



RUBY 23 SERIES

Passion. Courage. Prosperity.

As the ruby is the stone of nobility, its vibrancy is unsurpassed...



Pan Heater



Wifi Included



Dehumidifying



Intelligent Defrosting



Comfortable Sleep Mode



LED Display



Self-Diagnosis



Multiple Fan Speeds



Heated Belt Around Compressor



Optional Wired Controller



Intelligent Pre-Heating



Memory Function



Fan Delay Function



Control Lock

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RUBY 23 SERIES



MODEL		TW09HQ2A1D	TW12HQ2A1D	TW18HQ2A1D	TW24HQ2A1D	TW30HQ2A3D	TW36HQ2A3D	
Function		Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating	
Power Supply		Ph / V / Hz	1/208-230/60	1/208-230/60	1/208-230/60	1/208-230/60	1/208-230/60	
Rated Current	Cooling	A	5.8	6	10.4	14.5	17	
	Heating	A	6	6.3	12.6	14.5	17.5	
SYSTEM PERFORMANCE								
Dehumidification		pt/h	1.69	2.96	3.8	4.23	6.34	
Capacity	Cooling	BTU/h	9000 (3100-9600)	12000 (3100-13000)	18000 (6800-20000)	22,000 (6820-27000)	28000 (9490-30030)	33600 (7400-36000)
	Heating	BTU/h	11000 (1911-12000)	13000 (2400-14000)	19800 (7340-23500)	23000 (6820-30710)	28400 (10000-32990)	34600 (14980-36000)
SEER/ER			23/14.29	22/12.50	20/12.50	20/12.50	18/10.40	
HSPF/COP			10.5/3.16	11.0/3.46	10.0/3.35	10.0/3.37	9.0/3.0	
AHRI Rating			10101955	10101956	10101957	10102139	10102140	
INDOOR UNIT		TW09HQ2A1DI	TW12HQ2A1DI	TW18HQ2A1DI	TW24HQ2A1DI	TW30HQ2A3DI	TW36HQ2A3DI	
Airflow Volume		CFM	171-377	171-400	335-559	530-706	412-706	
Sound Pressure Level		dB(A)	29-43	29-45	39-47	36-48	37-51	
Unit Dimensions	WxHxD	mm	845x289x209	845X289X209	970X300X224	1078X325X246	1350X326X253	
		inch	33.4x11.4x8.2	33.4x11.4x8.2	38.2x11.8x8.8	42.4x12.8x9.7	53.1x12.8x10	53.1x12.8x10
Net Weight/ Gross Weight		kg	10/12	10/12	12.5/15.5	15.5/19	19/23.5	
		lb	22.1/26.5	22.1/26.5	27.6/34.2	34.2/41.9	41.9/51.8	
OUTDOOR UNIT		TW09HQ3D6DO	TW12HQ3D6DO	TW18HQ3D6DO	TW24HQ3D6DO	TW24HQ3D6DO	TW24HQ3D6DO	
Compressor Type		SWING	SWING	ROTARY	ROTARY	ROTARY	ROTARY	
Sound Pressure Level		dB(A)	53	54	55	59	62	
Unit Dimensions	WxHxD	mm		848X592X320	955X700X396	980x790x427	980X790X427	
		inch	33.4x21.3x12.6	33.4x23.6x12.6	37.6x27.6x15.6	38.6x31.1x16.8	38.6x31.1x16.8	38.6x31.1x16.8
Net Weight/ Gross Weight		kg	78/84	86/93	105/115	142/153	154/165	
		lb	78/84	86/93	105/115	142/153	154/165	
Refrigerant/Charge		oz.	R410a/45.9	R410a/47.6	R410a/56.4	R410a/77.6	R410a/84.6	
Line Set Size (Liquid x Gas)		in	1/4" x 3/8"	1/4" x 1/2"	1/4" x 5/8"	1/4" x 5/8"	1/4" x 5/8"	
Max. Pipe Length		ft.	49.2	65.6	82	82	98.4	
Max. Elevation		ft.	32.8	32.8	32.8	32.8	32.8	
MCA		A	9	9	16	20	24	
MOCP		A	15	15	25	30	40	
Wire Size/# Wires		14 AWG*4 Stranded, Unshielded						

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