



Residential/Light Commercial Systems Counter Quick Reference Guide

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Single Zone Systems



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



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	
	LMAN097HVP	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	
High Efficiency	LAN180HSV5	18	21.6		0.4	29.8	1/4	1/2	
	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	
	LMCN077HV	7	8.1		0.25	31	1/4	3/8	
4-Way Cassette (PT-UQC/PT-QCHW0 Required)	LCN097HV4	9	11		0.25	31	1/4	3/8	
	LCN127HV4	11.1	14		0.25	31	1/4	3/8	
Ceiling Mounted	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	
	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
Ducted	Low Static	LVN180HV4	18	20	1.1	129	1/4	1/2	
		LVN240HV4	24	27	1.1	129	1/4	1/2	
	High Static	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			
			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:82'	.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'			2/3	14° to 118°F	-4° to 64°F		
	LMU30CHV	ES ⁵	30	32	22	13	10		13.9	16.6	25	137	1/4"(X4)	3/8"(X4)	98.4'	Total:246.1'			OD→ID:82'			2/4	
	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	15.3	18.6	25°	148	1/4"	3/8"	49.2'			Total:164'	OD→ID:82'	.22 oz/ft	2/2	14° to 118°F
LMU240HHV		24		26	21	13.5	10.7		15.7	19	25°	152	1/4"	3/8"	73.8'	Total:246.1'			2/3			14° to 118°F	-4° to 64°F
LMU300HHV		28.4		28.6	20	12.5	11		16.1	19.4	25°	152	1/4"	3/8"	98.4'	Total:246.1'			2/4				
LMU360HHV		36		41	21	15	11.5		25.1	30.2	45	223	3/8"	3/4"	49.2'	Total:475.7'			OD→ID:98.4'			Main: 54oz/ft	2/5
LMU420HHV	42	45	20.5	14	11	25.1	30.2		45	223	3/8"	3/4"	49.2'	Branch:295.3'	Main: 22 oz/ft	2/6							
Multi F MAX	LMU480HV	ES ⁵	48	54	19.5	12.5	10		23	27.3	40	214	3/8"	3/4"					49.2'	OD→ID:98.4'	Main: 54oz/ft	2/8	14° to 118°F
	LMU540HV	-	52.5	58	18.4	10.3	8.7		24.8	29.4	40	214	3/8"	3/4"	49.2'	BD→ID:180.4'			Branch: 131.2'				
	LMU600HV	-	60	64	20.5	11.4	11		27.1	32.2	45	223	3/8"	3/4"	49.2'	BD→ID:49.2'							

Accessories

Accessory Type	Model	Description	Voltage IDU	Rated Amps	Weight (lbs)	Pipe Connection Size		Operation Range
						Liquid	Suction	
Multi F MAX Piping Accessories (BD Unit is required for all Multi F MAX systems)	PMBD3620	Distribution Box (2 Ports)	208/230	0.08	13	in 3/8"	in 3/4"	0° to 150° F
	PMBD3630	Distribution Box (3 Ports)				out 1/4" (X2)	out 3/8" (X2)	
	PMBD3640	Distribution Box (4 Ports)				in 3/8"	in 3/4"	
	PMBD3641	Distribution Box (4 Ports with one sized for 36K IDU)				out 1/4" (X3)	out 3/8" (X3)	
	PMBL5620	Y Branch Connector				in 3/8"	in 3/4"	

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										
			Liquid	Suction									Cooling	Heating																
Multi F MAX Piping Accessories (BD Unit is required for all Multi F MAX systems)	PMBD3620	208/230	0.08	13	0.08	13	9.7	11.1	13.3	20	100	1/4"(X2)	3/8"(X2)	49.2'	Total:164'	OD→ID:82'	.22 oz/ft	2/2	14° to 118°F	-4° to 64°F										
	PMBD3630																				14.3	20	100	1/4"(X3)	3/8"(X3)	73.8'	Total:246.1'	OD→ID:82'	2/3	
	PMBD3640																													15.1
	PMBD3641																				15.3	18.6	25°	148	1/4"	3/8"	49.2'	Total:164'	OD→ID:82'	
	PMBL5620																													15.7

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: (indicated in table on left as "-")
N Indoor Unit
U Outdoor Unit

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

Generation: 0-8
Cycle: H Heat Pump

Product Type:
EV Mega Inverter
LV Extended Pipe Inverter
SV Art Cool™ Mirror Inverter
High-Efficiency Inverter

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	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: 0-5-6-7-8-9-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

Notice: Due to our continued commitment to innovation, some specifications may be changed without notification.