



Residential/Light Commercial Systems Counter Quick Reference Guide

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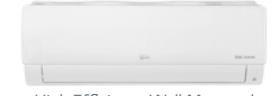
Art Cool™ Premier



Art Cool™ Gallery



Art Cool™ Mirror



High Efficiency Wall Mounted



Extended Piping Wall Mounted



Mega



Ceiling Cassette



High Static Ducted



Low Static Ducted



Vertical AHU



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					
Wall Mounted	Art Cool™ Mirror	ES-ME	LA-090HSV5	9	10.9	23.5	14.52	11.3	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'	.38			N				
			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'	.38							
			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'	.38							
	Art Cool™ Premier	ES-ME	With LGRED® Heat	LA-090HYV1	9	11	27.5	15.7	12	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	Y	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'	.22			N			
				LA-150HYV2	15	18	24	13.5	12.5	15	19	25	34	122	3/8	5/8	24.6'	98.4'	65.6'	.38			Y	Y	Y	Y
				LA-180HYV2	18.2	22	22	12.5	12	15	19	25	34	122	3/8	5/8	24.5'	98.4'	65.6'	.38			Y	Y	Y	Y
	Extended Piping	ES-ME	SmartThinQ ²	LS-243HLV	22	27	21.5	12.5	11	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'	.38						
				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'	.38						
	High Efficiency	ES-ME	SmartThinQ ²	LS-090HSV5	9	10.9	23.5	14.52	11.3	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'	.38							
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'	.38							
LS-090HEV1				8.5	9	19	12.5	9	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	
MEGA	-		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'	.22							
			LS-180HEV1	17	19	18	11	9	9.61	12	20	28	78	1/4	1/2	24.6'	65.6'	32.8'	.33							
			LS-240HEV1	22	22	17	10.8	9	11.52	15	20	28	95	1/4	5/8	24.6'	65.6'	32.8'	.33							
MEGA (115v)	-		LS-090HXV	8.5	10.9	17	12	9	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'	.22							
Ceiling Mounted	ES	SmartThinQ ²	LC-097HV4	9	11	20.2	13.7	10.5	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					
			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'	.22							
			LC-187HV	18	20	20	15	10.1	14.7	18.1	30	46	133	3/8	5/8	25'	164'	98.4'	.43	5° to 118°F	0° to 64°F	N	Y	Y	Y	
			LC-247HV	24	27	17	12.6	9.7	15.1	18.1	30	46	133	3/8	5/8	25'	164'	98.4'	.43							
			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'	.43							
			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'	.43							
Ducted	High Static	-		LH-247HV	24	27	17	12	10	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'	.43						
	Low Static	ES	SmartThinQ ²	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'	.22	0° to 118°F	-4° to 64°F	N	Y	Y	Y
				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'	.22						
	Vertical AHU	ES	SmartThinQ ²	LV-180HV4	18	20	19	13.3	9.5	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'	.43						
Vertical AHU	-		LV-360HV4	36	40	18	12.5	10	24.2	32	40	165	203	3/8	5/8	24.6'	246'	98.4'	.43							
			LV-420HV	42	47	17	11.1	10	24.2	32	40	165	203	3/8	5/8	24.6'	246'	98.4'	.43							
LV-480HV	48	56	16.5	10	9.5	24.2	32	40	165	203	3/8	5/8	24.6'	246'	98.4'	.43										

How to Read LG Model Numbers

SINGLE ZONE SYSTEMS – INDOOR/OUTDOOR

L	A	N	09	0	H	YV	1
Brand	Family	Component	Nominal Capacity	Generation	Cycle	Product Type	Features

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, High-Efficiency Inverter
 Features: 1-2-3-4-5 Model Specific Features/Improvements

MULTI-ZONE SYSTEMS – INDOOR/OUTDOOR*

L	M	N	15	9	HV	T
Brand	Family	Product	Nominal Capacity	Generation	Cycle/Type	Style

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	Art Cool™ Gallery	LMAN097HVP	9	10.4	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
		LAN240HSV5	24	25.6	0.4	25.6	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	4-Way Cassette (PT-UQC/PT-QCHW0 Required)	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
	Vertical AHU	LMCN185HV	18	20.8	0.25	34	1/4	1/2
		LDN097HV4	9	10.4	0.4	39	1/4	3/8
		LDN127HV4	12	13.8	0.8	51	1/4	3/8
Ducted	Low Static	LMDN186HV	18	20.8	0.8	51	1/4	1/2
		LMHN240HV	24	27	0.9	80	1/4	1/2
	High Static	LMHN360HV	36	40	1.4	91	3/8	5/8
		LMN180HV4	18	20	1.1	129	1/4	1/2
	Vertical AHU	LMN240HV4	24	27	1.1	129	1/4	1/2
		LMN360HV4	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
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