



LG SPLIT SYSTEMS - TECHNICAL QUICK REFERENCE CHART - 2003 PRODUCT RANGE

CASSETTE SYSTEMS (Updated January 2004)

	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)	Gas Charge (7.5m max)	Additional Charge (g/m)	Indoor Weight (kg)	Outdoor Weight (kg)
LT-E1860FJ (Plasma)	R407C	5.2	-	Outdoor	1 Ph	20	3 + Earth	52.0	9.3	1/4 1/2	30	15	1.65	25	19	60
LT-E2460 FJ (Plasma)	R407C	6.8	-	Outdoor	1 Ph	25	3 + Earth	63.0	12.5	1/4 5/8	30	15	1.40	30	19	60
LT-D2860FJ (Plasma)	R407C	8.2	-	Outdoor	1 Ph	25	3 + Earth	76.0	14.0	1/4 5/8	50	30	1.95	30	32	65
LT-D3681FJ (Plasma)	R407C	10.5	-	Outdoor	3 Ph	20	3 + Earth	50.0	7.2	1/4 5/8	50	30	2.40	40	32	65
LT-D4881FJ (Plasma)	R407C	14.0	-	Outdoor	3 Ph	25	3 + Earth	62.0	8.0	3/8 3/4	50	30	3.60	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-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-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	20	4 + Earth	52.0	9.0	1/4 1/2	30	30	1.33	25	19	60
LT-E2460RJ (Plasma)	R407C	6.8	7.0	Outdoor	1 Ph	25	4 + Earth	63.0	12.5	1/4 5/8	30	30	1.60	30	19	60
LT-D2860RJ (Plasma)	R407C	8.2	8.2	Outdoor	1 Ph	25	4 + Earth	76.0	12.8	1/4 5/8	50	30	1.85	40	32	68
LT-D3681RJ (Plasma)	R407C	10.5	10.5	Outdoor	3 Ph	20	4 + Earth	50.0	7.1	1/4 5/8	50	30	2.48	40	32	68
LT-D4881RJ (Plasma)	R407C	14.0	14.0	Outdoor	3 Ph	25	4 + Earth	62.0	8.5	3/8 3/4	50	30	4.60	50	32	95
LM-4460R2TJ (Multi & Plasma)	R407C	2 x 6.4	2 x 6.2	Outdoor	1 Ph	60	2 x 4 + Earth	58.0	22.0	2 x 3/8 2 x 5/8	2 x 50	2 x 30	2 x 2.05	50 per circuit	2 x 20	102

WALL MOUNT SYSTEMS (Updated January 2004)

	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)	Gas Charge (7.5m max)	Additional Charge (g/m)	Indoor Weight (kg)	Outdoor Weight (kg)
AS-C096QLA0	R410A	2.7	-	Indoor	1 Ph	10	2 + Earth	17.0	3.7	1/4 3/8	15	7	0.58	20	7	34
AS-C126RLA0	R410A	3.5	-	Indoor	1 Ph	10	2 + Earth	24.0	5.1	1/4 1/2	15	7	0.82	20	8	35
AS-C186TLB0	R410A	5.4	-	Indoor	1 Ph	16	2 + Earth	53.0	8.5	1/4 1/2	30	15	1.27	20	12	60
LS-K2460ML	R410A	7.0	-	Indoor	1 Ph	20	2 + Earth	78.0	11.0	3/8 1/2	30	15	1.40*	30	12	62
CS-C306MLB0	R407C	7.9	-	Outdoor	1 Ph	25	3 + Earth	85.0	12.5	3/8 5/8	30	15	2.40	30	20	72
CS-C366MLB0	R407C	10.0	-	Outdoor	1 Ph	25	3 + Earth	113.0	18.0	3/8 3/4	30	15	2.35	50	25	82
LS-Q096ABL	R22	2.6	2.7	Indoor	1 Ph	13	4 + Earth	18.0	3.9	1/4 3/8	15	7	0.64	20	7	33
LS-R126ABL	R22	3.5	3.8	Indoor	1 Ph	16	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-H366NLD0 (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
AS-H096RLC0 (Plasma)	R410A	2.8	2.9	Indoor	1 Ph	10	4 + Earth	18.0	3.9	1/4 1/2	15	7	0.76	20	8	23
AS-H126RLC0 (Plasma)	R410A	3.5	3.8	Indoor	1 Ph	10	4 + Earth	24.0	5.1	1/4 1/2	15	7	0.83	20	8	35
LS-K1864PL (Plasma)	R410A	5.3	5.6	Indoor	1 Ph	16	4 + Earth	58.0	9.5	1/4 1/2	30	15	1.30*	20	12	65
LS-K2463PL (Plasma)	R410A	7.0	7.0	Indoor	1 Ph	20	4 + Earth	78.0	12.0	3/8 1/2	30	15	1.42*	30	12	65
CS-H306MLD0 (Plasma)	R407C	7.9	8.2	Outdoor	1 Ph	25	4 + Earth	85.0	12.5	3/8 5/8	30	15	2.55	30	20	72
CS-H366NLD0 (Plasma)	R407C	10.0	10.0	Outdoor	1 Ph	25	4 + Earth	113.0	18.0	3/8 3/4	30	15	2.95	50	12	60
LS-Q096BUL (Inverter & Plasma)	R410A	2.6	3.5	Indoor	1 Ph	10	3 + Earth	5.0	5.0	1/4 3/8	15	7.0	0.58	20	7	34
LS-R126CUL (Inverter & Plasma)	R410A	3.5	4.1	Indoor	1 Ph	10	3 + Earth	6.1	6.1	1/4 3/8	15	7	0.93	20	10	38
LS-K1861YL (Inverter & Plasma)	R22	5.3	6.0	Indoor	1 Ph	16	3 + Earth	9.0	9.0	1/4 1/2	30	15	1.27	20	12	59
LS-PT2608B (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-PT2608M (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
AS-H126PB00 (Plasma - Blue)	R410A	3.3	3.3	Indoor	1 Ph	10	4 + Earth	28.0	5.4	1/4 1/2	15	7	0.90	27	9	33
AS-H126PDC0 (Plasma - Wood)	R410A	3.3	3.3	Indoor	1 Ph	10	4 + Earth	28.0	5.4	1/4 3/8	15	7	0.90	27	9	33
LS-H186VBC0 (Plasma - Blue)	R22	5.3	5.4	Indoor	1 Ph	16	4 + Earth	40.0	8.8	1/4 3/8	30	15	1.31	20	15	60
LS-H186VDC0 (Plasma - Wood)	R22	5.3	5.4	Indoor	1 Ph	16	4 + Earth	40.0	8.8	1/4 1/2	30	15	1.31	20	15	60
AS-H126URD0 (Plasma - Mirror)	R410A	3.5	3.8	Indoor	1 Ph	10	4 + Earth	28.0	5.2	1/4 1/2	15	7	0.98	20	10	34

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.

* 5m Gas Charge

LG SPLIT SYSTEMS – TECHNICAL QUICK REFERENCE CHART – 2003 PRODUCT RANGE

DUCTED SPLIT SYSTEMS (Updated January 2004)

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)	Gas Charge (7.5m max)	Additional Charge (g/m)	Indoor Weight (kg)	Outdoor Weight (kg)
LB-H2460RH (Plasma optional)	7.0	7.0	Outdoor	1 Ph	20	4 + Earth	61.0	13.0	1/4 5/8	50	30	1.7	30	34	60
LB-G3660RH (Plasma optional)	10.2	10.5	Outdoor	1 Ph	40	4 + Earth	125.0	19.0	1/4 5/8	50	30	1.9	40	38	72
LB-G3680RH (Plasma optional)	10.2	10.5	Outdoor	3 Ph	20	4 + Earth	50.0	6.7	1/4 5/8	50	30	1.9	40	38	72
LB-E4860RH (Plasma optional)	14.0	14.0	Outdoor	3 Ph	25	4 + Earth	62.0	8.5	3/8 3/4	50	30	4.9	40	70	95
LB-E6080RH (Plasma optional)	16.4	17.5	Outdoor	3 Ph	32	4 + Earth	79.0	10.0	1/2 3/4	50	30	6.2	80	79	95

FLOOR STANDING SYSTEMS (Updated January 2004)

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)	8.1	8.1+2.0 (A)	Outdoor	1 Ph	25 (32) (D)	4 + Earth (B)	85.0	12.5	3/8 5/8	30	20	2.5	30	40	65
LP-E5082ZA (Plasma)	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	90
LP-F8081ZL	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.

FLOOR/CEILING SYSTEMS (Updated January 2004)

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)	Gas Charge (7m max)	Additional Charge (g/m)	Indoor Weight (kg)	Outdoor Weight (kg)
LV-B1864HL	5.5	5.8	Indoor	1Ph	15	4 + Earth	45.0	9.2	1/4 1/2	15	8	1.31	30	30	60
CV-H1868LB0	5.5	5.5	Indoor	1 Ph	16	3 + Earth	54.0	8.5	1/4 1/2	15	8	1.5	30	30	60
CV-H2468LB0	7.0	7.0	Indoor	1 Ph	20	3 + Earth	66.0	12.0	1/4 5/8	20	8	1.65	30	30	60
CV-H368CLB0	10.0	10.0	Outdoor	3 Ph	16	4 + Earth	50.0	7.0	1/4 5/8	50	30	2.15	40	65	68
CV-H488DLB0	13.5	13.9	Outdoor	3 Ph	20	4 + Earth	125.0	8.5	3/8 3/4	50	30	3.75	50	74	95

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.

CONTINUED OVERLEAF



LG SPLIT SYSTEMS – TECHNICAL QUICK REFERENCE CHART – 2003 PRODUCT RANGE

WALL MOUNT MULTI SYSTEMS (Updated January 2004)

	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
(Inverter) B	R22	2.64	3.04	-	-	-	3 + Earth	-	-	1/4 3/8	20	8	-	20	7	-
LM-1966H2L A	R22	2.78	2.78	Outdoor	1 Ph	20	3 + Earth	22.0	8.8	1/4 3/8	15	7	0.67	20	7	63
B	R22	2.78	2.78	-	-	-	3 + Earth	-	-	1/4 3/8	15	7	0.67	20	7	-
LM-2166H2L A	R22	3.52	3.78	Outdoor	1 Ph	20	3 + Earth	24.0	9.5	1/4 1/2	15	7	0.86	20	10	62
B	R22	2.63	2.78	-	-	-	3 + Earth	-	-	1/4 3/8	15	7	0.77	20	7	-
LM-3065H3L A	R22	3.22	3.22	Outdoor	1 Ph	25	3 + Earth	37.0	12.8	1/4 1/2	15	7	0.77	20	9	68
B1 & B2	R22	2.93	3.52	-	-	-	3 + Earth	-	-	1/4 3/8	15	7	1.25	20	7	-

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

Where two 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.