

المواصفات الفنية

Technical specification of 1.5 ton split air conditioners

No.	Specification	Description	Units	Required
1	Type	Split air conditioner		Wall mounted (front flow)
2	Capacity	Cooling	BTU/Hr.	≥18000 BTU/hr
		Compressor	Type	Rotary/ scroll
3	Electricity rating	Power Supply	(Volt/Ph/Hz)	220±10%/1 PH/50Hz
		Power Input(Cooling/Heating)	Watts	< 1900
		Running Current	AMP	< 9
4	Performance	EER	(BTU/Hr./W)	> 9.5
		Air Circulation(Indoor/Outdoor)	CMH	> 800/2500
		Moisture Removal	Lt/hr	> 2.1
		Noise Level (Indoor/Outdoor)	Db	< (45/55)
5	Operation	Panel Display		LCD
		Remote Controller		LCD
6	Features	Temp. control		Thermostat (or equivalent)
		Auto Air Swing		✓
		Speed Setting	Cooling/Fan/ Auto	3/3
		Operation Control		Electronic
		Auto Restart		✓
		On Timer		✓
		Off Timer		✓
Dehumidification		✓		

7	Refrigerant type	R22		✓
8	Filters	Anti-Bacteria Filter		✓
10	Dimensions	Width x Height x Depth	Indoor (mm)	≤ 1150*350*250
			Outdoor (mm)	≤ 900*700*350
11	Net Weight	Indoor	Kg	
		Outdoor		
12	Electrical protection	Over/under voltage protection		Required.
		Short circuit protection		Required
		Over load protection		Required
	Mechanical protection	High pressure protection		Required.
		Low pressure protection		Required
		Thermal protection		Required
		Air filter		Required.
13	Manual	Description (operating)		Required
		Maintenance		Required.
14	Cooling coil	Inner Grooved copper anti-corrosive fins (or better)		Required.
15	Installation	Connection pipe length	meter	Five
16	Spare part List			Required.
17	Training	Number of engineers		Eight
		Period	Week	Two
		Field		Operation and maintenance
18	Warranty			Two year (Three years on compressor)

Note: Any provided offer without complete technical data for all unit components and parts will be ignored.