

Model			CS4H-18S-1-14	CS4H-24S-1-14	CS4H-30S-1-14	CS4H-36S-1-14	CS4H-48S-1-14
Outdoor power supply			208/230-1-60				
Cooling	Capacity	Btu/h	17200	23000	28600	35000	47000
	Input	W	1450	1885	2345	2825	4090
	EER	Btu/h.W	11.9	12.2	12.2	12.4	11.5
	SEER ( AHRI Certified)	Btu/h.W	14.5	15	15	15	14
	Operation Range	°F	65-109	65-109	65-109	65-109	65-109
Heating	Capacity	Btu/h	17300	21500	26600	33500	48000
	HSPF ( AHRI Certified)	Btu/h.W	8.2	8.2	8.2	8.2	8.2
	Operation Range	°F	39-75	39-75	39-75	39-75	39-75
Minimum circuit ampacity	A	10	11.5	14	16	25.5	
Max fuse	A	15	15	20	25	40	
Compressor	Brand		HIGHLY	HIGHLY	HIGHLY	HIGHLY	LG
	Type		Rotary	Rotary	Rotary	Rotary	Scroll
	Capacity	W	4240	5700	7135	8260	12309
	Input	W	1390	1858	2310	2700	3962
	Rated current(RLA)	A	6.1	8.15	10.2	11.9	17.3
	Locked rotor Amp(LRA)	A	33	44	52	60	108
	Thermal protector	uf	40	40	55	70	70
	Refrigerant oil	ml	480	550	570	570	1280
Outdoor fan motor	Type		AC	AC	AC	DC	DC
	Input	W	152	197	197	115	294
	Output	W	75	105	105	90	220
	Capacitor	µF	3	5	5	/	/
	Speed	rpm	890	880	880	890	870
	Number of row		3	2	3	3	3
Outdoor coil	Fins per inch		17	16	17	17	16
	Fin material		Hydrophilic Aluminium Fin	Hydrophilic Aluminium Fin	Hydrophilic Aluminium Fin	Hydrophilic Aluminium Fin	Hydrophilic Aluminium Fin
	Tube outside diameter	mm	7	7	7	7	7
	Tube material		Inner Grooved	Inner Grooved	Inner Grooved	Inner Grooved	Inner Grooved
	Face Area	Sq. Ft.	5.4	8.1	8.1	8.1	9.8
	Number of circuit		6	5	6	6	11
	Outdoor noise level	dB(A)	55	59	59	59	64
Outdoor dimension	Unit (WxHxD)	mm	935x383x702	1032x445x810	1032x445x810	1032x445x810	1100x528x870
		in	36.8x15.08x27.64	40.63x17.52x31.89	40.63x17.52x31.89	40.63x17.52x31.89	43.31x20.79x34.25
	Packing (WxHxD)	mm	975x435x770	1075x495x875	1075x495x875	1075x495x875	1148x558x956
		in	38.39x17.13x30.32	42.32x19.49x35.45	42.32x19.49x35.45	42.32x19.49x35.45	45.2x21.97x37.64
	Net / Gross weight	kg	53/50	62/58	68/63	73/68	/
	lbs	116.8/110.2	136.7/127.9	149.9/138.9	160.9/149.9	/	
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A
	Charge	ozs	77.6	95.24	112.87	126.98	144.62
Refrigerant pipe	Liquid side	in	1/4	3/8	3/8	3/8	3/8
	Gas side	in	1/2	5/8	3/4	3/4	3/4
	Max. refrigerant pipe len	ft	82	82	82	82	98
	Max. difference in level	ft	33	33	33	33	49
Design pressure	MPa	2.8/1.0	2.8/1.0	2.8/1.0	2.8/1.0	2.8/1.0	
Max pressure	MPa	4.5	4.5	4.5	4.5	4.5	

---

DATA SUBJECT TO CHANGE