

MODEL (HEAT PUMP)		CS4H-24T-1-18	CS4H-36-1-18	CS4H-48T-1-18	CS4H-60T-1-18	
Electrical Data	Voltage-Phase-Hz	V-Ph-Hz	208/230V-1Ph-60Hz			
	Minimum Circuit Ampacity	A	17.7	24.2	31.9	36.5
	Max. Overcurrent Protection	A	30	40	50	60
	Min / Max Volts	V	187 / 253	187 / 253	187 / 253	187 / 253
Cooling	Capacity	Btu/h	24000	34500	47000	56000
	Capacity range	Btu/h	16122 - 26204	16804 - 35901	22200 - 47810	22403 - 55820
	EER	Btu/h.W	11.6	11.6	11.6	10.8
	SEER	Btu/h.W	17.5	17.5	17.5	17.5
Heating	Capacity	Btu/h	24000	34500	46500	55000
	Capacity range	Btu/h	11860 - 25000	18020 - 36290	21710 - 47960	26000 - 57810
	HSPF	Btu/h.W	9.5	9.0	9.5	9.5
Compressor	Model		INVERTER			
	Brand		GMCC	GMCC	Mitsubishi	Mitsubishi
	Type		Twin-rotary DC	Twin-rotary DC	Twin-rotary DC	Twin-rotary DC
	Thermal protector	uf	Internal	Internal	Internal	Internal
	Capacity	W/h	7190±3%	7190±3%	13780±5%	13780±5%
	Input	W	1935±3%	1935±3%	4040±5%	4040±5%
	Rated current(RLA)	A	8.85	8.85	11.80	11.80
	Refrigerant oil	ml	670	670	1400	1400
	LRA		45	45	58.1	58.1
Outdoor motor	Type		AC	AC	DC	DC
	Rated HP	W	1/6	1/6	1/3	1/3
	Capacitor	μF	6	6	/	/

	Speed	rpm	870	870	1050	1050
	FLA	A	0.8	1	2.5	2.5
Outdoor Fan	Material		Metal			
	Type		Axial flow			
	Diameter	In.	23-5/8	23-5/8	23-5/8	23-5/8
	Height	In.	2-3/4	4-1/2	4-1/2	4-1/2
	Air flow	CFM	2400	2950	4100	4100
Outdoor coil	Number of row		1	2	2	2
	Tube outside dia	mm (in.)	7 (9/32)	7 (9/32)	7 (9/32)	7 (9/32)
Outdoor noise level		dB(A)	61	62	64	65
Outdoor unit	Dimension (WxHxD)	mm	740x633x740		740x835x740	
		inch	29-1/8x25x29-1/8		29-1/8x32-7/8x29-1/8	
	Packing (WxHxD)	mm	760x660x760		760x875x760	
		in.	30x26x30		30/16x34-4/9x3	
	Net / Gross weight	kg	64 / 68	64 / 68	80 / 85	80 / 85
		lbs	141 / 150	141 / 150	176 / 187	176 / 187
Refrigerant type			R410A	R410A	R410A	R410A
Refrigerant quantity		kg	3.35	3.35	4.85	4.85
Refrigerant system	Liquid side / Gas side	in.	3/8 / 3/4	3/8 / 3/4	3/8 / 7/8	3/8 / 7/8
	Factory charge R410A	oz	R410A/118.16	R410A/118.16	R410A/171.08	R410A/171.08
	Metering device		EEV	EEV	EEV	EEV
Operating temperatures	Cooling	°F	64-118	64-118	64-118	64-118
	Heating	°F	5-109	5-109	5-109	5-109
		°C	-15 to 42	-15 to 42	-15 to 42	-15 to 42

DATA SUBJECT TO CHANGE