

Technical Specifications

Model No.			TAC-12CSA/H		TAC-18CSA/H	
Type			3.5KW		5.2KW	
Control type			remote control			
Rated cooling capacity		Btu/h;W	12000;3520		18000;5280	
Rated heating capacity		Btu/h;W	N.A		N.A	
EER for cooling		Btu/h.w; W/W	9.38; 2.75		8.37; 2.46	
COP for heating		W/W	N.A		N.A	
Moisture removal		Liters/h	1.5		2.0	
Pressure	High(DP)	MPa	4.5		4.5	
	Low(SP)	MPa	1.9		1.9	
Indoor noise level at cooling	High	dB(A)	39		48	
	Med.	dB(A)	36		46	
	Low	dB(A)	34		44	
Outdoor noise level		dB(A)	55		58	
Electrical Data						
Power supply			220-240V~/50Hz/1P			
Voltage Range		V	198~264		198~264	
Rated current	Cooling	A	5.8		9.8	
	Heating	A	N.A		N.A	
Rated input	Cooling	W	1280		2150	
	Heating	W	N.A		N.A	
Annual energy consumption		kWh (cooling)	640		1075	
Max Current	Cooling	A	7.5		12.7	
	Heating	A	N.A		N.A	
Max Power input	Cooling	W	1660		2800	
	Heating	W	N.A		N.A	
Refrigerating System						
Refrigerant/Charge		Gram	R410A/620g; 630g;		R410A/930g; 1050g	
Evaporator			Hydrophilic & Louver Fin; Innergroover tube type (φ7)			
Condenser			Louver or Corrugated Fin; Innergroover tube type (φ7 or φ9.52)			
Expansion device			Capillary tube			
Defrosting system			Microcomputer controlled reverse system			
Fan System						
Indoor air circulation(Cooling/Heating)		m³/h	530/530		760/780	
Indoor fan type			Cross flow		Cross flow	
Indoor fan speed H/M/L	Cooling	rpm	1270/1170/1000		1300/1220/1150	
	Heating	rpm	1250/1150/1000		1300/1220/1150	
	Dry	rpm	1000		1150	
	Sleep	rpm	1000		1150/1150	
Indoor fan motor output		W	12		23	
Outdoor fan type			Propeller		Propeller	
Outdoor fan speed		rpm	860		850	
Outdoor fan motor output		W	31		45	
Connections						
Connecting Pipe	Gas	Inches	3/8"		1/2"	
	Liquid	Inches	1/4"		1/4"	
Connecting Wiring	Size x Core number		1.0x3; 0.75x2		1.5x3; 0.75x2	
Drainage Pipe			O.D 16mm			
Others						
Suitable area		m²	15~23		20~35	
Net dimensions (W x H x D)	Indoor	mm	770x240x180		898x280x202	
	Outdoor	mm	700x552x256		760x552x256	
Net weight	Indoor	kg	8		11	
	Outdoor	kg	30		36	
Packing dimensions (W x H x D)	Indoor	mm	855×305×255		995x365x298	
	Outdoor	mm	803x598x380		863x598x376	
Gross weight	Indoor	kg	10		14	
	Outdoor	kg	34		40	
Loading Capacity	20'/40'/40'HC		102/230/268		95/198/220	