

Technical Specification for LG Ceiling Cassette 4 ton Capacity / Heating Cooling Mode

Item		Unit	LT-D4880HL
Cooling Capacity		kcal/h(W)	12,096(14,065)
		Btu/h	48000
Heating Capacity		kcal/h(W)	12,096(14,065)
		Btu/h	48000
Input	Cooling/Heating	W	4900/4400
Running Current	Cooling/Heating	A	8.5/8.0
Power Supply		Ø,V,Hz	3, 380-415, 50
Power Factor		%	98
E.E.R	Cooling	kcal/h W(W/W)	2.47(2.87)
		Btu/h W	9.8
C.O.P	Heating	W/W(kcal/h W)	3.20(2.75)
		Btu/h W	10.91
Setting temperature range(cool/heat)		°C	18~30/-18~30
Dehumidification Rate		l/h	5.5
Refrigerant Control			Capillary Tube
Refrigerant Charge		g(oz), type	4,250(149.9),R22
Indoor fan motor	Output	W	58.5
	Model		IC-1630LGPH
	No. of Poles		6
	Input	W	195
	Running Current	A	1.5
	Capacitor	uF/Vac	6/400
Indoor Fan	Type		Turbo Fan
	No. Used/Diameter	EA/mm(inch)	1/460(18.1)
Indoor Fan RPM	Cooling(H/M/L)	rpm	600 / 555 / 520
	Heating(H/M/L)	rpm	600 / 555 / 520
Air Circulation	Indoor(H/M/L)	CMM(CFM)	30/28/26(1059/988/918)
Noise Level(Sound Press,1m)	Indoor(H/M/L)	dB(A)±3	43/41/39
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(72.7)
Compressor	Locked Rotor Amp.	A	62
	Type		Reciprocating
	Quantity	No	1
	Model		H23A623DBEA
	Maker		Bristol
	Capacity	kcal/h(Btu/h)	13,053(51,800)
	Motor Type		Condenser Inducted
	Motor Input	W	5,000
	Oil Type		ATMOS M60, SUNISO4GDID
	Oil Charge	Cc	1,539
O.L.P Type(model name)		Internal	
Outdoor Coil	Tube Size (OD)	inch(mm)	0.375(9.52)

	Fins per inch		18
	No. of Rows & Column		2R22C
Outdoor fan motor	Output	W	72
	Model		OBM-4006P2
	No. of Poles		6
	Input	W	151
	Running Current	A	0.63
	Capacitor	uF/Vac	6/370
Outdoor Fan	Type		Propeller
	No. Used/Diameter	EA/inch(mm)	2/18.1(460)
	Discharge	Top/Side	Side Discharge
	Speed	rpm	880*2
Air Circulation	Outdoor	CMM(CFM)	105(3708)
Noise Level(Sound Press, 1m)	Outdoor	dB(A)±3	62
SVC Valve	Liquid	inch(mm)	3/8(9.52)
	Gas	inch(mm)	3/4(19.05)
Dimensions (W*H*D)	Outdoor	inch(mm)	35.4*48.2*14.6(900*1225*370)
Net Weight	Outdoor	Kg(lbs)	93(205.0)
Power supply Cable(With Earth Cable)		No.* mm2	5*3.5
Conncting Cable(With Earth Cable)		No.* mm2	5*1.25
Connecting Tube (Ø Socket Flare)	Liquid Side	inch(mm)	3/8(9.52)
	Gas Side	inch(mm)	3/4(19.05)
	Length, std	M	7.5
	Max length/elevation	M	50/30
Drain hose (ID Ø)	ndoor Unit	mm	Ø25
	Outdoor Unit	mm	Ø32
Packing Dimension (W*H*D)	ndoor Unit	inch(mm)	36.4*13.8*36.4(925*350*925)
	Outdoor Unit	inch(mm)	42.1*51.2*19.5(1070*1300*495)
Stuffing Quantity	With(Without) S/Parts	20/40ft	22/48(22/48)