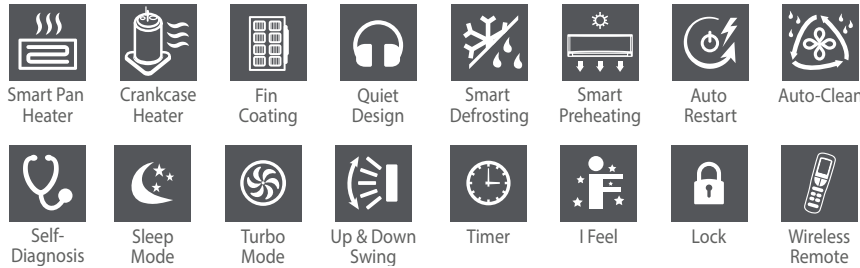




Includes



Optional



Models

Product # <sup>1</sup>	Indoor Unit	OCD09KCH235-I	OCD12KCH225-I	OCD18KCH205-I	OCD24KCH205-I	OCD30KCH185-I	OCD36KCH185-I		
	Outdoor Unit	OCD09KCH235-O	OCD12KCH225-O	OCD18KCH205-O	OCD24KCH205-O	OCD30KCH185-O	OCD36KCH185-O		
<b>Technical Performance</b>									
<b>Voltage</b>		Volts	230/208	230/208	230/208	230/208	230/208		
<b>Cooling capacity</b>	Nominal	W (BTU/hr)	2638 (9000)	3517 (12000)	5275 (18000)	6448 (22000)	8206 (28000)	9847 (33600)	
	Min. – max.	W (BTU/hr)	909 - 2813 (3100 - 9600)	909 - 3810 (3100 - 13000)	1993 - 5861 (6800 - 20000)	2000 - 8000 (6824 - 27296)	2781-8800 (9490-30030)	2169-10550 (7400-36000)	
<b>Heating capacity</b>	Nominal	W (BTU/hr)	3224 (11000)	3810 (13000)	5803 (19800)	6741 (23000)	8323 (28400)	10140 (34600)	
	Min. – max.	W (BTU/hr)	560 - 3517 (1911 - 12000)	703 - 4103 (2400 - 14000)	2151 - 6887 (7340 - 23500)	2000 - 9000 (6824 - 30708)	2931-9668 (10000-32990)	4390-10550 (14980-36000)	
<b>Used cooling power input</b>	Nominal	W	630	960	1435	1830	4100		
	Min. – max.	W	160 - 1300	200 - 1350	450 - 2150	450 - 3000	2750	4100	
<b>Used heating power input</b>	Nominal	W	1020	1100	1730	2000	3800		
	Min. – max.	W	160-1350	400 - 1400	580 - 2600	450 - 3000	2800	3800	
<b>Used rated input</b>		W	1350	1400	2600	3000	4000	4300	
<b>Rated current</b>		A	6.0	6.3	12.5	14.5	17.5	20	
<b>MCA</b>		A	9	9	16	20	20	24	
<b>Max. over-current protection (MOCP)</b>		A	15	15	25	30	30	40	
<b>SEER</b>		-	23	22	20	20	18	18	
<b>HSPF</b>		-	10.5	10.10	10	10	9	9	
<b>EER</b>		(BTU/hr/W)	4.19	3.66	3.68	3.66	10.4	8.2	
<b>COP</b>		W/W	3.16	3.46	3.35	3.37	3	2.7	
<b>ENERGY STAR</b>		-	✓	✓	✓	✓	-	-	
<b>Indoor Unit</b>									
<b>Dehumidification</b>		pt/hr (l/hr)	1.69 (0.80)	2.96 (1.4)	3.8 (1.80)	4.23 (2.00)	6.34	7.4	
<b>Air flow volume</b>	T/H/M/L <sup>2</sup>	cfm	377 / 288 / 241 / 170	400 / 288 / 241 / 171	559 / 488 / 412 / 335	706 / 647 / 589 / 530	706 / 618 / 530 / 412	1400 / 1250 / 1000 / 800	
<b>Sound level</b>	T/H/M/L <sup>2</sup>	dB (A)	43 / 39 / 35 / 29	45 / 39 / 35 / 29	47 / 43 / 40 / 39	48 / 44 / 40 / 36	51/45/41/37	54/49/44/37	
<b>Fan motor power output</b>		W	20	20	60	60	70	70	
<b>Fan motor RLA</b>		A	0.09	0.09	0.24	0.38	0.4	0.4	
<b>Deflector stepper motor power output</b>		W	1.5	1.5	2.5	2.5	2	1.5	
<b>Net weight</b>		lb (kg)	22 (10)	22 (10)	28 (12.5)	34 (15.5)	42 (19)	42 (19)	
<b>Outdoor Unit</b>									
<b>Air flow volume</b>		cfm	1059	2000	3200	2354	2354	2589	
<b>Sound level</b>		dB (A)	53	54	55	59	62	65	
<b>Compressor power input</b>		W	845	845	1440	2550	2450	3010	
<b>Compressor LRA</b>		A	-	-	25	25	40	67	
<b>Compressor RLA</b>		A	4	4	12.08	11.5	13.5	13.5	
<b>Fan motor power output</b>		W	30	30	60	92	120	170	
<b>Fan motor RLA</b>		A	-	0.36	0.49	0.65	0.45	0.89	
<b>Refrigerant volume (R410A)</b>		oz (g)	45.9 (1301)	47.6 (1349)	56.44 (1600)	77.6 (2200)	84.6 (2400)	91.7 (2600)	
<b>Net weight</b>		lb (kg)	78 (35.5)	86 (39)	106 (48)	142 (65.5)	154 (70)	161 (73)	
<b>Operating ambient temperature</b>	Cooling	°C (°F)	-18 to 46 (0 to 115)						
	Heating	°C (°F)	-20 to 24 (-4 to 75)						
<b>Connection Piping/Refrigerant</b>									
<b>Pre-charge length</b>		ft. (m)	25 (7.5)	25 (7.5)	25 (7.5)	25 (7.5)	25 (7.5)	25 (7.5)	
<b>Additional refrigerant charge</b>		oz/ft. (g/m)	0.2 (20)	0.2 (20)	0.2 (20)	0.5 (50)	0.5 (46.5)	0.2 (18.6)	
<b>Liquid pipe outer diameter</b>		in.	1/4	1/4	1/4	1/4	1/4	1/4	
<b>Gas pipe outer diameter</b>		in.	3/8	1/2	5/8	5/8	5/8	5/8	
<b>Maximum height difference</b>		ft. (m)	33 (10)	33 (10)	33 (10)	33 (10)	33 (10)	33 (10)	
<b>Maximum total length</b>		ft. (m)	49 (15)	66 (20)	82 (25)	82 (25)	98 (30)	98 (30)	

<sup>1</sup> 1 indoor unit and 1 outdoor unit. Note that each unit is individually packaged.

<sup>2</sup> Cross-Flow Fan Speeds: (T) Turbo / (H) High / (M) Medium / (L) Low.



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