



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-ME=

Home Comfort Solutions/Light Commercial Systems Counter Quick Reference Guide

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

Single-Zone Systems

System	Model	ENERGY STAR®	Btu/h (000)		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 AC³	PI-485³	Wired Controller³	LAK¹		
			Cool	Heat								IDU	ODU	Liquid	Suction					Cooling	Heating						
ART COOL™ PREMIER	LA-090HYV1	ES	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			-13° to 65° F	Y	N		N	
	LA-120HYV1		11	12	25.5	13.8	12		8.7	11.2	15	24	77	1/4	3/8	41'	65.6'										
ART COOL™ GALLERY	LA-090HVP		9	10.8	16	12.5	8.2		8.1	10	15	31	78	1/4	3/8	24.6'	49.2'	22.9'				14° to 65° F					
	LA-120HVP		11.2	13.3	16	12	8.2		8.1	10	15	31	78	1/4	3/8	24.6'	49.2'										
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'				-4° to 65° F	N		Y	Y	
	LA-120HSV4		11.2	13.3	21.5	12.5	11		8.7	10	15	24	75	1/4	3/8	41'	65.6'										
	LA-180HSV4	-	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'				5° to 65° F					
	LA-240HSV2		22	27.6	20	10.8	10		17	19	30	38	133	3/8	5/8	24.6'	98.4'										
STANDARD WALL MOUNTED	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 oz/ft				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'										
	LS-180HSV4		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'									-4° to 65° F
	LS-240HSV3		22	27.6	20	12.5	10.2		15.4	19	25	36	128	3/8	5/8	24.6'	98.4'										
	LS-307HV3	-	30	32	18	10	9.5		15.4	19	25	36	128	3/8	5/8	24.6'	98.4'	.38 oz/ft									
	LS-360HV3		33	35.2	16.1	8.2	9.9		15.4	19	25	36	128	3/8	5/8	24.6'	98.4'										
WALL MOUNTED Extended Piping	LS-240HLV	ES-ME	22	27	21.5	12.5	11		17.6	23	35	40	125	3/8	5/8	24.6'	164'	98.4'									
	LS-300HLV	-	30	32	18.5	10	10		17.6	23	35	40	125	3/8	5/8	24.6'	164'										
	LS-360HLV		33	35.2	16.5	8.2	10		17.6	23	35	40	125	3/8	5/8	24.6'	164'										
MEGA	LS-090HEV1	ES	8.5	9	19	12.5	9	115	7.5	10	15	17	62	1/4	3/8	24.6'	49.2'	22.9'	.22 oz/ft				N		N		
	LS-120HEV1	-	12	12	17	10.5	9.2		7.5	10	15	23	62	1/4	3/8	24.6'	49.2'										
	LS-180HEV1		17	19	18	11	9		9.61	12	20	28	78	1/4	1/2	24.6'	65.6'	32.8'									14° to 65° F
	LS-240HEV1		22	22	17	10.8	9		11.52	15	20	28	95	1/4	5/8	24.6'	65.6'										
MEGA (115v)	LS-090HXV	ES	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 oz/ft				N			N	
	LS-120HXV	-	12	13	17	10.5	9		10.4	13.5	20	23	67	1/4	3/8	24.6'	49.2'										
CEILING CASSETTE (PT-UMC1 Required)	LC-187HV	ES	18	20	20	15	10.1		208/230	14.7	18.1	30	46	133	3/8	5/8	25'	164'	98.4'	.43 oz/ft	5° to 118° F	0° to 64° F		Y	Y	Y	N
	LC-247HV		24	27	17	12.6	9.7			15.1	18.1	30	46	133	3/8	5/8	25'	164'									
	LC-367HV	-	36	40	19	13.5	9.5			20.8	24.5	40	55	203	3/8	5/8	25'	246.1'									
	LC-427HV		42	47	17	10.3	8.6			20.8	24.5	40	55	203	3/8	5/8	25'	246.1'									
HIGH STATIC DUCTED	LH-247HV	ES	24	27	17	12	10			15.1	18.1	30	73	133	3/8	5/8	25'	164'									
	LH-367HV		36	40	17.6	12.1	9.2			21.4	24.5	40	125	203	3/8	5/8	25'	246.1'									

Multi-Zone Systems – Indoor Units

Unit Type	Model	Btu/h (000)		Voltage	Rated Amps	Weight (lbs)	Pipe Size (in)		Wired Controller ³
		Cool	Heat				Liquid	Suction	
STANDARD WALL MOUNTED	LMN078HVT	7	8.1	208/230	0.2	20	1/4	3/8	Y
	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	20	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	
	LAN180HSV4	18	20.8		0.3	32	1/4	1/2	
LOW STATIC DUCTED	LMDN096HV	9	10.4		0.4	39	1/4	3/8	
	LMDN126HV	12	13.8		0.8	51	1/4	3/8	
	LMDN186HV	18	20.8		0.8	51	1/4	1/2	
HIGH STATIC DUCTED	LMHN240HV	24	27		0.9	80	1/4	1/2	
	LMHN360HV	36	40		1.4	91	3/8	5/8	
VERTICAL AHU	LMVN240HV	24	27		0.59	117	1/4	1/2	
	LMVN360HV	36	40		1.12	121	3/8	5/8	
CEILING CASSETTE (PT-UQC Required)	LMCN077HV	7	8.1	0.25	31	1/4	3/8		
	LMCN097HV	9	10.4		31				
	LMCN125HV	12	13.8		31				
	LMCN185HV	18	20.8		34		1/2		

Multi-Zone Systems – Outdoor Units

Unit Type	Model	ENERGY STAR®	Btu/h (000)		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		PI-485 ³
			Cool	Heat									Liquid	Suction						Cooling	Heating	
MULTI-F OUTDOOR	LMU18CHV ⁴	ES ²	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 ⁴		20	24	21.7	13.5	10.6		12	14.3	20	100	1/4" (X3)	3/8" (X3)	73.8'				2/3			
	LMU30CHV ⁴	ES ²	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'	ID→ID: 24.6'		2/4			
	LMU36CHV ⁴	ES ²	32	36	22	13	10		15.1	17.9	25	137	1/4" (X4)	3/8" (X4)		2/4						
MULTI-F MAX OUTDOOR (Requires BD Unit)	LMU480HV ⁴	ES ⁴	48	54	19.5	12.5	10		23	27.3	40	214	3/8"	3/4"	Main: 16.4' Branch: 131.2'	Total:475.7' OD→ID:229.6'	OD→ID: 98.4' ID→ID: 49.2'	Main: 54oz/ft Branch: 22 oz/ft	2/8			
	LMU540HV ⁴	–	52.5	58	18.4	10.3	8.7		24.8	29.4									2/8			