

Technical Specification for LG Ceiling Cassette 3 ton Capacity / Heating Cooling Mode

Item		Unit	LT-D3660HL
Cooling Capacity		kcal/h(W)	9,072(10,550)
		Btu/h	36000
Heating Capacity		kcal/h(W)	9,072(10,550)
		Btu/h	36000
Input	Cooling/Heating	W	4200/3400
Running Current	Cooling/Heating	A	19.2/16.4
Starting Current	Cooling/Heating	A	-
Power Supply		Ø,V,Hz	1,220-240, 50
Power Factor		%	98
E.E.R	Cooling	kcal/h W(W/W)	2.16(2.51)
		Btu/h W	8.57
C.O.P	Heating	W/W(kcal/h W)	3.10(2.67)
		Btu/h W	10.59
Setting temperature range(cool/heat)		°C	18~30/16~30
Dehumidification Rate		l/h	5
Refrigerant Control			Capillary Tube
Refrigerant Charge		g(oz), type	2650(93.47), R22
Indoor fan motor	Output	w	52.5
	Model		IC-1630LGPJ
	No. of Poles		6
	Input	W	175
	Running Current	A	0.76
	Capacitor	uF/Vac	4/450
Indoor Fan	Type		Turbo Fan
	No. Used/Diameter	EA/mm(inch)	1/460(18.1)
Indoor Fan RPM	Cooling(H/M/L)	rpm	560 / 520 /480
	Heating(H/M/L)	rpm	560 / 520 /480
Air Circulation	Indoor(H/M/L)	CMM(CFM)	25/23/21(883/812/742)
Noise Level(Sound Press,1m)	Indoor(H/M/L)	dB(A)±3	40/38/36
Temperature Controller			Thermistor
Indoor Coil	Tube Size (OD)	inch(mm)	0.275(7)
	Fins per inch		21
	No. of Rows & Column		2R12C
Dimensions (W*D*H)	Indoor	inch(mm)	33.0*33.0*11.3(840*840*288)
	Panel	inch(mm)	37.4*37.4*1.2(950*950*30)
Net Weight	indoor	kg(lbs)	33(72.75)
Compressor	Locked Rotor Amp.	A	105
	Type		Reciprocating
	Quantity	No	1
	Model		CR47KQ-PFZ
	Maker		Copeland
	Capacity	kcal/h(Btu/h)	10,282(40,800)
	Motor Type		PSC
	Motor Input	W	4020
	Oil Type		ATMOS M60, SUNISO 4GDID
	Oil Charge	cc	1359
O.L.P Type(model name)		Internal	

Outdoor Coil	Tube Size (OD)		inch(mm)	0.375(9.52)	0.375(9.52)
	Fins per inch			16	17
	No. of Rows & Column			2R16C	2R18C
Outdoor fan motor	Output		w	72	50
	Model			OBM-4007P2	AMR032E6
	No. of Poles			6	4
	Input		W	151	146
	Running Current		A	0.65	0.62
	Capacitor		uF/Vac	6/370	2/400
Outdoor Fan	Type			Propeller	Propeller
	No. Used/Diameter	EA/inch(mm)		1/18.1(460)	2/15.03(382)
	Discharge	Top/Side		Side Discharge	Side Discharge
	Speed	rpm		880	940*2
Air Circulation	Outdoor	CMM(CFM)		52(1836)	105(3708)
Noise Level(Sound Press, 1m)	Outdoor	dB(A)±3		57	62
SVC Valve	Liquid	inch(mm)		1/4(6.35)	3/8(9.52)
	Gas	inch(mm)		5/8(15.88)	5/8(15.88)
Dimensions (W*H*D)	Outdoor	inch(mm)		34.2*25.8*12.6(870*655*320)	31.1*38.0*12.6(790*965*320)
Net Weight	Outdoor	kg(lbs)		62(136.6)	66(145.5)
Power supply Cable(With Earth Cable)		No.* mm2		3*2.5	3*2.5
Conncting Cable(With Earth Cable)		No.* mm2		6*0.75	5*0.75
Connecting Tube (Ø Socket Flare)	Liquid Side	inch(mm)		1/4(6.35)	3/8(9.52)
	Gas Side	inch(mm)		5/8(15.88)	5/8(15.88)
	Length, std	m		7.5	7.5
	Max length/elevation	m		50/30	50/30
Drain hose (ID Ø)	Indoor Unit	mm		Ø25	Ø25
	Outdoor Unit	mm		Ø32	Ø32
Packing Dimension (W*H*D)	Indoor Unit	inch(mm)		25.2*13.0*25.2(640*330*640)	36.4*13.8*36.4(925*350*925)
	Outdoor Unit	inch(mm)		40.2*28.1*17.3(1020*715*440)	36.6*40.2*16.1(930*1020*410)
Stuffing Quantity	With(Without) S/Parts	20/40ft		54/111 (57/117)	30/64(36/72)