



DC Inverter (R410A) Technical Specifications

Model No.			TAC-12CHSA/BFI	TAC-18CHSA/BFI	TAC-24CHSA/BFI
Capacity			12000btu/h	18000btu/h	24000btu/h
Type			Cooling & Heating	Cooling & Heating	Cooling & Heating
Control Type			remote	remote	remote
Rated Cooling Capacity	Btu/h		12000(5200-13500)	18000(5500-20000)	24000(6800-25600)
	W		3520(1520-3960)	5280(1610-5860)	7030(1990-7500)
Rated Heating Capacity	Btu/h		13700(5500-16500)	20000(4500-24000)	24500(7200-29000)
	W		4010(1610-4840)	5860(1320-7030)	7180(2110-8500)
EER for cooling		btu/h.w; W/W	3.28	11.04; 3.24	10.95; 3.21
COP for heating		W/W	3.23	3.2	3.21
Indoor noise level at cooling	High	dB(A)	38	42	47
	Med.	dB(A)	36	40	45
	Low	dB(A)	34	38	42
Outdoor noise level		dB(A)	55	58	62
Electrical Data					
Voltage Range		V	155-265	155-265	155-265
Rated Frequency			50Hz	50Hz	50Hz
Rated current	Cooling	A	4.9 (1.8 - 6.1)	7.4 (2.4 - 10.2)	10.0 (2.8 - 10.6)
	Heating	A	5.6 (1.8 - 7.7)	8.3 (2.1 - 11.1)	10.2 (3.0 - 12.1)
Rated Input	Cooling	W	1070 (400 - 1350)	1630 (520 - 2250)	2190 (620 - 2340)
	Heating	W	1240 (400 - 1700)	1830 (470 - 2450)	2240 (660 - 2650)
Max Current		A	6.1/7.7	10.2/11.1	10.6/12.1
Max power input		W	1350/1700	2250/2450	2340/2650
Refrigerating System					
Refrigerant/Charge		Gram	R410A/880g	R410A/1500g	R410A/1800g
Compressor	Type		Rotary	Rotary	Rotary
	Model		DA108X1C-20FZ3	DA130S1C-20FZ	DA150S1C-20FZ
	MFG		Toshiba	Toshiba	Toshiba
Fan System					
Indoor air circulation (Cooling/Heating)		m ³ /h	480/510	750/850	1000/1100
Indoor fan type			Cross flow	Cross flow	Cross flow
Indoor fan speed H/M/L	Cooling	rpm	1250/1080/920	1300/1180/1050	1380/1320/1280
	Heating	rpm	1250/1050/870	1250/1120/950	1380/1320/1280
	Dry	rpm	870	1050	1280
	Sleep	rpm	870	1050	1280
Indoor fan motor output		W	12	23	35
Outdoor fan speed		rpm	860	700/900	860/730
Outdoor fan motor output		W	31	68	95
Connections					
Connecting Pipe	Gas	Inches	1/2"	1/2"	5/8"
	Liquid	Inches	1/4"	1/4"	3/8"
Connecting Wiring		Size x Core number	4 x 1.5	4 x 1.5	4 x 1.5
Others					
Net Dimensions (W x H x D)	Indoor	mm	770 x 240 x 180	900 x 280 x 202	1033 x 313 x 202
	Outdoor	mm	760 x 552 x 256	820 x 605 x 300	902 x 650 x 307
Net weight	Indoor	kg	8	11	14
	Outdoor	kg	32	40	49
Gross weight	Indoor	kg	10	14	17
	Outdoor	kg	36	44	54