



# OLC

Light Commercial - Ductless Single Zone Heat Pump



Floor or Ceiling Unit



Ductable Unit



Cassette



Outdoor Unit

Up to

**17 SEER**  
IN COOLING

**9.5 HSPF**  
IN HEATING

## Outdoor Unit Models

Product #		OLC18KCH16S	OLC24KCH16S	OLC30KCH16S	OLC36KCH16S	OLC42KCH16S	OLC48KCH16S	
<b>Voltage</b>	<b>Volts</b>	230/208	230/208	230/208	230/208	230/208	230/208	
<b>Cooling capacity</b>	Nominal	<b>W (BTU/hr)</b> 5012 (17100)	6975 (23800)	8265 (28200)	9964 (34000)	11576 (39500)	14067 (48000)	
	Min. - max.	<b>W (BTU/hr)</b> 1583 - 5803 (5400 - 19800)	2403 - 8147 (8200 - 27800)	2579 - 9202 (8800 - 31400)	3165 - 11430 (10800 - 39000)	3517 - 12456 (12000 - 42500)	5979 - 14800 (20400 - 50500)	
<b>Heating capacity</b>	Nominal	<b>W (BTU/hr)</b> 5598 (19100)	7972 (27200)	9144 (31200)	12016 (41000)	12895 (44000)	15972 (54500)	
	Min. - max.	<b>W (BTU/hr)</b> 1377 - 6799 (4700 - 23200)	2403 - 8968 (8200 - 30600)	2403 - 9847 (8200 - 33600)	2872 - 14507 (9800 - 49500)	3810 - 15386 (13000 - 52500)	5129 - 18024 (17500 - 61500)	
<b>Max. over-current protection (MOCP)</b>	<b>A</b>	25	40	40	45	50	70	
<b>Dimension</b>	<b>L x H x D</b>	<b>in. (mm)</b>	37 5/8 x 27 5/8 x 15 5/8 (955 x 701 x 396)	38 5/8 x 31 1/8 x 16 13/16 (980 x 790 x 427)	38 5/8 x 31 1/8 x 16 13/16 (980 x 790 x 427)	43 5/8 x 43 5/16 x 17 5/16 (1107 x 1100 x 439)	37 11/16 x 53 1/8 x 16 3/16 (958 x 1349 x 411)	37 11/16 x 53 1/8 x 16 3/16 (958 x 1349 x 411)
		<b>dB (A)</b>	56	57	58	63	61	59
<b>Refrigerant volume (R410A)</b>	<b>oz (g)</b>	49.4 (1400)	77.6 (2200)	84.7 (2401)	123.4 (3498)	130.5 (3700)	141.1 (4000)	
<b>Net weight</b>	<b>lb (kg)</b>	106 (48)	152 (69)	159 (72)	205 (93)	210 (95)	232 (105)	
<b>Connection Piping/Refrigerant</b>								
<b>Liquid pipe outer diameter</b>	<b>in.</b>	1/4	3/8	3/8	3/8	3/8	3/8	
<b>Gas pipe outer diameter</b>	<b>in.</b>	1/2	5/8	5/8	5/8	5/8	5/8	
<b>Max. height difference outdoor to indoor unit</b>	<b>ft. (m)</b>	49.2 (15)	49.2 (15)	49.2 (15)	49.2 (15)	98.4 (30)	98.4 (30)	
<b>Max. total length</b>	<b>ft. (m)</b>	65.6 (20)	98.4 (30)	98.4 (30)	98.4 (30)	164 (50)	164 (50)	

Indoor Unit Models

Floor or Ceiling Unit

Product #		FLC18KCH16S	FLC24KCH16S	FLC30KCH16S	FLC36KCH16S	FLC42KCH16S	FLC48KCH16S	
<b>System performance</b>								
SEER	-	17	16	17	16	16	16	
HSPF	-	9.5	9	9	9	9	9	
COP	W/W	3.61	3.39	3.54	3.20	3.21	3.48	
Rated current	Cooling	A	12.79	19.44	19.95	23.79	24.55	34.27
	Heating	A	12.28	20.46	20.97	24.30	24.81	34.27
Dehumidification	pt/hr (l/hr)	1.6 (0.76)	2.1 (0.99)	2.6 (1.23)	3.2 (1.51)	3.4 (1.61)	4.2 (1.99)	
<b>Indoor Unit</b>								
Air flow volume	cfm	585	705	880	1115	1115	1350	
Sound level	Min. - max. dB (A)	32 / 44	40 / 49	38 / 49	46 / 54	47 / 55	46 / 56	
Dimension	L x H x D in. (mm)	48 x 27 5/8 x 8 7/8 (1219 x 701 x 226)	48 x 27 5/8 x 8 7/8 (1219 x 701 x 226)	55 7/8 x 27 5/8 x 9 5/8 (1420 x 701 x 244)	55 7/8 x 27 5/8 x 9 5/8 (1420 x 701 x 244)	55 7/8 x 27 5/8 x 9 5/8 (1420 x 701 x 244)	66 7/8 x 27 5/8 x 9 5/8 (1699 x 701 x 244)	
Net Weight	lb (kg)	86 (39)	88 (40)	106 (48)	106 (48)	110 (50)	130 (59)	

Ductable unit

Product #		DLC18KCH16S	DLC24KCH16S	DLC30KCH16S	DLC36KCH16S	DLC42KCH16S	DLC48KCH16S	
<b>System performance</b>								
SEER	-	16	16	16	16	16	16	
HSPF	-	9.5	9	9	9	9	9	
COP	W/W	3.33	3.39	2.97	3.20	3.33	3.11	
Rated current	Cooling	A	12.79	19.44	19.95	23.79	24.55	34.27
	Heating	A	12.28	20.46	20.97	24.30	24.81	34.27
Dehumidification	pt/hr (l/hr)	1.4 (0.66)	1.9 (0.90)	2.2 (1.04)	2.7 (1.28)	3.0 (1.42)	3.8 (1.80)	
<b>Indoor Unit</b>								
Air flow volume	cfm	585	820	820	1175	1175	1470	
ESP	InWg	0.12	0.3	0.3	0.4	0.4	0.5	
Sound level	Min. - max. dB (A)	28 / 40	40 / 47	40 / 47	44 / 53	44 / 53	45 / 55	
Dimension	L x H x D in. (mm)	40 13/16 x 10 1/2 x 28 3/8 (1036 x 267 x 721)	50 3/8 x 10 5/8 x 22 (1280 x 269 x 559)	50 3/8 x 10 5/8 x 22 (1280 x 269 x 559)	48 5/16 x 11 3/8 x 30 1/2 (1227 x 290 x 775)	48 5/16 x 11 3/8 x 30 1/2 (1227 x 290 x 775)	52 13/16 x 13 13/16 x 29 1/2 (1341 x 351 x 749)	
Net Weight	lb (kg)	73 (33)	75 (34)	77 (35)	101 (46)	101 (46)	124 (56)	

Cassette

Product #		CLC18KCH16S	CLC24KCH16S	CLC30KCH16S	CLC36KCH16S	CLC42KCH16S	CLC48KCH16S	
<b>System performance</b>								
SEER	-	16	16	17	16	16	16	
HSPF	-	9.5	9	9	9	9	9	
COP	W/W	3.00	3.39	3.68	3.20	2.92	3.30	
Rated current	Cooling	A	12.79	19.44	19.95	23.79	24.30	34.27
	Heating	A	12.28	20.46	20.97	24.30	25.06	33.25
Dehumidification	pt/hr (l/hr)	1.8 (0.85)	2.4 (1.14)	3.0 (1.42)	3.4 (1.61)	3.7 (1.75)	4.5 (2.13)	
<b>Indoor Unit</b>								
Air flow volume	cfm	445	765	880	1095	1095	1350	
Sound level	Min. - max. dB (A)	37 / 47	38 / 47	40 / 49	43 / 51	43 / 51	41 / 53	
Dimension of the unit	L x H x D in. (mm)	26 3/16 x 9 3/8 x 23 1/2 (665 x 239 x 597)	36 1/8 x 9 3/8 x 33 1/8 (917 x 239 x 841)	36 1/8 x 12 5/8 x 33 1/8 (917 x 320 x 841)	36 1/8 x 12 5/8 x 33 1/8 (917 x 320 x 841)	36 1/8 x 12 5/8 x 33 1/8 (917 x 320 x 841)	35 13/16 x 11 3/8 x 35 13/16 (909 x 290 x 909)	
Net Weight	lb (kg)	44 (20)	60 (27)	71 (32)	71 (32)	71 (32)	95 (43)	
Dimension of the grille	L x H x D in. (mm)	26 3/8 x 2 x 26 3/8 (671 x 51 x 671)	37 1/2 x 2 3/8 x 37 1/2 (953 x 61 x 953)	37 1/2 x 2 3/8 x 37 1/2 (953 x 61 x 953)	37 1/2 x 2 3/8 x 37 1/2 (953 x 61 x 953)	37 1/2 x 2 3/8 x 37 1/2 (953 x 61 x 953)	40 7/8 x 2 5/8 x 40 7/8 (1039 x 66 x 1039)	
Net Weight	lb (kg)	8 (4)	15 (7)	15 (7)	15 (7)	15 (7)	18 (8)	



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