



Residential/Light Commercial Systems 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	Max Pipe Length	Max Elevation	Trim Charge (oz/ft)	Operation Range		Smart AC ²	PI-485 ²	Wired Controller ²	LAK ³						
			Cool	Heat								IDU	ODU	Liquid	Suction					Cooling	Heating										
Wall Mounted	ART COOL™ Mirror	ES-ME	9	10.8	21.5	13.3	10.8	208/230	8.7	10	15	24	75	1/4	3/8	41'	65.6'	32.8'	.22	14° to 118°F	-4° to 65°F	N	Y	Y	Y						
			11.2	13.3	21.5	12.5	11		8.7	10	15	24	75	1/4	3/8	41'	65.6'	32.8'													
		ES	18.2	22	20.5	12.6	9.7		15.4	19	25	32	121	3/8	5/8	24.6'	98.4'	49.2'		.38	14° to 118°F	-4° to 65°F	N	Y	Y	Y					
			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 LGRES® Powerful Heat Technology Indicates LGRES®	ES-ME	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						
			11	12	25.5	13.8	12		8.7	11.2	15	24	77	1/4	3/8	41'	65.6'	32.8'													
			15	18	24	13.5	12.5		15	19	25	34	122	3/8	5/8	24.6'	98.4'	65.6'								.38	14° to 118°F	-13° to 65°F	Y	Y	Y
			18.2	22	24	13.5	12.5		15.3	19	25	34	122	3/8	5/8	24.6'	98.4'	65.6'													
			18.2	22	22	12.5	12		15	19	25	34	122	3/8	5/8	24.6'	98.4'	65.6'													
			22	27	22	12.5	12		15.3	19	25	34	122	3/8	5/8	24.6'	98.4'	65.6'													
	Extended Piping SmartThinQ™ Indicates SmartThinQ™	ES-ME	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						
			30	32	18.5	10	10		14.85	19	25 ⁹	40	125	3/8	5/8	24.6'	164'	98.4'													
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	ES-ME	9	10.8	21.5	13.3	10.8	8.7	10	15	20	75	1/4	3/8	41'	65.6'	32.8'	.22	14° to 118°F	-4° to 65°F	Y	Y	Y	Y								
		11.2	13.3	21.5	12.5	11	8.7	10	15	20	75	1/4	3/8	41'	65.6'	32.8'															
		18.2	22	20.5	12.6	9.7	15.4	19	25	31	121	3/8	5/8	24.6'	98.4'	49.2'								.38	14° to 118°F	-4° to 65°F	Y	Y	Y		
22	27	20	10.8	10	15.4	19	25	31	121	3/8	5/8	24.6'	98.4'	49.2'																	
MEGA	ES	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								
		12	12	17	10.5	9.2	7.5	10	15	23	62	1/4	3/8	24.6'	49.2'	22.9'															
		17	19	18	11	9	9.61	12	20	28	78	1/4	1/2	24.6'	65.6'	32.8'								.33	14° to 118°F	14° to 65°F	N	N	N		
		22	22	17	10.8	9	11.52	15	20	28	95	1/4	5/8	24.6'	65.6'	32.8'															
MEGA (115v)	-	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								
		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	Ceiling Cassette (Requires Grille-See Accessories Table ⁹)	ES	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	N	Y	Y	Y							
			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'														
			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	
			24	27	17	12.6	9.7	15.1	18.1	30	46	133	3/8	5/8	25'	164'	98.4'														
	High Static	-	24	27	17	12	10	20.8	24.5	40	55	203	3/8	5/8	25'	246.1'	98.4'	.43	5° to 118°F	0° to 64°F	N	Y	Y	Y							
			36	40	19	13.5	9.5	20.8	24.5	40	55	203	3/8	5/8	25'	246.1'	98.4'														
			42	47	17	10.3	8.6	20.8	24.5	40	55	203	3/8	5/8	25'	246.1'	98.4'														
			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	
36	40	17.6	12.1	9.2	21.4	24.5	40	125	203	3/8	5/8	25'	246.1'	98.4'																	
Low Static	ES	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								
		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	ES	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								
		24	27	18	12.5	10	15.1	20	30	129	129	3/8	5/8	24.6'	164'	98.4'															
		36	40	18	12.5	10	24.2	32	40	165	203	3/8	5/8	24.6'	246'	98.4'								.43	5° to 118°F	-4° to 64°F	Y	Y	Y		
		42	47	17	11.1	10	24.2	32	40	165	203	3/8	5/8	24.6'	246'	98.4'															
		48	56	16.5	10	9.5	24.2	32	40	165	203	3/8	5/8	24.6'	246'	98.4'															
		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	Family	Component	Nominal Capacity	Generation	Cycle	Product Type	Features

Brand: L LG
Family: A
Component: A Art Cool™ Wall-Mounted, C Four-Way Ceiling Cassette, D Ceiling-Concealed Duct (Low Static), H Ceiling-Concealed Duct (High Static), S Standard Wall-Mounted, U Cassette/Duct ODU, V Vertical Air Handling Unit
Generation: 09 9,000, 18 18,000, 30 30,000, 42 42,000
Cycle: H Heat Pump
Product Type: EV Mega Inverter, LV Extended Pipe Inverter, SV Art Cool™ Mirror Inverter High-Efficiency Inverter, V Standard Inverter, VP Art Cool™ Gallery 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	8	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, 15 15,000, 30 30,000, 48 48,000, 09 9,000, 18 18,000, 36 36,000, 54 54,000, 12 12,000, 24 24,000, 42 42,000, 60 60,000
Generation: 0-5-6-7-C
Cycle/Type: HV Inverter Heat Pump, HHV High Heat (LGRES®) 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	9	10.4	208/230	0.2	32	1/4	3/8	
		11.2	13.3		0.2	32	1/4	3/8	
	ART COOL™ Mirror	9	10.4		0.2	24	1/4	3/8	
		12	13.8		0.2	24	1/4	3/8	
	High Efficiency	LAN180HSV4	18		20.8	0.3	32	1/4	1/2
		LMN078HVT	7		8.1	0.2	23	1/4	3/8
		LSN090HSV4	9		10.4	0.2	20	1/4	3/8
		LSN120HSV4	12		13.8	0.2	20	1/4	3/8
		LMN158HVT	14.3		16.5	0.2	23	1/4	3/8
		LSN180HSV4	18		20.8	0.3	31	1/4	1/2
	Ceiling Mounted	4-Way Cassette (PT-UQC/PT-QCHW0 Required)	7		8.1	0.25	31	1/4	3/8
			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		
LDN097HSV4		9	10.4	0.4	39	1/4	3/8		
LDN127HSV4		12	13.8	0.8	51	1/4	3/8		
Ducted	Low Static	18	20.8	0.8	51	1/4	1/2		
		24	27	0.9	80	1/4	1/2		
	High Static	36	40	1.4	91	3/8	5/8		
		18	20	1.1	129	1/4	1/2		
	Vertical AHU	24	27	1.1	129	1/4	1/2		
		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 LGRES® Powerful Heat Technology Indicates LGRES®	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:82'	OD→ID: 49.2'	.22 oz/ft	2/2	14° to 118°F	-4° to 64°F						
			18	22	21	13.5	10															15.3	18.6	25 ⁹	148	1/4"	3/8"
	LMU24CHV	ES ⁴	20	24	21.7	13.5	10.6															12	14.3	20	100	1/4"(X3)	3/8"(X3)
			24	26	21	13.5	10.7															15.7	19	25 ⁹	152	1/4"	3/8"
	LMU30CHV	ES ⁵	30	32	22	13	10															13.9	16.6	25	137	1/4"(X4)	3/8"(X4)
			28.4	28.6	20	12.5	11															16.1	19.4	25 ⁹	152	1/4"	3/8"
			32	36	22	13	10															15.1	17.9	25	137	1/4"(X4)	3/8"(X4)
			36	41	21	15	11.5															25.1	30.2	45	223	3/8"	3/4"
	LMU360HHV	ES ⁴	42	45	20.5	14	11															25.1	30.2	45	223	3/8"	3/4"
			48	54	19.5	12.5	10															23	27.3	40	214	3/8"	3/4"
	LMU480HV	ES ⁵	52.5	58	18.4	10.3	8.7															24.8	29.4	40	214	3/8"	3/4"
			60	64	20.5	11.4	11															27.1	32.2	45	223	3/8"	3/4"
Multi F MAX (LMU480HV, LMU540HV & LMU600HV Only) LGRES® Powerful Heat Technology Indicates LGRES®	-	-	52.5	58	18.4	10.3	8																				