

## Technical Specifications (R407C)

<b>Model No.</b>		<b>TAC-12CHSC/</b>	
Type		Heating Pump	
Class in Cooling		D	
Class in Heating		D	
Control type		Remote	
Rated cooling capacity	Btu/h;W	12000;3500	
Rated heating capacity	Btu/h;W	12000;3500	
EER for cooling	Btu/h.w; W/W	8.95; 2.62	
COP for heating	W/W	2.81	
Moisture removal	Liters/h	1.2	
Pressure	High(DP)	MPa	2.8
	Low(SP)	MPa	1.2
Indoor noise level at cooling	High	dB(A)	38
	Med.	dB(A)	36
	Low	dB(A)	34
Outdoor noise level	dB(A)	55	
<b>Electrical Data</b>			
Power supply		220-	
Voltage Range		V	198~264
Rated current	Cooling	A	6.1
	Heating	A	5.7
Rated input	Cooling	W	1340
	Heating	W	1250
Annual energy consumption		kwh (cooling)	670
Max Current	Cooling	A	7.3
	Heating	A	6.9
Max Power input	Cooling	W	1610
	Heating	W	1500
<b>Refrigerating System</b>			
Refrigerant/Charge		Gram	R407C/620g
Compressor	Type		Rotary
	Model		YZG-39RY1; C323NL-55K; YZG-36RY1; F4D129JX1JL
	LRA	A	38
	MFG		QING'AN; RECHI; QING'AN; SAMSUNG;
Evaporator		Hydrophilic &	
Condenser		Fin; Innergroove r t	
Expansion device		Capillary tube	
Defrosting system		Microcomputer	
<b>Fan System</b>			
Indoor air		m <sup>3</sup> /h	550/550
Indoor fan type		Cross flow	
Indoor fan speed H/M/L	Cooling	rpm	1270/1170/1000
	Heating	rpm	1250/1150/1000
	Dry	rpm	1000
	Sleep	rpm	1000
Indoor fan motor output		W	12
Outdoor fan type		Propeller	
Outdoor fan speed		rpm	860
Outdoor fan motor output		W	31
<b>Connections</b>			
Connecting Pipe	Gas	Inches	1/2"
	Liquid	Inches	1/4"
Connecting Wiring		Size x Core number	1.5x3; 0.75x2
Drainage Pipe		O.D 16mm	
<b>Others</b>			
Suitable area		m <sup>2</sup>	15~23
Net dimensions (W x H x D)	Indoor	mm	770x240x180
	Outdoor	mm	700x552x256
Net weight	Indoor	kg	8
	Outdoor	kg	33
Packing dimensions (W x H x D)	Indoor	mm	863x325x270
	Outdoor	mm	803x598x380
Gross weight	Indoor	kg	11
	Outdoor	kg	37
Loading Capacity		20'/40'/40'HC	100/220/250