

LG Split Systems - Quick Reference Chart - 2002 Product Range

Cassette Systems	Refrigerant	Nominal	Nominal	Supply	Supply	Fuse	Intercon	Start	Run	Pipe	Max Pipe	Max Height	Gas Charge	Additional	Indoor	Outdoor
		Cooling kW	Heating kW	Location	Type	Rating (A)	Cables	Current (A)	Current (A)	Sizes	Length (m)	Diff (m)	(7.5m max)	Charge (g/m)	Weight (kg)	Weight (kg)
LT-E1860CL	R22	5.2	-	Outdoor	1 Ph	15	4 + Earth	53.0	9.5	1/4 5/8	50	30	1.90	20	18	60
LT-E2460CL	R22	7.0	-	Outdoor	1 Ph	25	4 + Earth	62.0	13.5	1/4 5/8	50	30	1.90	20	19	60
LT-D3680CL	R22	10.5	-	Outdoor	3 Ph	15	3 + Earth	50.0	7.5	3/8 5/8	50	30	2.90	30	32	88
LT-D4880CL	R22	14.0	-	Outdoor	3 Ph	20	3 + Earth	55.0	8.5	3/8 3/4	50	30	4.20	50	32	95
LT-E1860FJ (Plasma)	R407C	5.2	-	Outdoor	1 Ph	15	4 + Earth	43.6	9.3	1/4 1/2	30	15	1.50	30	19	60
LT-E2460 FJ (Plasma)	R407C	6.8	-	Outdoor	1 Ph	20	4 + Earth	71.0	12.5	1/4 5/8	30	15	1.70	30	19	60
LT-D3680FJ (Plasma)	R407C	10.5	-	Outdoor	3 Ph	20	3 + Earth	49.0	7.2	1/4 5/8	50	30	2.40	40	32	81
LT-D4880FJ (Plasma)	R407C	14.0	-	Outdoor	3 Ph	20	3 + Earth	51.0	8.0	3/8 3/4	50	30	4.60	50	32	95
LT-C1262HL (Plasma)	R22	3.5	3.5	Indoor	1 Ph	10	5 + Earth	22.0	5.5	1/4 1/2	15	7	0.85	20	17	31
LT-E1862HL (Plasma)	R22	5.2	5.2	Outdoor	1 Ph	15	5 + Earth	53.0	9.5	1/4 5/8	50	30	1.80	20	19	61
LT-E2462HL (Plasma)	R22	6.8	6.9	Outdoor	1 Ph	20	5 + Earth	62.0	13.5	1/4 5/8	50	30	1.90	20	19	61
LT-D3682HL (Plasma)	R22	10.5	10.5	Outdoor	3 Ph	15	4 + Earth	50.0	7.5	3/8 5/8	50	30	2.90	30	32	88
LT-D4882HL (Plasma)	R22	14.0	14	Outdoor	3 Ph	20	4 + Earth	55.0	8.5	3/8 3/4	50	30	4.20	50	32	95
LT-D5480HA (Plasma)	R22	15.8	15.8	Outdoor	3 Ph	20	4 + Earth	101.0	9.5	1/2 3/4	50	30	5.80	55	32	95
LT-E1860RJ (Plasma)	R407C	5.2	5.2	Outdoor	1 Ph	15	4 + Earth	43.6	9.0	1/4 1/2	30	15	1.33	30	19	60
LT-E2460RJ (Plasma)	R407C	6.8	7.0	Outdoor	1 Ph	20	4 + Earth	71.0	12.5	1/4 5/8	30	15	1.60	30	19	60
LT-D2860RJ (Plasma)	R407C	8.1	8.1	Outdoor	1 Ph	25	4 + Earth	68.0	13.4	1/4 5/8	50	30	2.08	30	30	81
LT-D3680RJ (Plasma)	R407C	10.5	10.5	Outdoor	3 Ph	20	4 + Earth	49.0	7.1	1/4 5/8	50	30	2.48	40	32	81
LT-D4880RJ (Plasma)	R407C	14.0	14.0	Outdoor	3 Ph	20	4 + Earth	51.0	8.5	3/8 3/4	50	30	4.60	50	32	95
LM-4462H2T (Multi)	R22	2 x 6.4	2 x 6.4	Outdoor	1 Ph	40	2 x 4 + Earth	58.0	21.0	2 x 3/8 2 x 5/8	2 x 20	2 x 15	2 x 1.75	50 per circuit	2 x 35	106
LM-4460R2T (Multi + Plasma)	R407C	2 x 6.4	2 x 6.3	Outdoor	1 Ph	40	2 x 4 + Earth	58.0	25.0	2 x 3/8 2 x 5/8	2 x 50	2 x 30	2 x 1.6	50 per circuit	2 x 19	102
Wall Mount Systems	Refrigerant	Nominal Cooling kW	Nominal Heating kW	Supply Location	Supply Type	Fuse Rating (A)	Intercon Cables	Start Current (A)	Run Current (A)	Pipe Sizes	Max Pipe Length (m)	Max Height Diff (m)	R22 Charge (7.5m max)	Additional Charge (g/m)	Indoor Weight (kg)	Outdoor Weight (kg)
LS-Q096AAL	R22	2.6	-	Indoor	1 Ph	13	2 + Earth	18.0	4.0	1/4 3/8	15	7	0.53	20	7	23
LS-R126AAL	R22	3.5	-	Indoor	1 Ph	13	2 + Earth	25.0	5.4	1/4 1/2	15	7	0.74	20	9	35
LS-T186AAL	R22	5.2	-	Indoor	1 Ph	16	2 + Earth	55.0	8.8	1/4 1/2	30	15	0.80	30	12	60
LS-T246AAL	R22	7.0	-	Indoor	1 Ph	25	2 + Earth	68.0	11.3	3/8 5/8	30	15	1.18	30	12	60
LS-M3061AL	R22	8.2	-	Outdoor	1 Ph	25	3 + Earth	85.0	15.5	3/8 5/8	30	15	1.95	30	23	75
LS-N3661AL	R22	10.5	-	Outdoor	1 Ph	32	3 + Earth	113.0	22.0	3/8 3/4	30	20	1.95	50	25	80
LS-Q096ABL	R22	2.6	2.7	Indoor	1 Ph	13	4 + Earth	18.0	3.9	1/4 3/8	15	7	0.59	20	7	33
LS-R126ABL	R22	3.5	3.8	Indoor	1 Ph	13	4 + Earth	25.0	5.8	1/4 1/2	15	7	0.81	20	9	35
LS-T186ABL	R22	5.2	5.5	Indoor	1 Ph	16	4 + Earth	55.0	9.2	1/4 1/2	30	15	1.32	30	12	61
LS-T246ABL	R22	7.0	7.0	Indoor	1 Ph	20	4 + Earth	68.0	12.2	3/8 5/8	30	15	1.60	30	12	60
LS-M3061BL (Plasma)	R22	8.5	8.2	Outdoor	1 Ph	25	3 + Earth	85.0	15.5	3/8 5/8	30	15	2.10	30	22	72
LS-N3661BL (Plasma)	R22	10.5	10.5	Outdoor	1 Ph	30	3 + Earth	113.0	22.0	3/8 3/4	30	15	2.52	50	25	80
LS-J0763EL (Plasma)	R22	2.0	2.1	Indoor	1 Ph	10	4 + Earth	14.2	3.3	1/4 3/8	15	7	0.80	20	7	24
LS-L1262EL (Plasma)	R22	3.4	3.7	Indoor	1 Ph	13	4 + Earth	25.0	5.8	1/4 1/2	15	7	0.81	20	9	35
LS-K1864EL (Plasma)	R22	5.1	5.4	Indoor	1 Ph	20	4 + Earth	55.0	8.7	1/4 1/2	30	15	1.32	30	12	61
LS-K2466EL (Plasma)	R22	7.0	7.0	Indoor	1 Ph	20	4 + Earth	68.0	12.2	3/8 5/8	30	15	1.52	30	12	63
LS-J0962YL (Inverter)	R22	2.6	3.3	Indoor	1 Ph	10	4 + Earth	9.4	4.8	1/4 3/8	15	7	0.65	20	7	35
LS-L1262YL (Inverter)	R22	3.5	4.2	Indoor	1 Ph	10	4 + Earth	12.1	5.8	1/4 1/2	15	7	0.98	20	9	41
LS-K1860YL (Inverter)	R22	5.2	6.0	Indoor	1 Ph	20	4 + Earth	16.1	9.0	1/4 1/2	30	15	1.27	20	12	59
LS-P1260BB (Art Cool - Blue)	R22	3.2	3.6	Indoor	1 Ph	10	4 + Earth	28.0	5.5	1/4 1/2	15	7	0.80	20	9	35
LS-P1260BD (Art Cool - Wood)	R22	3.2	3.6	Indoor	1 Ph	10	4 + Earth	28.0	5.5	1/4 1/2	15	7	0.80	20	9	35
LS-P1260BM (Art Cool - Silver)	R22	3.2	3.6	Indoor	1 Ph	10	4 + Earth	28.0	5.5	1/4 1/2	15	7	0.80	20	9	35



Ducted Split Systems		Refrigerant	Nominal Cooling kW	Nominal Heating kW	Supply Location	Supply Type	Fuse Rating (A)	Intercon Cables	Start Current (A)	Run Current (A)	Pipe Sizes	Max Pipe Length (m)	Max Height Diff (m)	R22 Charge (7.5m max)	Additional Charge (g/m)	Indoor Weight (kg)	Outdoor Weight (kg)
LB-D1861HL		R22	5.2	5.2	Outdoor	1 Ph	20	5 + Earth	45.0	9.4	1/4 5/8	50	30	1.90	25	42	57
LB-D2461HL		R22	7.0	7.0	Outdoor	1 Ph	25	5 + Earth	45.0	12.0	1/4 5/8	50	30	2.27	30	42	60
LB-F3061HL		R22	8.8	8.8	Outdoor	1 Ph	25	4 + Earth	110.0	14.0	3/8 5/8	50	30	2.60	50	46	62
LB-F3661HL		R22	10.5	10.5	Outdoor	1 Ph	32	4 + Earth	125.0	20.0	3/8 5/8	50	30	2.85	40	46	78
LB-F3681HL		R22	10.5	10.5	Outdoor	3 Ph	16	4 + Earth	45.0	8.0	3/8 5/8	50	30	2.80	40	46	78
LB-F4261HL		R22	12.3	12.3	Outdoor	1 Ph	40	4 + Earth	125.0	26.0	3/8 3/4	50	30	4.90	50	46	90
LB-E4885HL		R22	14.0	14.0	Outdoor	3 Ph	20	4 + Earth	125.0	9.0	3/8 3/4	50	30	4.25	50	70	95
LB-E6081HL		R22	16.7	17.5	Outdoor	3 Ph	25	4 + Earth	101.0	10.5	1/2 3/4	50	30	6.55	60	70	95

Floor Standing Systems		Refrigerant	Nominal Cooling kW	Nominal Heating kW	Supply Location	Supply Type	Fuse Rating (A)	Intercon Cables	Start Current (A)	Run Current (A)	Pipe Sizes	Max Pipe Length (m)	Max Height Diff (m)	R22 Charge (5m max)	Additional Charge (g/m)	Indoor Weight (kg)	Outdoor Weight (kg)
LP-K3063ZA (Plasma)		R22	8.1	8.1 + 2.0(A)	Outdoor	1 Ph	25 (32) (D)	4 + Earth (B)		12.5	3/8 5/8	30	20	2.5	30	40	65
LP-E5082ZA (Plasma)		R22	12.8	14.0 + 3.0 (A)	Outdoor	3 Ph	20 (25) (D)	4 + Earth (B)	60.0	7.8	3/8 3/4	40	25	4.2	40	62	92
LP-F8081ZL		R22	20.9	21.6 + 8.0 (A)	Outdoor	3 Ph	25 (40) (D)	4 + Earth (C)	95.0	13.0	5/8 1 1/8	50	30	7.2	50	110	150

(A) Supplementary Electric Heating

(B) In addition, electric heater requires separate 2 core (L&N) feed from outdoor unit

(C) In addition, electric heater requires separate 3 core (L1, L2, L3) and 2 core (L&N) for indoor unit fan motor from the outdoor unit terminal rail

(D) Fuse ratings in brackets are relevant when electric heaters are wired in circuit.

A blank box signifies that data was not available at the time of publication.

Floor/Ceiling Systems		Refrigerant	Nominal Cooling kW	Nominal Heating kW	Supply Location	Supply Type	Fuse Rating (A)	Intercon Cables	Start Current (A)	Run Current (A)	Pipe Sizes	Max Pipe Length (m)	Max Height Diff (m)	R22 Charge (7m max)	Additional Charge (g/m)	Indoor Weight (kg)	Outdoor Weight (kg)
LV-B1864CL		R22	5.2	-	Indoor	1Ph	20	2 + Earth	45.0	9.0	1/4 1/2	15	8	0.88	30	30	58
LV-B2464CL		R22	7.0	-	Indoor	1 Ph	25	2 + Earth	63.0	11.5	1/4 5/8	20	8	1.5	30	30	60
LV-B1864HL		R22	5.5	5.8	Indoor	1Ph	20	4 + Earth	45.0	9.2	1/4 1/2	15	8	1.31	30	30	60
LV-B2464HL		R22	7.0	7.0	Indoor	1Ph	25	4 + Earth	63.0	12.3	1/4 5/8	20	8	1.39	30	30	62

Wall Mount Multi Systems		Refrigerant	Nominal Cooling kW	Nominal Heating kW	Supply Location	Supply Type	Fuse Rating (A)	Intercon Cables	Start Current (A)	Run Current (A)	Pipe Sizes	Max Pipe Length (m)	Max Height Diff (m)	R22 Charge (7.5m max)	Additional Charge (g/m)	Indoor Weight (kg)	Outdoor Weight (kg)
LM-1460H2L	A	R22	2.93	3.22	Outdoor	1 Ph	16	3 + Earth	32.0	6.5	1/4 3/8	15	7	1.60	20	7	48
	B	R22	2.93	3.22				3 + Earth			1/4 3/8	15	7	-	20	7	
LM-1860N2F	A	R22	2.64	3.04	Outdoor	1 Ph	20	3 + Earth	2.0	9.4	1/4 3/8	20	8	1.80	20	7	60
	B	R22	2.64	3.04				3 + Earth			1/4 3/8	20	8	1.80	20	7	
LM-1963H2L	A	R22	2.78	2.78	Outdoor	1 Ph	20	3 + Earth	23.0	8.3	1/4 3/8	15	7	1.03	20	7	62
	B	R22	2.78	2.78				3 + Earth			1/4 3/8	15	7	1.03	20	7	
LM-2163H2L	A	R22	3.52	3.66	Outdoor	1 Ph	20	3 + Earth	23.0	9.5	1/4 1/2	15	7	1.42	30	9	63
	B	R22	2.63	2.78				3 + Earth			1/4 3/8	15	7	0.86	30	7	
LM-2164H2L	A	R22	4.10	4.10	Outdoor	1 Ph	20	3 + Earth	32.0	9.7	1/4 1/2	15	7	1.42	20	9	63
	B	R22	2.05	2.05				3 + Earth			1/4 3/8	15	7	0.86	20	7	
LM-2063H3L	A	R22	2.34	2.49	Outdoor	1 Ph	25	3 + Earth	22.0	9.9	1/4 3/8	15	7	0.76	20	7	66
	B1 & B2	R22	2.49	2.64				3 + Earth			1/4 3/8	15	7	1.70	20	7	
LM-3063H3L	A	R22	3.22	3.22	Outdoor	1 Ph	25	3 + Earth	23.0	12.8	1/4 1/2	15	7	1.16	30	9	68
	B1 & B2	R22	3.37	3.52				3 + Earth			1/4 3/8	15	7	1.90	20	9	
LM-3064H3L	A	R22	4.10	4.10	Outdoor	1 Ph	25	3 + Earth	32.0	12.8	1/4 1/2	15	7	1.17	30	9	68
	B1 & B2	R22	2.05	2.05				3 + Earth			1/4 3/8	15	7	2.00	20	7	
LM-3060H4L	A1	R22	4.10	4.10	Outdoor	1 Ph	25	3 + Earth	48.0	14.5	1/4 1/2	15	7	1.72	30	9	68
	A2, B1 & B2	R22	2.30	2.60				3 + Earth			1/4 3/8	15	7	1.20	20	7	

NB. Duties shown above are for indoor units running individually.

Where 2 indoor units share a common compressor, there will be a reduced duty per indoor unit when both are running.

Notes

All LG split systems have an auto-restart feature.

The Plasma filter is an in-built electronic device, capable of removing particles as small as 0.01 micron such as tobacco smoke and pollen.

