



Residential/Light Commercial Systems Counter Quick Reference Guide

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Single Zone Systems

System	Model	ENERGY STAR®	kBtu/h		SEER	EER	HSPF	Voltage	Rated Amps	MCA	MOP	Weight (lbs)		Pipe Size (in.)		Pre Charge	1/3x Pipe Length	Max Elevation	Trim Charge (oz/ft)	Operation Range		Smart ThinQ ²	PI-485 ²	Wired Controller ²	LAK ³
			Cool	Heat								IDU	ODU	Liquid	Suction					Cooling	Heating				
Art Cool™ Premier	LA-090HSV5	ES-ME	9	10.9	23.5	14.52	11.3	208/230	7.4	10	15	21	75	1/4	3/8	41'	82'	49.2'	.22	14° to 118°F	-4° to 65°F	Built In	Y	Y	Y
	LA-120HSV5		12	13.6	22.7	12.5	11.4		7.4	10	15	21	75	1/4	3/8	41'	82'	49.2'							
	LA-180HSV5		18	21.6	21.5	12.58	10.2		9.85	13	20	30	117	3/8	5/8	24.6'	114.8'	49.2'							
	LA-240HSV3		22	27.6	20	10.8	10		15.4	19	25	32	121	3/8	5/8	24.6'	98.4'	49.2'							
Art Cool™ Premier	LA-090HYV1	ES-ME	9	11	27.5	15.7	12	208/230	8.7	11.2	15	24	77	1/4	3/8	41'	65.6'	32.8'	.22	14° to 118°F	-13° to 65°F	Y	N	Y	Y
	LA-120HYV1		11	12	25.5	13.8	12		8.7	11.2	15	24	77	1/4	3/8	41'	65.6'	32.8'							
	LA-150HYV2		15	18	24	13.5	12.5		15	19	25	34	122	3/8	5/8	24.6'	98.4'	65.6'							
	LA-180HYV2		18.2	22	22	12.5	12		15	19	25	34	122	3/8	5/8	24.5'	98.4'	65.6'							
	LA-180HYV1		18.2	22	24	13.5	12.5		15.3	19	25	34	122	3/8	5/8	24.6'	98.4'	65.6'							
	LA-240HYV1		22	27	22	12.5	12		15.3	19	25	34	122	3/8	5/8	24.6'	98.4'	65.6'							
Extended Piping	LS-243HLV	ES-ME	22	27	21.5	12.5	11	208/230	14.85	19	25 ⁹	40	125	3/8	5/8	24.6'	164'	98.4'	.38	14° to 118°F	-4° to 65°F	Built In	Y	Y	Y
	LS-303HLV		30	32	18.5	10	10		14.85	19	25 ⁹	40	125	3/8	5/8	24.6'	164'	98.4'							
	LS-363HLV		33	35.2	16.5	8.2	10		14.85	19	25 ⁹	40	125	3/8	5/8	24.6'	164'	98.4'							
High Efficiency	LS-090HSV5	ES-ME	9	10.9	23.5	14.52	11.3	208/230	7.4	10	15	19	75	1/4	3/8	41'	82'	49.2'	.22	14° to 118°F	-4° to 65°F	Built In	Y	Y	Y
	LS-120HSV5		12	13.6	22.7	12.5	11.4		7.4	10	15	19	75	1/4	3/8	41'	82'	49.2'							
	LS-180HSV5		18	21.6	21.5	12.58	10.2		9.85	13	20	27	117	3/8	5/8	24.6'	114.8'	49.2'							
MEGA	LS-090HEV1	ES	8.5	9	19	12.5	9	208/230	7.5	10	15	17	62	1/4	3/8	24.6'	49.2'	22.9'	.22	14° to 118°F	14° to 65°F	N	N	N	N
	LS-120HEV1		12	12	17	10.5	9.2		7.5	10	15	23	62	1/4	3/8	24.6'	49.2'	22.9'							
	LS-180HEV1		17	19	18	11	9		9.61	12	20	28	78	1/4	1/2	24.6'	65.6'	32.8'							
	LS-240HEV1		22	22	17	10.8	9		11.52	15	20	28	95	1/4	5/8	24.6'	65.6'	32.8'							
MEGA (115v)	LS-090HXV	-	8.5	10.9	17	12	9	115	10.4	13.5	20	23	67	1/4	3/8	24.6'	49.2'	22.9'	.22	14° to 118°F	14° to 65°F	N	N	Y	N
	LS-120HXV		12	13	17	10.5	9		10.4	13.5	20	23	67	1/4	3/8	24.6'	49.2'	22.9'							
Ceiling Mounted	LC-097HV4	ES	9	11	20.2	13.7	10.5	208/230	9.65	11.9	15	31	82	1/4	3/8	24.6'	65.6'	49.2'	.22	0° to 118°F	-4° to 64°F	N	Y	Y	Y
	LC-127HV4		11.1	14	19.4	12.6	10.4		10.1	12.3	15	31	82	1/4	3/8	24.6'	65.6'	49.2'							
	LC-187HV		18	20	20	15	10.1		14.7	18.1	30	46	133	3/8	5/8	25'	164'	98.4'							
	LC-247HV		24	27	17	12.6	9.7		15.1	18.1	30	46	133	3/8	5/8	25'	164'	98.4'							
	LC-367HV		36	40	19	13.5	9.5		20.8	24.5	40	55	203	3/8	5/8	25'	246.1'	98.4'							
	LC-427HV		42	47	17	10.3	8.6		20.8	24.5	40	55	203	3/8	5/8	25'	246.1'	98.4'							
Ducted	LH-247HV	-	24	27	17	12	10	208/230	15.1	18.1	30	73	133	3/8	5/8	25'	164'	98.4'	.43	5° to 118°F	0° to 64°F	N	Y	Y	Y
	LH-367HV		36	40	17.6	12.1	9.2		21.4	24.5	40	125	203	3/8	5/8	25'	246.1'	98.4'							
	LD-097HV4		9	14	18.5	12.7	10.3		9.65	11.9	15	39	82	1/4	3/8	24.6'	65.6'	49.2'							
	LD-127HV4		11.6	16	19.6	12.9	10.5		10.1	12.3	15	51	82	1/4	3/8	24.6'	65.6'	49.2'							
Vertical AHU	LV-180HV4	ES	18	20	19	13.3	9.5	208/230	15.1	20	30	129	129	3/8	5/8	24.6'	164'	98.4'	.43	5° to 118°F	-4° to 64°F	Y	Y	Y	Y
	LV-240HV4		24	27	18	12.5	10		15.1	20	30	129	129	3/8	5/8	24.6'	164'	98.4'							
	LV-360HV4		36	40	18	12.5	10		24.2	32	40	165	203	3/8	5/8	24.6'	246'	98.4'							
	LV-420HV		42	47	17	11.1	10		24.2	32	40	165	203	3/8	5/8	24.6'	246'	98.4'							
	LV-480HV		48	56	16.5	10	9.5		24.2	32	40	165	203	3/8	5/8	24.6'	246'	98.4'							



How to Read LG Model Numbers

SINGLE ZONE SYSTEMS – INDOOR/OUTDOOR

L A N 09 0 H YV 1

Brand: L LG
Family: A Art Cool™ Wall-Mounted, C Four-Way Ceiling Cassette, D Ceiling-Concealed Duct (Low Static), H Ceiling-Concealed Duct (High Static)

Component: N Indoor Unit, U Outdoor Unit

Nominal Capacity: 09 9,000, 12 12,000, 15 15,000, 18 18,000, 24 24,000, 30 30,000, 36 36,000, 42 42,000, 48 48,000

Generation: 0-8
Cycle: H Heat Pump
Product Type: EV Mega Inverter, LV Extended Pipe Inverter, SV Art Cool™ Mirror Inverter, V Standard Inverter, XV Mega 115v Inverter, YV Art Cool™ Premier Inverter

Features: 1-2-3-4-5 Model Specific Features/Improvements

MULTI-ZONE SYSTEMS – INDOOR/OUTDOOR*

L M N 15 9 HV T

Brand: L LG
Family: M Multi-Zone
Product: AN Art Cool™ Wall-Mounted Indoor Unit, CN Four-Way Ceiling-Cassette Indoor Unit, DN Ceiling-Concealed Duct (Low Static) Indoor Unit, HN Ceiling-Concealed Duct (High Static) Indoor Unit, N Standard Wall-Mounted Indoor Unit, VN Vertical-Horizontal Air Handling Indoor Unit, U Outdoor Unit

Nominal Capacity: 07 7,000, 09 9,000, 12 12,000, 15 15,000, 18 18,000, 24 24,000, 30 30,000, 36 36,000, 42 42,000, 48 48,000, 54 54,000, 60 60,000

Generation: 0-5-6-7-8-9-C
Cycle/Type: HV Inverter Heat Pump, HHV High Heat (LGRED®) Inverter Heat Pump
Style: T High Wall IDU, P Art Cool™ Gallery IDU

* Multi-compatible Single Zone IDU nomenclature is conveyed in the Single Zone Systems Section

Multi-Zone Systems – Indoor

Unit Type	Model	kBtu/h		Voltage	Rated Amps	Weight (lbs)	Pipe Size (in.)		
		Cool	Heat				Liquid	Suction	
Wall Mounted	LMAN097HVP	9	10.4	208/230	0.2	32	1/4	3/8	
	LMAN127HVP	11.2	13.3		0.2	32	1/4	3/8	
	Art Cool™ Mirror	LAN090HSV5	9		10.9	0.4	20.5	1/4	3/8
		LAN120HSV5	12		13.6	0.4	20.5	1/4	3/8
		LAN180HSV5	18		21.6	0.4	29.8	1/4	1/2
	High Efficiency	LMN079HVT	7		8.1	0.4	18.3	1/4	3/8
LSN090HSV5		9	10.9	0.4	18.3	1/4	3/8		
LSN120HSV5		12	13.6	0.4	18.3	1/4	3/8		
LMN159HVT		14.3	15.6	0.4	18.3	1/4	3/8		
LSN180HSV5		18	21.6	0.4	25.6	1/4	1/2		
LMN249HVT		24	25.6	0.4	25.6	1/4	1/2		
Ceiling Mounted	LMCN077HV	7	8.1	0.25	31	1/4	3/8		
	LCN097HV4	9	11	0.25	31	1/4	3/8		
	LCN127HV4	11.1	14	0.25	31	1/4	3/8		
	LMCN185HV	18	20.8	0.25	34	1/4	1/2		
Ducted	LDN097HV4	9	10.4	0.4	39	1/4	3/8		
	LDN127HV4	12	13.8	0.8	51	1/4	3/8		
	LMDN186HV	18	20.8	0.8	51	1/4	1/2		
	High Static	LMHN240HV	24	27	0.9	80	1/4	1/2	
		LMHN360HV	36	40	1.4	91	3/8	5/8	
		LVN180HV4	18	20	1.1	129	1/4	1/2	
Vertical AHU	LVN240HV4	24	27	1.1	129	1/4	1/2		
	LVN360HV4	36	40	2.2	165	3/8	5/8		
	LMVN360HV	36	40	1.12	121	3/8	5/8		

Multi-Zone Systems – Outdoor

Unit Type	Model	ENERGY STAR®	kBtu/h		SEER ⁵	EER ⁵	HSPF ⁵	Voltage	Rated Amps	MCA	MOP	Weight (lbs)	Pipe Connection		Pre Charge	Max Pipe Length	Max Elevation	Trim Charge	Min/Max IDUs	Operation Range	
			Cool	Heat									Liquid	Suction						Cooling	Heating
Multi F	LMU18CHV	ES ⁵	17	22	22	13	9.7	208/230	11.1	13.3	20	100	1/4"(X2)	3/8"(X2)	49.2'	Total:164'	OD→ID: 49.2'	.22 oz/ft	2/2	14° to 118°F	-4° to 64°F
	LMU24CHV	ES ⁴	20	24	21.7	13.5	10.6		12	14.3	20	100	1/4"(X3)	3/8"(X3)	73.8'	Total:246.1'					
	LMU30CHV	ES ⁵	30	32	22	13	10		13.9	16.6	25	137	1/4"(X4)	3/8"(X4)	98.4'	OD→ID:82'					
	LMU36CHV		32	36	22	13	10		15.1	17.9	25	137	1/4"(X4)	3/8"(X4)	98.4'						
Multi F LGRED®	LMU180HHV	ES ⁵	18	22	21	13.5	10	208/230	15.3	18.6	25 ⁹	148	1/4"	3/8"	49.2'	Total:164'	OD→ID:82'	.22 oz/ft	2/2	14° to 118°F	-13° to 64°F
	LMU240HHV		24	26	21	13.5	10.7		15.7	19	25 ⁹	152	1/4"	3/8"	73.8'	Total:246.1'					
	LMU300HHV		28.4	28.6	20	12.5	11		16.1	19.4	25 ⁹	152	1/4"	3/8"	98.4'	OD→ID:82'					
Multi F MAX LGRED®	LMU360HHV	ES	36	41	21	15	11.5	208/230	25.1	30.2	45	223	3/8"	3/4"	49.2'	Total:475.7'	OD→ID:98.4'	.22 oz/ft	2/5	14° to 118°F	-13° to 64°F
	LMU420HHV		42	45	20.5	14	11		25.1	30.2	45	223									