



Standard (R-410A) Technical Specifications

Model No.			TAC-09CSA/Z	TAC-12CSA/Z	TAC-18CSA/Z	TAC-24CSA/Z
Type			Cooling only	Cooling only	Cooling only	Cooling only
Control Type						
Rated Cooling Capacity		Btu/h;W	9000; 2640	12000; 3520	18000; 5280	24000; 7030
EER for cooling		btu/h.w; W/W	9.28; 2.72	9.38; 2.75	8.37; 2.46	8.28; 2.42
Moisture Removal		Litres/h	1.0	1.5	2.0	2.4
Pressure	High (DP)	MPa	4.5	4.5	4.5	4.5
	Low (SP)	MPa	1.9	1.9	1.9	1.9
Indoor noise level at cooling	High	dB(A)	36	39	48	48
	Med.	dB(A)	34	36	46	46
	Low	dB(A)	32	34	44	44
Outdoor noise level		dB(A)	52	55	58	60
Electrical Data						
Power Supply						
Voltage Range		V	198-264	198-264	198-264	198-264
Rated Frequency			50Hz	50Hz	50Hz	50Hz
Rated current	Cooling	A	4.4	5.8	9.8	13.2
Rated Input	Cooling	W	970	1280	2150	2900
Annual energy consumption		kwh (cooling)	485	640	1075	1450
Max Current	Cooling	A	5.7	7.5	12.7	17.2
Max power input	Cooling	W	1260	1660	2800	3770
Refrigerating System						
Refrigerant/Charge		Gram	R410A/450g	R410A/650g; 630g	R410A/1050g	R410A/1380g
Compressor	Type		Rotary	Rotary	Rotary	Rotary
	Model		44A233AJ-FEKC	4BA313PM-55KF; YZG-E35RY2	ASH201SV-C8LU	ASH264SV-C8LU
	MFG		RECHI	RECHI; QING'AN	HIGHLY	HIGHLY
Fan System						
Indoor air circulation (Cooling/Heating)		m ³ /h	430	530	760	760
Indoor fan type			Cross flow	Cross flow	Cross flow	Cross flow
Indoor fan speed H/M/L	Cooling	rpm	1270/1170/1000	1270/1170/1000	1300/1220/1150	1300/1220/1150
	Dry	rpm	1000	1000	1150	1150
	Sleep	rpm	1000	1000	1150	1150
Indoor fan motor output		W	12	12	23	23
Outdoor fan type			Propeller	Propeller	Propeller	Propeller
Outdoor fan speed		rpm	895	860	850	850
Outdoor fan motor output		W	25	31	45	95
Connections						
Connecting Pipe	Gas	Inches	3/8"	3/8"	1/2"	5/8"
	Liquid	Inches	1/4"	1/4"	1/4"	3/8"
Connecting Wiring		Size x Core number	1.0 x 3	1.0 x 3	1.5 x 3	0.75 x 4;0.75 x 2
Others						
Suitable area		m ²	9 - 16	15 - 23	20 - 35	30 - 50
Net Dimensions (W x H x D)	Indoor	mm	718 x 240 x 180	770 x 240 x 180	900 x 280 x 202	900 x 280 x 202
	Outdoor	mm	600 x 500 x 232	700 x 552 x 256	760 x 552 x 256	902 x 650 x 307
Net weight	Indoor	kg	7	8	11	11
	Outdoor	kg	24	29	35	51
Packing Dimensions (W x H x D)	Indoor	mm	805 x 305 x 255	855 x 305 x 255	995 x 365 x 298	995 x 365 x 298
	Outdoor	mm	745 x 550 x 353	803 x 598 x 380	863 x 598 x 376	1037 x 705 x 433
Gross weight	Indoor	kg	9	10	14	14
	Outdoor	kg	27	33	39	57