



NOTE: AHRI certification only for models 12k, 18K, and 24K

Outdoor Unit Model Number		CG43SX009PH3U1C	CG43SX012PH3U2C	CG43SX018PH3U2C	CG43SX018PH3U2C	CG43SX036PH3U2C	
Indoor Unit Model Number		CH43SX009-H3U1C	CH43SX012-H3U2C	CH43SX018-H3U2C	CH43SX024-H3U2C	CH43SX036-H3U2C	
Rated cooling capacity	Btu/h	8500(2047-9555)	11500(2730~12965)	17000(4095~19500)	23000(4090~24900)	32000(6140~34120)	
EER	W/W	3.09	2.77	2.70	2.81	2.80	
	Btu/W	10.55	9.45	9.20	9.60	9.55	
SEER	Btu/W	16.00	16.00	17.00	17.00	18.70	
Moisture removal	Liters/h	1.0	1.3	1.8	2.5	3.5	
Design Pressure	High(DP)	MPa	4.5	4.5	4.5	4.5	
	Low(SP)	MPa	1.9	1.9	1.9	1.9	
Indoor noise level	High	dB(A)	36	38	43	49	
	Med.	dB(A)	32	34	38	45	
	Low	dB(A)	30	30	33	41	
Outdoor noise level	dB(A)	51	52	52	52	60	
Power supply		208-230V~/60Hz/1P	208-230V~/60Hz/1P	208-230V~/60Hz/1P	208-230V~/60Hz/1P	208-230V~/60Hz/1P	
Voltage Range	V	165~265	165~265	165~265	165~265	165~265	
Rated current	A	3.9(1.5~6.4)	5.5(1.2~7.3)	8.4(1.3~12.0)	10.9(2.5~13.5)	15.9(1.8~17.5)	
Rated input	W	805(230~1350)	1217(250~1600)	1847(300~2100)	2395(300~2800)	3350(300~3900)	
Max Current	Cooling	A	7.0	7.3	12.0	13.5	
Max Power input	Cooling	W	1400	1600	2100	2800	
Refrigerant		R410A/480g	R410A/530g	R410A/680g	R410A/990g	R410A/1550g	
Compressor	Type	Rotary	Rotary	Rotary	Rotary	Rotary	
	MFG	RECHI	GMCC	GMCC	SANYO	SANYO	
Outdoor fan type		Propeller	Propeller	Propeller	Propeller	Propeller	
Outdoor fan speed	rpm	860	1000	1000	1000	850	
Outdoor fan motor output	W	31	33	33	33	85	
Indoor air flow	m ³ /h	430	500	950	1300	1450	
Indoor fan type		Cross flow	Cross flow	Cross flow	Cross flow	Cross Flow	
Indoor fan speed H/M/L	Cooling	rpm	1270/1150/950/800/700	1250/1150/950/750/600	1350/1250/1050/850/750	1270/1200/1100/920/850	1300/1200/950/800/750
	Dry	rpm	1270	1250	1350	1270	1300
	Sleep	rpm	800	750	850	920	800
Indoor fan motor output	W	14	14	25	45	45	
Connecting Pipe	Gas	Inches	3/8"	3/8"	3/8"	1/2"	
	Liquid	Inches	1/4"	1/4"	1/4"	1/4"	
Connecting Wiring	Size x Core number	4x1.0mm ²	4x1.0mm ²	4x0.75mm ²	4x0.75mm ²	4x0.75mm ²	
Drainage Pipe		O.D 16mm	O.D 16mm	O.D 16mm	O.D 16mm	O.D 16mm	
Suitable area	m ²	9-16	15~23	20~35	30~50	65~85	
Net dimensions (W x D x H)	Indoor	mm	698x255x190	777x250x201	910x294x206	1010x315x220	1186x340x258
	Outdoor	mm	777x290x498	777x290x498	853x349x602	853x349x602	967x421x803
Net weight	Indoor	kg	6	8	10	13	17
	Outdoor	kg	22	21	26	30	43
Packing dimensions (W x D x H)	Indoor	mm	764x325x257	840x315x260	979x372x277	1096x390x297	1262x420x337
	Outdoor	mm	818x325x520	818x325x520	890x385x628	890x385x628	1022x480x835
Gross weight with pipe	Indoor	kg	8	10	13	16	21
	Outdoor	kg	25	24	30	35	63
System Type		Cooling only	Cooling only	Cooling only	Cooling only	Cooling only	
Control type		Remote	Remote	Remote	Remote	Remote	
Loading Capacity 40HQ with pipe	PCS	336	310	212	196	102	