



TOTALLY RELIABLE

TOTAL HOME COMFORT



Capacity Range:
1.5 Ton to 5.5 Ton



VPRL+VA14 Ducted Series (60Hz)



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Ruud Middle East and Africa

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FEATURE & BENEFIT

INDOOR UNIT

HIGH EFFICIENCY UNITS

The system has an **Energy efficiency ratio of 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 systems provide **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.**



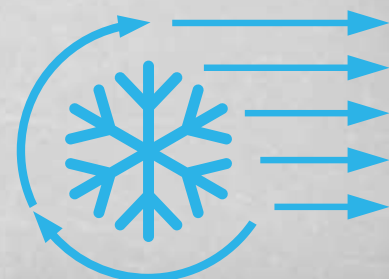
MULTIPLE AIRFLOW OPTIONS

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.



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.



Resistance from Natural Winds



No Resistance from Natural Winds

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 standardA



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.**



Capacity Range:
1.5 Ton to 5.5 Ton



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.a



TECHNICAL SPECIFICATIONS

Model Number			VPRL018JB-A2VA1418AJ1NB030	VPRL024JB-A1424BJ1NB030	VPRL030JB-A1430AJ1NB030	VPRL036JB-A1436AJ1NB030
Indoor model			VPRL018JB	VPRL024JB	VPRL030JB	VPRL036JB
Outdoor model			VA1418AJ1NB030	VA1424BJ1NB030	VA1430AJ1NB030	VA1436AJ1NB030
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
			L	495	700	951
External Static Pressure			Range	(Pa)	25-100	25-125
Indoor noise level [dB(A)]			H	48.5	50.6	57.2
			M	44.3	49.7	55.6
			L	40.1	47.6	53.2
Indoor unit	Dimension (WxHxD) (mm)		W	1152.00	1152.00	1441.00
			H	350	350	400
			D	615	615	615
	Net/Gross weight (kg)		Net	37	40	50
		Gross	39	43	54	
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
			H	635	635	685
			D	755	755	857
	Packing(WxHxD) (mm)		W	822	822	822
			H	679	679	730
			D	822	822	924
	Net/Gross weight (kg)		Net	55.33	63.95	68.49
			Gross	64.86	67.13	71.66
Refrigerant piping			Liquid side/ Gas side	mm(inch)	(3/8)/(3/4)	(3/8)/(3/4)
			Max. pipe length	(m)	45	45
			Max. difference in level	(m)	33.5	33.5
Ambient temperature Range			(F)	35 - 52.22	35 - 52.22	35 - 52.22

Model Number			VPRL042JB-A1442BJ1NB030	VPRL048JB-A1448AJ1NB030	VPRL060JB-A1460AJ1NB030
Indoor model			VPRL042JB	VPRL048JB	VPRL060JB
Outdoor model			VA1442BJ1NB030	VA1448AJ1NB030	VA1460AJ1NB030
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
			M	1770	1763
			L	1487	1524
External Static Pressure			Range	(Pa)	25-150
Indoor noise level [dB(A)]			H	56.4	57.6
			M	55.4	56.6
			L	54.7	55.9
Indoor unit	Dimension (WxHxD) (mm)		W	1633	1633
			H	368	437
			D	850	850
	Net/Gross weight (kg)		Net	78	83
		Gross	84.00	90	
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
			H	787	787
			D	857	908
	Packing(WxHxD) (mm)		W	924	975
			H	832	832
			D	924	975
	Net/Gross weight (kg)		Net	90.71	100.24
			Gross	93.89	103.41
Refrigerant piping			Liquid side/ Gas side	mm(inch)	(3/8)/(7/8)
			Max. pipe length	(m)	45
			Max. difference in level	(m)	33.5
Ambient temperature Range			(F)	35 - 52.22	35 - 52.22



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