



Home Comfort Solutions/Light Commercial Systems Counter Quick Reference Guide

Single-Zone Systems

For additional detail visit www.lg-dfs.com.

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 ³	PI-485 ³	Wired Controller ³	LAK ¹						
			Cool	Heat								IDU	ODU	Liquid	Suction					Cooling	Heating										
Wall Mounted	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	14 ° to 118 °F	14 ° to 65 °F	N	N	Y	Y					
			LA-120HVP	-	11.2	13.3	16	12					8.2	31	78	1/4	3/8	24.6'	49.2'		22.9'										
	ART COOL™ Mirror	LA-090HSV4	ES-ME	-	9	10.8	21.5	13.3					10.8	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
				LA-120HSV4	-	11.2	13.3	21.5					12.5	11	24	75	1/4	3/8	41'		65.6'	32.8'									
				LA-180HSV4	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'					
	ART COOL™ Premier	LA-090HVP	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	N			Y
				LA-120HVP	-	11	12	25.5					13.8	12	8.7	11.2	15	24	77		1/4	3/8	41'	65.6'		32.8'					
				LA-150HVP	-	15	18	24					13.5	12.5	15	19	25	34	122		3/8	5/8	24.6'	98.4'		65.6'					
				LA-180HVP	ES-ME	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-240HVP	-	22	27	22					12.5	12	15	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	14.85	19	25	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	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	40	125	3/8	5/8	24.6'	164'	98.4'												
High Efficiency	LS-090HSV4	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						
			LS-120HSV4	-	11.2	13.3	21.5	12.5	11	8.7	10	15	20	75	1/4	3/8	41'	65.6'		32.8'											
			LS-180HSV4	ES	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'											
MEGA	LS-090HEV1	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						
			LS-180HEV1	-	12	12	17	10.5	9.2	7.5	10	15	23	62	1/4	3/8	24.6'	49.2'		22.9'											
			LS-240HEV1	-	17	19	18	11	9	9.61	12	20	28	78	1/4	1/2	24.6'	65.6'		32.8'											
MEGA (115v)	LS-090HXV	-	-	8.5	10.9	17	12	9	11.52	15	20	28	95	1/4	5/8	24.6'	65.6'	32.8'	.33	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	Ceiling Cassette (Requires Grille- See Accessories Table ⁶)	LC-097HV4	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									
				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'										
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'										
				LD-097HV4	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'										
				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'										



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



ES =



ES-ME =

Multi-Zone Systems – Indoor Units

Unit Type	Model	kBtu/h		Voltage	Rated Amps	Weight (lbs)	Pipe Size (in)		
		Cool	Heat				Liquid	Suction	
Wall Mounted	High Efficiency	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™ Mirror	LAN090HSV4	9	10.4		0.2	24	1/4	3/8
		LAN120HSV4	12	13.8		0.2	24	1/4	3/8
		LAN180HSV4	18	20.8		0.3	32	1/4	1/2
	ART COOL™ Gallery	LMA097HVP	9	10.4		0.2	32	1/4	3/8
		LMA127HVP	11.2	13.3		0.2	32	1/4	3/8
	Ceiling Mounted	4-Way Cassette (PT-UQC/PT-QCHWO Required)	LMCN077HV	7		8.1	0.25	31	1/4
		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	Low Static	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	
		LMVN240HV	24	27	0.59	117	1/4	1/2	
Vertical AHU	LMVN360HV	36	40	1.12	121	3/8	5/8		

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	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)	73.8'							
	LMU30CHV	ES ⁴	30	32	22	13	10		13.9	16.6	25	137	1/4" (X4)	3/8" (X4)	98.4'							
	LMU36CHV	ES ⁴	32	36	22	13	10		15.1	17.9	25	137	1/4" (X4)	3/8" (X4)	98.4'							
	LMU480HV	ES ⁴	48	54	19.5	12.5	10		23	27.3	40	214	3/8"	3/4"	Main: 16.4' Branch: 131.2'							
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" out 1/4" (X2)	in 3/4" out 3/8" (X2)	0 ° to 150 °F
	PMBD3630	Distribution Box (3 Ports)		0.12	14.3	in 3/8" out 1/4" (X3)	in 3/4" out 3/8" (X3)	
	PMBD3640	Distribution Box (4 Ports)		0.16	15.7	in 3/8" out 1/4" (X4)	in 3/4" out 3/8" (X4)	
	PMBD3641	Distribution Box (4 Ports with one sized for 36K IDU)		0.16	15.7	in 3/8" out 1/4" (X3) + 3/8" (X1)	in 3/4" out 3/8" (X3) + 5/8" (X1)	
	PMBL5620	Y Branch Connector		-	-	-	-	

Accessories

Part Number	Description
PCRCUdT3	Smart AC
PREMTBVC1	LG MultiSITE™ Remote Controller (CRC1 +)
PREMTBVC0	LG MultiSITE™ Remote Controller (CRC1)
PREMTA000	Premium Controller
PREMTB10U	Programmable Controller
PDRYCB300	Dry Contact for Thermostat
PT-UMC1	4-Way Cassette Standard 3x3 Grille
PT-UMC1B	4-Way Cassette Black 3x3 Grille
PT-UQC	4-Way Cassette Standard 2x2 Grille
PT-QCHWO	4-Way Cassette True 2x2 Grille
PQSH1200	Base Pan Heater—Multi-F
PQSH1201	Base Pan Heater—LSU180HSV4 & LAU240HSV3
ZLABG**A	Low Ambient Kit

** can be 01-04 depending on the ODU, see product documents for compatibility details