



The new degree of comfort.®

KINGDOM OF SAUDI ARABIA

INNOVATION

FOR YOUR COMFORT



Capacity Range: 1.5 Ton to 5.5 Ton



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FEATURE & BENEFIT

INDOOR UNIT

HIGH EFFICIENCY UNITS

The system has an **Energy efficiency ratio of upto 13**, which means it is very efficient, **provides power savings and lowers energy bills.**



LOW HEIGHT UNITS FOR INSTALLATION FLEXIBILITY

The installation-friendly low height design **ensures installation even in tight spaces.**



OPERATING UP TO 52 °C AMBIENT

Designed specifically for KSA market, the system provides **uninterrupted cooling even during extreme weather conditions.**



PAINTED INDOOR UNIT FOR LONGER LIFE

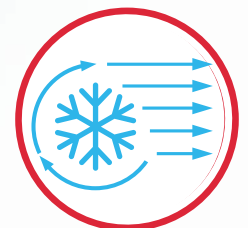
Enjoy **complete peace of mind.** The indoor unit is coated with thick powder coat paint, which **enhances system life.**



MULTIPLE AIRFLOW OPTIONS

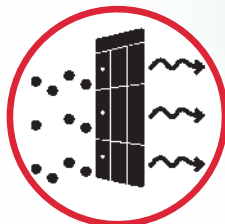
Multiple fan speeds (high, medium, low or auto) offer **convenient airflow distribution** options. In Auto mode, the speed will be adjusted automatically according to the difference between the room temperature and set temperature.

- If the difference is 3°C or more, the speed is high.
- If the difference is 2°C, the speed is medium.
- If the difference is 1°C or less, the speed is low.



ALUMINUM MESH FILTER

Aluminum mesh filter lasts longer compared to the conventional plastic mesh filters.



EASY MAINTENANCE

Easy maintenance features ensures quick fixing of issues and **reducing the overall maintenance cost.**



1000 HRS. SALT SPRAY TESTED SHEET METAL

We provide solutions that last. The unit's cabinet is made with galvanized steel sheet and **tested for corrosion resistance** of 1000 hours salt spray test as per ASTM-B117 standard



OUTDOOR UNIT

NORTH AMERICAN SCROLL COMPRESSOR

Reason to trust: **A premium quality Compressor** ensures that the heart of the **Air Conditioning Unit is healthy for longer life.**



SERVICE TRAYS AND EASY HANDLING

Dedicated service tray to keep screws and fasteners during service.

Easy to Lift: Increased ease of Handling.



METALLIC LOUVER JACKET, METAL FAN AND FAN GUARD

Sturdy Metallic Jacket ensures Coil protection from Sand & Debris. Metal Fan and Fan Guard: Durable parts for longer life resulting in saving on parts replacement.



HIGH & LOW PRESSURE PROTECTIONS

Additional protection for Compressor in high-ambient temperatures results in reduced down-time and saving on compressor replacement.



FILTER DRIER

Protects the Compressor and expansion device from unwanted particles and also **keeps the system clean.**



35% LESS SCREWS

Now servicing can finish faster with lesser screws to be removed.



VERTICAL AIR-DISCHARGE

Increased Space Saving during installation as more units can be placed compared to horizontal air-discharge units. With Vertical Air-Discharge orientation there is lesser resistance from natural desert winds resulting in **reduced motor & fan load**



LONG PIPING CAPABILITY

Total Piping up to 45m allows unit installation on the rooftop, which means:

1. **Privacy during service** of condenser.
2. **Space saving** during installation.
3. **Installation free** balcony.



TECHNICAL SPECIFICATION

Model Number			SPRL018JB+EA1418AJ1NB030	SPRL024JB+EA1424BJ1NB030	SPRL030JB+EA1430AJ1NB030	SPRL036JB+EA1436AJ1NB030		
Indoor model			SPRL018JB	SPRL024JB	SPRL030JB	SPRL036JB		
Outdoor model			EA1418AJ1NB030	EA1424BJ1NB030	EA1430AJ1NB030	EA1436AJ1NB030		
Power supply			(V-ph-Hz) 208-230/1Ph/60Hz	208-230/1Ph/60Hz	208-230/1Ph/60Hz	208-230/1Ph/60Hz		
Cooling (T1)	Capacity	Btu/h	16600	22700	31000	35600		
	Input	W	1380	1890	2450	2730		
	Current	A	6.69	8.86	11.68	13.04		
	EER	btu/h/w	12.05	12	12.65	13.05		
Cooling (T3)	Capacity	Btu/h	14800	20200	28000	32000		
	Input	W	1775	2400	3050	3400		
	Current	A	8	11.3	13.2	15.8		
	EER	btu/h/w	8.35	8.40	9.20	9.40		
Indoor air flow Rated(Hi/Med/Lo)(CFM)			H	760	1390	1460		
			M	595	785	1137	1248	
			L	495	700	951	1003	
External Static Pressure			Range (Pa) 25-100	25-100	25-125	25-125		
Indoor noise level [dB(A)]			H	48.5	50.6	57.2	54.7	
			M	44.3	49.7	55.6	52.2	
			L	40.1	47.6	53.2	48.8	
Indoor unit	Dimension (WxHxD) (mm)		W	1152.00	1152.00	1441.00	1633.00	
			H	350	350	400	368	
			D	615	615	615	850	
	Net/Gross weight (kg)		Net	37	40	50	76	
			Gross	39	43	54	82	
Compressor			Scroll	Scroll	Scroll	Scroll		
Outdoor noise level (sound pressure)[dB(A)]			76.0	75.4	74.0	76.0		
Outdoor unit	Dimension (WxHxD) (mm)		W	755	755	755	857	
			H	635	635	685	685	
			D	755	755	755	857	
	Packing(WxHxD) (mm)		W	822	822	822	924	
			H	679	679	730	730	
			D	822	822	822	924	
	Net/Gross weight (kg)		Net	55.33	63.95	68.49	77.56	
Gross			64.86	67.13	71.66	80.73		
Refrigerant piping			Liquid side/ Gas side	mm(inch) (3/8)/(3/4)	(3/8)/(3/4)	(3/8)/(3/4)	(3/8)/(3/4)	
			Max. pipe length	(m)	45	45	45	45
			Max. difference in level	(m)	33.5	33.5	33.5	33.5
Ambient temperature Range			(!) 35 - 52.22	35 - 52.22	35 - 52.22	35 - 52.22		

Model Number			SPRL042JB+EA1442BJ1NB030	SPRL048JB+EA1448AJ1NB030	SPRL060JB+EA1460AJ1NB030		
Indoor model			SPRL042JB	SPRL048JB	SPRL060JB		
Outdoor model			EA1442BJ1NB030	EA1448AJ1NB030	EA1460AJ1NB030		
Power supply			(V-ph-Hz) 208-230/1Ph/60Hz	208-230/1Ph/60Hz	208-230/1Ph/60Hz		
Cooling (T1)	Capacity	Btu/h	42200	45400	57000		
	Input	W	3515	3780	4750		
	Current	A	17.10	18.00	20.50		
	EER	btu/h/w	12.00	12.00	12.00		
Cooling (T3)	Capacity	Btu/h	38400	42000	51000		
	Input	W	4500	4750	6000		
	Current	A	21.00	21.90	25.10		
	EER	btu/h/w	8.55	8.85	8.5		
Indoor air flow Rated(Hi/Med/Lo)(CFM)			H	1880	2042	2210	
			M	1770	1763	1993	
			L	1487	1524	1829	
External Static Pressure			Range (Pa) 25-150	25-150	25-150		
Indoor noise level [dB(A)]			H	56.4	57.6	58	
			M	55.4	56.6	57.6	
			L	54.7	55.9	56.5	
Indoor unit	Dimension (WxHxD) (mm)		W	1633	1633	1633	
			H	368	437	437	
			D	850	850	850	
	Net/Gross weight (kg)		Net	78	83	90	
			Gross	84.00	90	97	
Compressor			Scroll	Scroll	Scroll		
Outdoor noise level (sound pressure)[dB(A)]			75.8	75.8	75.7		
Outdoor unit	Dimension (WxHxD) (mm)		W	857	908	908	
			H	787	787	889	
			D	857	908	908	
	Packing(WxHxD) (mm)		W	924	975	975	
			H	832	832	1340	
			D	924	975	975	
	Net/Gross weight (kg)		Net	90.71	100.24	115.66	
Gross			93.89	103.41	119.29		
Refrigerant piping			Liquid side/ Gas side	mm(inch) (3/8)/(7/8)	(3/8)/(7/8)	(3/8)/(7/8)	
			Max. pipe length	(m)	45	45	45
			Max. difference in level	(m)	33.5	33.5	33.5
Ambient temperature Range			(!) 35 - 52.22	35 - 52.22	35 - 52.22		



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