

# 50 Years of Sabro

Made In PAKISTAN Since 1969



## New Addition

0.75Ton For small room & small cabins 1.25Ton



## Also Available

1.00Ton



1.50Ton



2.0Ton/2.5Ton



# Specifications

Attributes		Model number					
		CDJ010A1 + ESJ010A1	CDJ012A1+ESJ012A1	CDJ015A1+ESJ015A1	CDJ018A1+ESJ018A1	CDJ024A1+ESJ024A1	CDJ031A1+ESJ031A1
Cooling capacity	BTU/hr	9,200	12,000	15,200	18,000	24,000	30,000
	KW	2.70	3.55	4.45	5.27	7.04	8.79
Heating capacity (Optional)	BTU/hr	9,500	12,700	15,600	18,400	24,700	30,500
	KW	2.78	3.72	4.56	5.39	7.23	8.94
Compressor type		Rotary					
Rated voltage/phase/frequency		220-240V/ 1P/ 50HZ					
Power input (cooling)	Watt	850	1080	1440	1700	2140	2700
Power input (heating)	Watt	800	1060	1210	1500	2100	2670
Rated Current (cooling / heating)		4.2 A / 4.0 A	5.0 A / 4.8 A	6.8 A / 6.4 A	7.8 A / 7.5 A	10.5 A / 10.0 A	12.5 A / 12.0 A
Energy efficiency	EER / COP	10.8/3.2	11.1/3.25	10.6/3.1	10.6/3.1	10.6/3.1	10.7/3.13
Refrigerant		R-22(Pre-charged)					
Gas charged		0.90 KG	1.10 KG	1.20 KG	1.50 KG	2.00 KG	2.50 KG
Connection sizes	Suction line	3/8" flare	1/2" flare	1/2" flare	1/2" flare	5/8" flare	3/4" flare
	Liquid line	1/4" flare	1/4" flare	1/4" flare	1/4" flare	1/4" flare	3/8" flare
<b>INDOOR UNIT</b>							
<b>Model number</b>		<b>ESJ010A1(RC)</b>	<b>ESJ012A1(RC)</b>	<b>ESJ015A1(RC)</b>	<b>ESJ018A1(RC)</b>	<b>ESJ024A1(RC)</b>	<b>ESJ031A1(RC)</b>
Air flow rate ( High )	CFM (lit/sec)	240 (113)	310 (146)	350 (159)	460 (217)	570 (259)	710 (325)
Air swing		Provided					
Sound pressure level	(dBA) high	30	32	35	35	42	42
Motor power	Watts	13	15	20	35	50	60
Net Dimension (MM)	Width-Depth-Height	790-190-285	790-200-285	740-205-250	980-200-330	1072-220-330	1072-220-330
Casing material		ABS	ABS	ABS	ABS	ABS	ABS
Weight	KG	8.0	9.5	11	17	20	20
<b>OUT DOOR UNIT</b>							
<b>Model number(RC-reverse cycle-optional)</b>		<b>CDJ010A1(RC)</b>	<b>CDJ012A1(RC)</b>	<b>CDJ015A1(RC)</b>	<b>CDJ018A1(RC)</b>	<b>CDJ024A1(RC)</b>	<b>CDJ031A1(RC)</b>
Maximum operating temperature (cooling)		48°C (118°F)					
Minimum operating temperature (heating)		-10°C (14°F)					
Motor power	Watts	32	35	35	90	110	250
Net dimensions (MM)	Width-Depth-Height	800-252-535	800-252-535	800-252-535	840-305-628	840-305-628	836-356-840
Casing material		Galvanized steel sheet painted with baked powder					
Net weight	KG	20.5	33.5	36	48	53	70

Rated cooling and heating capacities are at ARI test conditions,  
(RC) for cooling/heating unit.  
Due to continuous improvement in product specifications may change.

## Cooling Capacity(BTU/hr) vs Area(ft<sup>2</sup>)

Unit Cooling Capacity	Room exposed to sun	Roof and 3 walls not exposed to sun,
CDJ 10( 9000 BTU/hr)	75ft <sup>2</sup> -----85ft <sup>2</sup>	100ft <sup>2</sup> -----110ft <sup>2</sup>
CDJ12 (12000 BTU/hr)	100ft <sup>2</sup> ----- 115ft <sup>2</sup>	125ft <sup>2</sup> -----140ft <sup>2</sup>
CDJ15 (15000 BTU/hr)	125ft <sup>2</sup> ----- 140ft <sup>2</sup>	150ft <sup>2</sup> ----- 175ft <sup>2</sup>
CDJ18 (18000 BTU/hr)	150ft <sup>2</sup> ----- 170ft <sup>2</sup>	200ft <sup>2</sup> ----- 220ft <sup>2</sup>
CDJ24 (24000 BTU/hr)	200ft <sup>2</sup> -----230ft <sup>2</sup>	250ft <sup>2</sup> -----280ft <sup>2</sup>

Based on 9 inch brick wall, with both sides plastered  
Room Height: 10.5 feet,

For Sales, Installation and After Sales Services:

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