

Sr. No.	Description		Qty.	
1.	Air Cooled Chiller of Capacity 15 Ton (Compact Size)		01	
	Cooling Capacity	15 Ton		
	Working Fluid	DMW		
	DMW Set Point limits (Output):	min + 5 upto max + 25 °C		
	Voltage/Frequency/Phase	380V/50Hz/3Ph		
	Recommended Refrigerant	R-134a		
	DMW Temperature Accuracy	+/- 0.1 °C		
	Evaporation Data			
	Leaving temperature	9.0 °C		
	Entering temperature	11.0 °C		
	Flow rate	~ 6.5 kg/s		
	Fluid freezing point	0 °C		
	Condenser Data			
	Ambient temperature	+ 50 °C		
	Condenser temperature range	High ambient		
	General Information			
	Installation accessories	Yes, Required		
	Sound pressure level	≤ 100 dB(A)		
	Control label, literature	English		
	Warranty	Minimum 1 year		
Applicable codes/Standards	<ul style="list-style-type: none"> • Design & Manufacturing by ASHRAE Standards • Performance & Testing by AHRI Standards 550/590 or 551/591 			
Display	Main display panel mounted on unit -			
Control	<ul style="list-style-type: none"> • Provision for remote operation of chiller from control room • Remote Human Interface Panel 			
EER (Performance at 100% Load)	≥ 2.2			
Material of Construction				
All wetted parts	SS-304/ higher grades			
2.	Counter Flanges	Required to connect pipe size of ~ DN 50	01 Set	
3.	Terms/conditions and Documentation required			
<ul style="list-style-type: none"> i. Chiller Data Sheet & Calibration certificate ii. Certificate of Origin iii. 3.1 Material Certificate for wetted parts and main components iv. General arrangement (G.A) drawings v. 3rd party Inspection Certificate 	<ul style="list-style-type: none"> vi. Thermal Design & Electrical Instrumentation Drawings will be shared before the final manufacturing vii. Hydrostatic Pressure Test viii. Standard QA certificate should be provided ix. Instrumentation Details x. Chiller Operating and Maintenance Manual 			

4.	Inspection	Design, Manufacturing, Performance, Testing and Inspection certificates as per mentioned standards must be provided before the dispatch of consignment
5.	<p>Spares for 05 years [Price of each part is required]</p>	<ul style="list-style-type: none"> • Cartridge & Suction Filters (05 Nos.) • List of 05 years operational & consumable spares such as <ul style="list-style-type: none"> • Temperature sensors • Evaporator Flow Switch • High Pressure Switch • Compressor heater • Compressor thermal relay • Fan motor assembly • Phase Failure Protection • Auxiliary Relay • Oil Pressure Transducer • Serial Card for Modbus/ Profinet • Water Gauges • Rubber Anti-Vibration Mounts • Electronic Expansion Valve, etc.