



Home Comfort Solutions/Light Commercial Systems Counter Quick Reference Guide

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Single-Zone Systems



Art Cool™ Premier



Art Cool™ Gallery



Art Cool™ Mirror



Standard Wall Mounted



Wall Mounted Extended Piping



Mega



Ceiling Cassette



High Static Ducted



Low Static Ducted



Vertical AHU



ES = ENERGY STAR

ES-ME = ENERGY STAR

Most Efficient 2016

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	Operation Range		Smart AC ³	PI-485 ³	Wired Controller ³	LAK ¹
			Cool	Heat								IDU	ODU	Liquid	Suction					Cooling	Heating				
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 oz/ft	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										
	LA-180HYV1		18.2	22	24	13.5	12.5		15.3	19	25	34	122	3/8	5/8										
	LA-240HYV1		22	27	22	12.5	12		8.1	10	15	31	78	1/4	3/8										
ART COOL™ GALLERY	LA-090HVP	-	9	10.8	16	12.5	8.2	208/230	8.1	10	15	31	78	1/4	3/8	24.6'	49.2'	22.9'	.22 oz/ft	14° to 118°F	14° to 65°F	N	N	Y	Y
	LA-120HVP		11.2	13.3	16	12	8.2		8.7	10	15	24	75	1/4	3/8										
ART COOL™ MIRROR	LA-090HSV4	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 oz/ft	14° to 118°F	-4° to 65°F	N	Y	Y	Y
	LA-120HSV4		11.2	13.3	21.5	12.5	11		8.7	10	15	24	75	1/4	3/8										
	LA-180HSV4	ES	18.2	22	20.5	12.6	9.7		15.4	19	25	32	121	3/8	5/8										
	LA-240HSV3	-	22	27.6	20	10.8	10		15.4	19	25	32	121	3/8	5/8										
STANDARD WALL MOUNTED	LS-090HSV4	ES-ME	9	10.8	21.5	13.3	10.8	208/230	8.7	10	15	20	75	1/4	3/8	41'	65.6'	32.8'	.22 oz/ft	14° to 118°F	-4° to 65°F	Y	Y	Y	Y
	LS-120HSV4		11.2	13.3	21.5	12.5	11		8.7	10	15	20	75	1/4	3/8										
	LS-180HSV4	ES	18.2	22	20.5	12.6	9.7		15.4	19	25	31	121	3/8	5/8										
	LS-240HSV3	-	22	27.6	20	12.5	10.2		15.4	19	25	36	128	3/8	5/8										
	LS-307HV3	-	30	32	18	10	9.5		15.4	19	25	36	128	3/8	5/8										
	LS-360HV3	-	33	35.2	16.1	8.2	9.9		15.4	19	25	36	128	3/8	5/8										
WALL MOUNTED EXTENDED PIPING	LS-240HLV	ES-ME	22	27	21.5	12.5	11	208/230	17.6	23	35	40	125	3/8	5/8	24.6'	164'	98.4'	.38 oz/ft	14° to 118°F	-4° to 65°F	N	Y	Y	Y
	LS-300HLV		30	32	18.5	10	10		17.6	23	35	40	125	3/8	5/8										
	LS-360HLV	-	33	35.2	16.5	8.2	10		17.6	23	35	40	125	3/8	5/8										
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 oz/ft	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										
	LS-180HEV1	-	17	19	18	11	9		9.61	12	20	28	78	1/4	1/2										
	LS-240HEV1	-	22	22	17	10.8	9		11.52	15	20	28	95	1/4	5/8										
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 oz/ft	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										
CEILING CASSETTE (Requires Grille-See Accessories Table ⁷)	LC-097HV4 ⁵	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 oz/ft	0° to 118°F	-4° to 64°F	N	Y	Y	Y
	LC-127HV4 ⁵		11.1	14	19.4	12.6	10.4		10.1	12.3	15	31	82	1/4	3/8										
	LC-187HV		18	20	20	15	10.1		14.7	18.1	30	46	133	3/8	5/8										
	LC-247HV		24	27	17	12.6	9.7		15.1	18.1	30	46	133	3/8	5/8										
	LC-367HV		36	40	19	13.5	9.5		20.8	24.5	40	55	203	3/8	5/8										
HIGH STATIC 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 oz/ft	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										
LOW STATIC DUCTED	LD-097HV4 ⁵	ES	9	14	18.5	12.7	10.3	208/230	9.65	11.9	15	39	82	1/4	3/8	24.6'	65.6'	49.2'	.22 oz/ft	0° to 118°F	-4° to 64°F	N	Y	Y	Y
	LD-127HV4 ⁵		11.6	16	19.6	12.9	10.5		10.1	12.3	15	51	82	1/4	3/8										

Multi-Zone Systems – Indoor Units

Unit Type	Model	kBtu/h		Voltage	Rated Amps	Weight (lbs)	Pipe Size (in)	
		Cool	Heat				Liquid	Suction
STANDARD WALL MOUNTED	LMN078HVT	7	8.1	208/230	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
	LMN248HVT	24	27		0.3	31	1/4	1/2
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	LAN090HSV4	9	10.4	0.2	24	1/4	3/8	
	LAN120HSV4	12	13.8	0.2	24	1/4	3/8	
LOW STATIC DUCTED	LAN180HSV4	18	20.8	0.3	32	1/4	1/2	
	LMDN096HV	9	10.4	0.4	39	1/4	3/8	
HIGH STATIC DUCTED	LMDN126HV	12	13.8	0.8	51	1/4	3/8	
	LMDN186HV	18	20.8	0.8	51	1/4	1/2	
VERTICAL AHU	LMHN240HV	24	27	0.9	80	1/4	1/2	
	LMHN360HV	36	40	1.4	91	3/8	5/8	
CEILING CASSETTE (PT-UQC/PT-QCHWO Required)	LMVN240HV	24	27	0.59	117	1/4	1/2	
	LMVN360HV	36	40	1.12	121	3/8	5/8	
ART COOL™ PREMIER	LMCN077HV	7	8.1	0.25	31	1/4	3/8	
	LMCN097HV	9	10.4	0.25	31	1/4	3/8	
	LMCN125HV	12	13.8	0.25	31	1/4	3/8	
	LMCN185HV	18	20.8	0.25	34	1/4	1/2	

Multi-Zone Systems – Outdoor Units

Unit Type	Model	ENERGY STAR®	kBtu/h		SEER ⁴	EER ⁴	HSPF ⁴	Voltage	Rated Amps	MCA	MOP	Weight (lbs)	Pipe Connection		Pre Charge	Max Pipe Length	Max Elevation	Trim Charge	Min/Max IDUs	Operation Range		LAK ¹
			Cool	Heat									Liquid	Suction						Cooling	Heating	
MULTI-F OUTDOOR	LMU18CHV	ES ⁴	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	Y
	LMU24CHV	ES ²	20	24	21.7	13.5	10.6		12	14.3	20	100	1/4" (X3)	3/8" (X3)								
	LMU30CHV	ES ⁴	30	32	22	13	10		13.9	16.6	25	137	1/4" (X4)	3/8" (X4)								
	LMU36CHV	ES ⁴	32	36	22	13	10		15.1	17.9	25	137	1/4" (X4)	3/8" (X4)								
MULTI-F MAX OUTDOOR (Requires BD Unit)	LMU480HV	ES ⁴	48	54	19.5	12.5	10	208/230	23	27.3	40	214	3/8"	3/4"	Main: 16.4' Branch: 131.2'	Total:475.7' Branch:295.3' OD-BD:180.4' BD-ID:49.2' OD-ID:229.6'	OD-ID:98.4' ID-ID:49.2' BD-ID:32.8' BD-BD:49.2'	Main: .54oz/ft Branch: .22oz/ft	2/8	14° to 118°F	-4° to 64°F	Y
	LMU540HV	-	52.5	58	18.4	10.3	8.7		24.8	29.4	40	214	3/8"	3/4"								
	LMU600HV	-	60	64	20.5	11.4	11		27.1	32.2	45	223	3/8"	3/4"								

Accessory Type	Model	Description	Voltage IDU	Rated Amps	Weight (lbs)	Pipe Connection Size		Operation Range
						Liquid	Suction	
MULTI-F MAX PIPING ACCESSORIES (LMU480HV, LMU540HV & LMU600HV Only)	PMBD3620	Distribution Box (2 Ports)	208/230	0.08	13	in 3/8"	in 3/4"	0° to 150°F
						out 1/4" (X2)	out 3/8" (X2)	
	PMBD3630	Distribution Box (3 Ports)				in 3/8"	in 3/4"	
						out 1/4" (X3)	out 3/8" (X3)	
	PMBD3640	Distribution Box (4 Ports)				in 3/8"	in 3/4"	
		out 1/4" (X4)	out 3/8" (X4)					
PMBD3641	Distribution Box (4 Ports with one sized for 36KIDU)	in 3/8" out 1/4" (X3) + 3/8" (X1)	in 3/4" out 3/8" (X3) + 5/8" (X1)					
PMBL5620	Y Branch Connector							

How to Read LG Model Numbers

SINGLE-ZONE SYSTEMS – INDOOR/OUTDOOR

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

Brand: L LG
 Family:
 A Art Cool™ Wall-Mounted