

HEAT PUMP									
Model		CS4H-18T-1-14	CS4H-24T-1-14	CS4H-30T-1-14	CS4H-36T-1-14	CS4H-42T-1-14	CS4H-48T-1-14	CS4H-60T-1-14	
Outdoor power supply		V/Ph/Hz	230V/1N/60HZ	230V/1N/60HZ	230V/1N/60HZ	230V/1N/60HZ	230V/1N/60HZ	230V/1N/60HZ	
Cooling	Capacity	Btu/h	17600	23600	28600	34000	40500	46000	56000
	Input	W	1500	2020	2450	2910	3480	3950	4900
	EER	Btu/h.W	11.70	12.20	11.70	11.70	11.70	11.20	11.20
	SEER (AHRI Certified)	Btu/h.W	13-14	13-14	13-14	13-14	13-14	13-14	13-14
heating	Capacity	Btu/h	17200.00	22200.00	28600.00	33500.00	40000.00	46000.00	55000.00
	HSPF (AHRI Certified)	Btu/h.W	8.20	8.20	8.30	8.30	8.30	8.30	8.30
Max. input consumption		W	1875.00	2525.00	3062.50	3637.50	4350.00	4937.50	6125.00
Max. current		A	8.58	11.56	14.02	16.65	19.91	22.60	28.03
Compressor	Brand		HITACHI	HITACHI	HITACHI	HITACHI	LG	LG	LG
	Type		ROTARY	ROTARY	ROTARY	ROTARY	SCROLL	SCROLL	SCROLL
	Capacity	W	4240	5970	7055	8260	10551	12309	14974
	Input	W	1390	1950	2290	2700	3429	3962	4722
	Rated current(RLA)	A	6.10	8.7	10.20	11.9	15.2	17.3	21.0
	Locked rotor Amp(LRA)	A	33	44	56	60	112	108	128
	Thermal protector	uf	40	40	55.00	70	45	70	70
	Refrigerant oil	ml	480	570	570	570	1280	1280	1280
Outdoor fan motor	Input	W	145	178	178	207	207	510	510
	Output	W	60	85	85	110	110	230	230
	Capacitor	µF	6.00	6.00	6.00	6.00	6.00	12.00	12.00
	Speed	rpm	870	970	970	850	850	1095	1095
	Number of row		1	2	2	2	2	2	2.7
Outdoor coil	Fin spacing	in	0.055	0.055	0.055	0.055	0.055	0.055	0.055
	Fin material		Hydrophilic Aluminium Fin	Hydrophilic Aluminium Fin	Hydrophilic Aluminium Fin	Hydrophilic Aluminium Fin	Hydrophilic Aluminium Fin	Hydrophilic Aluminium Fin	Hydrophilic Aluminium Fin
	Tube outside diameter	in	Φ 0.276	Φ 0.276	Φ 0.276	Φ 0.276	Φ 0.276	Φ 0.276	Φ 0.276
	Tube material		Inner Grooved	Inner Grooved	Inner Grooved	Inner Grooved	Inner Grooved	Inner Grooved	Inner Grooved
	Coil length x height x width	in	56.22x23.15x0.53	56.22x23.15x1.05	56.22x23.15x1.05	84.65x23.15x1.05	84.65x31.48x1.05	84.65x31.48x1.05	84.65x31.48x1.05
	Number of circuit		3	6	4	6	10	10	8
Outdoor air flow		CFM	1500	1700	1900	2800	4000	4000	4000
Outdoor noise level		dB(A)	60	60	61	61	63	63	63
Outdoor dimension	Unit (WxHxD)	in	21-7/8x24-15/16x21-7/8	21-7/8x24-15/16x21-7/8	21-7/8x24-15/16x21-7/8	29-1/8x24-15/16x29-1/8	29-1/8x33-3/16x29-1/8	29-1/8x33-3/16x29-1/8	29-1/8x33-3/16x29-1/8
		mm	554x633x554	554x633x554	554x633x554	740x633x740	740x843x740	740x843x740	740x843x740
	Packing (WxHxD)	in	22-9/10x26-1/4x22-9/10	22-9/10x26-1/4x22-9/10	22-9/10x26-1/4x22-9/10	30-1/5x26-1/4x30-1/5	30-1/5x34-1/2x30-1/5	30-1/5x34-1/2x30-1/5	30-1/5x34-1/2x30-1/5
		mm	582x667x582	582x667x582	582x667x582	768x667x768	768x877x768	768x877x768	768x877x768
	Net / Gross weight	kg	47/49	55/57	62/66	70/74	94/98	94/98	97/101
		lbs	104/108	121/126	137/146	156/163	207/216	207/216	214/223
Refrigerant		Type	R410A	R410A	R410A	R410A	R410A	R410A	
Refrigerant pipe	Liquid side	in	Φ3/8	Φ3/8	Φ3/8	Φ3/8	Φ3/8	Φ3/8	
	Gas side	in	Φ3/4	Φ3/4	Φ3/4	Φ3/4	Φ3/4	Φ7/8	
	Max. refrigerant pipe length	ft	65 39/64	65 39/64	65 39/64	65 39/64	65 39/64	65 39/64	
	Max. difference in level	ft	32 13/16	32 13/16	32 13/16	32 13/16	32 13/16	32 13/16	
Design pressure		MPa	4.0/1.2	4.0/1.2	4.0/1.2	4.0/1.2	4.0/1.2	4.0/1.2	
Max pressure		MPa	4.20	4.20	4.20	4.20	4.20	4.20	

DATA SUBJECT TO CHANGE