 mtr b. Electric Cable- 10 mtr c. Water Discharge Line- 05 mtr d. M S Bracket- 01																																	
18.	Picture																																		


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 Control and Automation
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 10/09/2022