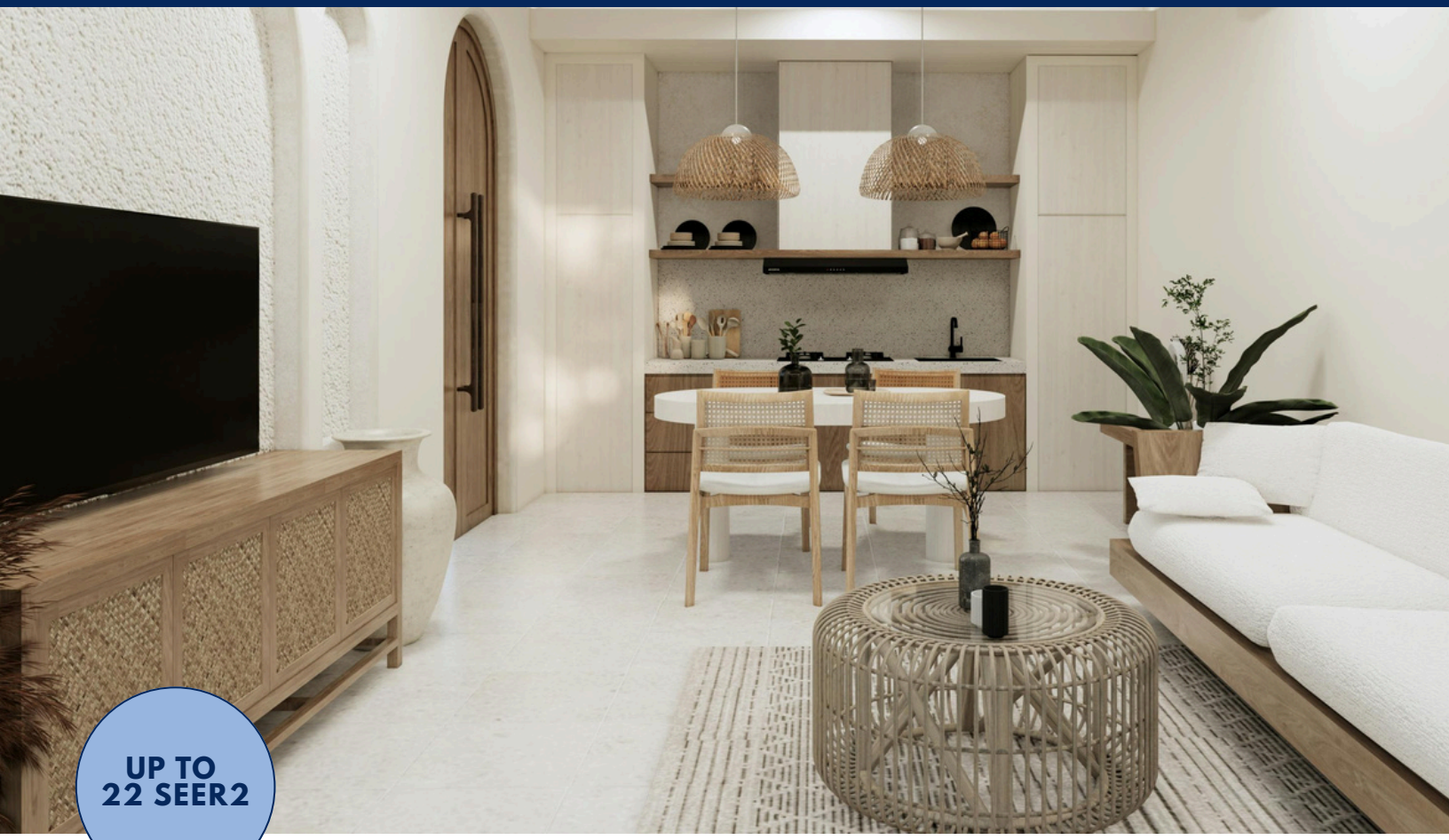
Carrier

XPOWER PRO INVERTER

42MVHGC - 36MVHGC



UP TO 22 SEER2

AHRI CERTIFIED

RTCA CERTIFICATION

R32

Carrier Wi-Fi® Ready

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Product Specifications

Capacity			12K	18K	24K
Indoor			42MVHGC12XS3MA	42MVHGC18XS3MA	42MVHGC24XS3MA
Outdoor			36MVHGC12AS3M	36MVHGC18AS3M	36MVHGC24AS3M
AHRI Reference number			217966399	217966400	217966401
Power supply		V-Ph-Hz	220-230V~60Hz, 1Ph		
Cooling (AHRI conditions)	Capacity	W	3517	5275	7034
		Btu/h	12000	18000	24000
	Capacity Range	Btu/h	3400~13606	3150~19000	4800~24000
	Input	W	1005	1758	2069
	Input Range		240~1337.5	150~1800	320~2300
	Current	A	7.5	8.5	9.2
	Current Range		1.8~10.2	0.7~8.5	1.42~10.2
	SEER2	Btu/h	21.0	22.0	21.0
	EER2	Btu/h	11.5	10.0	11.0
Rated Power Input		W	2000	2500	2850
Rated Current		A	13	13.5	13
Compressor	Model		KSK103D32UEZ31	KSK103D32UEZ31	KSN140D33UFZB3
	Type		ROTARY	ROTARY	ROTARY
	Brand		GMCC	GMCC	GMCC
	Capacity	W	2020/3245 ±3%	2020/3245 ±3%	2690/4350
	Input	W	332/850 ±3%	332/850 ±3%	434/1127
	Rated current(RLA)	A	2.42/5.70 ±3%	2.42/5.70 ±3%	3.18/6.9
	Refrigerant oil/oil charge	ml	ESTER OIL VG74 280 ±10	ESTER OIL VG74 280 ±10	ESTER OIL VG74 420±10ml
Indoor fan motor	Model		ZKFP-30-8-357L	ZKFP-35-10-188L	ZKFP-58-8-26L
	Speed(Hi/Mi/Lo)	r/min	1000/980/920	1150/850/750	1050/890/650
Indoor coil	Number of rows		2		
	Fin spacing	mm	1.3		
	Fin type		Hydrophilic aluminum		
	Tube outside dia.and type	mm	Φ5,Inner groove tube		
	Number of circuits		3	4	6
Indoor air flow (Hi/Mi/Lo)		m3/h	517/407/358	850/650/550	1150/930/850
Indoor sound level (Hi/Mi/Lo)		dB(A)	39.5/34.3/32	43.5/37.5/33	45.5/42/40
Indoor unit	Dimension(W*D*H)	mm	723x199x286	975x218x308	1055x231x330
	Packing (W*D*H)	mm	780x270x365	1035x295x385	1130x405x310
	Net/Gross weight	kg	7.5/10.8	10.1/14.2	12.35/16.85
Outdoor fan motor	Model		ZKFN-25-10-5L	ZKFN-25-10-5L	ZKFN-34-10-1L-1
	Speed	r/min	800/650	810/450	1050/600
Outdoor coil	Number of rows		1	1.6	2
	Fin spacing	mm	1.2		
	Fin type		Unhydrophilic aluminium		
	Tube outside dia.and type	mm	Φ5,Inner groove tube		
	Number of circuits		2	4	4
Outdoor air flow		m3/h	1800	2100	2300
Outdoor sound level		dB(A)	53.4	57	60
Outdoor unit	Dimension(W*D*H)	mm	720x270x495	765x303x555	805x330x554
	Packing (W*D*H)	mm	828x330x540	885x375x615	940x410x620
	Net/Gross weight	kg	19.3/22.2	22.2/25.6	27.89/31.9
Refrigerant type		kg	R32/0.38	R32/0.62	R32/0.85
Design pressure		MPa	4.3/1.7		
Refrigerant piping	Liquid side/ Gas side	mm(inch)	6.35mm / 9.52mm	6.35mm / 12.7mm	9.52mm / 15.9mm
		inch	1/4in / 3/8in	1/4in / 1/2in	3/8in / 5/8in
	Max. refrigerant pipe length	m	25	30	30
	Max. difference in level	m	10	20	20
Connection wiring			1.5x4		
Control type			Remote Control		
Operating temperature range		℃	16~30		
Room temperature	Indoor(cooling/ heating)	℃	16～32//	16～32//	16～32//
	Outdoor(cooling/heating)	℃	0～50//	0～50//	0～50//