

Technical Specification for LG Ceiling Cassette 1.5 ton Capacity / Heating Cooling Mode

Item		Unit	LT-E1860HL
Cooling Capacity		kcal/h(W)	4536(5274)
		Btu/h	18000
Heating Capacity		kcal/h(W)	4536(5274)
		Btu/h	18000
Input	Cooling/Heating	W	2050/ 1850
Running Current	Cooling/Heating	A	9.5 / 9
Starting Current	Cooling/Heating	A	53/ 53
Power Supply		Ø, V, Hz	1,220-240,50
Power Factor		%	98
E.E.R	Cooling	kcal/h W(W/W)	2.21(2.57)
C.O.P	Heating	W/W(kcal/h W)	2.85
Setting temperature range(cool/heat)		°C	18~30/16~30
Dehumidification Rate		l/h	1.9
Refrigerant Control			Capillary Tube
Refrigerant Charge		g(oz), type	1800,R22
Indoor fan motor	Output	w	22.4
	Model		IC-9630LGAC
	No. of Poles		6
	Input	W	90
	Running Current	A	0.75
	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	720 / 670 / 620
	Heating(H/M/L)	rpm	720 / 670 / 620
Air Circulation	Indoor(H/M/L)	CMM(CFM)	13/12/10(459/423/353)
Noise Level(Sound Press,1m)	Indoor(H/M/L)	dB(A)±3	41/39/37
Temperature Controller			Thermistor
Indoor Coil	Tube Size (OD)	inch(mm)	0.275(7)
	Fins per inch		19
	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	38
	Type		Rotary
	Quantity	No	1
	Model		2JS318G3AB02
	Maker		Matsushita
	Capacity	kcal/h(Btu/h)	4,908(19,480)
	Motor Type		Condenser Inducted
	Motor Input	W	1,885
	Oil Type		ATMOS M60, SUNISO 4GDID
	Oil Charge	cc	1,130
O.L.P Type(model name)		Internal	
Outdoor Coil	Tube Size (OD)	inch(mm)	0.375(9.52)
	Fins per inch		16
	No. of Rows & Column		2R16C
Outdoor fan motor	Output	w	61
	Model		IC-1640LGFA
	No. of Poles		6
	Input	W	151
	Running Current	A	0.72
	Capacitor	uF/Vac	6/370
Outdoor Fan	Type		Propeller
	No. Used/Diameter	EA/inch(mm)	1/18.1(460)
	Discharge	Top/Side	Side Discharge
	Speed	rpm	880
Air Circulation	Outdoor	CMM(CFM)	502(1766)

Noise Level(Sound Press, 1m)	Outdoor	dB(A)±3	55
SVC Valve	Liquid	inch(mm)	1/4(6.35)
	Gas	inch(mm)	5/8(15.88)
Dimensions (W*H*D)	Outdoor	inch(mm)	34.2*25.8*12.6(870*655*320)
Net Weight	Outdoor	kg(lbs)	62(136.6)
Power supply Cable(With Earth Cable)		No.* mm2	3*2.5
Connecting Cable(With Earth Cable)		No.* mm2	6*0.75
Connecting Tube (Ø Socket Flare)	Liquid Side	inch(mm)	1/4(6.35)
	Gas Side	inch(mm)	5/8(15.88)
	Length, std	m	7.5
	Max length/elevation	m	30/30
Drain hose (ID Ø)	Indoor Unit	mm	Ø25
	Outdoor Unit	mm	Ø32
Packing Dimension (W*H*D)	Indoor Unit	inch(mm)	25.2*13.0*25.2(640*330*640)
	Outdoor Unit	inch(mm)	40.2*28.1*17.3(1020*715*440)
Stuffing Quantity	With(Without) S/Parts	20/40ft	54/111 (57/117)