

Technical Specification for LG Ceiling Cassette 2 ton Capacity / Heating Cooling Mode

Item		Unit	LT-E2460HL	
Cooling Capacity		kcal/h(W)	5871(6827)	
		Btu/h	24000	
Heating Capacity		kcal/h(W)	5,922(6886)	
		Btu/h	24000	
Input	Cooling/Heating	W	2600/-2600	
Running Current	Cooling/Heating	A	13.5/-13.5	
Starting Current	Cooling/Heating	A	62/60	
Power Supply		Ø,V,Hz	1,220-240,50	
Power Factor		%	95	
E.E.R	Cooling	kcal/h W(W/W)	2.26(2.63)	
		Btu/h W	8.97	
C.O.P	Heating	W/W(kcal/h W)	2.65(2.28)	
		Btu/h W	9.04	
Setting temperature range(cool/heat)		°C	18~30/16~30	
Dehumidification Rate		l/h	3.3	
Refrigerant Control			Capillary Tube	
Refrigerant Charge		g(oz), type	1900(67.1),R22	
Indoor fan motor	Output	w	25	
	Model		IC-9630LGAD	
	No. of Poles		6	
	Input	W	100	
	Running Current	A	0.41	
	Capacitor	uF/Vac	2.5/440	
Indoor Fan	Type		Turbo Fan	
	No. Used/Diameter	EA/mm(inch)	1/330(13.0)	
Indoor Fan RPM	Cooling(H/M/L)	rpm	800/750/700	
	Heating(H/M/L)	rpm	800/750/700	
Air Circulation	Indoor(H/M/L)	CMM(CFM)	15/14/13(530/494/459)	
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		2R11C	
Dimensions (W*D*H)	Indoor	inch(mm)	22.4*22.4*10.5(570*570*269)	
	Panel	inch(mm)	26.4*26.4*1.2(670*670*30)	
Net Weight	indoor	kg(lbs)	19(41.9)	
Compressor	Locked Rotor Amp.	A	84	
	Type		Reciprocating	
	Quantity	No	1	
	Model		H23B323ABKA	
	Maker		Bristol	
	Capacity	kcal/h(Btu/h)	6,620(26,270)	
	Motor Type		Condenser Inducted	
	Motor Input	W	2,200	
	Oil Type		SUNISO3GS	
	Oil Charge	cc	1,130	
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
Connecting 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)