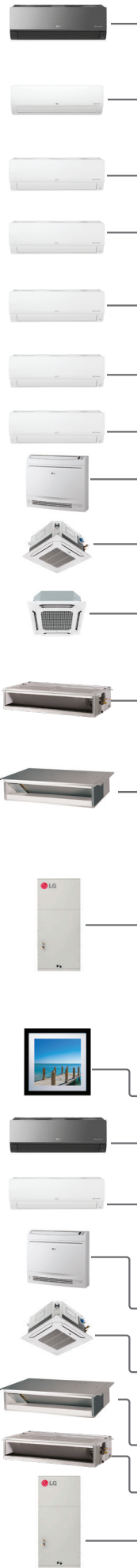




LG

RESIDENTIAL & LIGHT COMMERCIAL SYSTEMS QUICK REFERENCE GUIDE



SINGLE ZONE SYSTEMS

System		Model	LGRED [®] heat	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		LG ThinQ	PL-485 ²	Wired Controller ²	LAK ³				
					Cool	Heat								IDU	ODU	Liquid	Suction					Cooling	Heating								
Wall Mounted	Art Cool™ Mirror LG ThinQ [®]	LA090HSV5	N	Y	9	10.9	23.5	14.52	11.3	208/230	7.8	10	15	21	75	1/4	3/8	41'	82'	49.2'	.22	14°F ~ 118°F	-4°F ~ 65°F	Y	Y	Y	0°F				
		LA120HSV5			12	13.6	22.7	12.5	11.4		7.8	10	15	21	75	1/4	3/8	41'	82'	49.2'	.38										
		LA180HSV5			18	21.6	21.5	12.58	10.2		10.25	13	20	30	117	3/8	5/8	24.6'	114.8'	49.2'	.38										
	Art Cool™ Premier LGRED [®] LG ThinQ [®]	LA090HYV3	Y		9	11	27.5	15.79	13.5		9.1	11.2	15	25	94	1/4	3/8	24.6'	65.6'	39.4'	.22	14°F ~ 118°F	-13°F ~ 65°F	Y	Y	Y	0°F				
		LA120HYV3			12	13.6	25.5	13.79	12.5		9.1	11.2	15	25	94	1/4	3/8	24.6'	65.6'	39.4'	.22										
		LA150HYV3			15	18	25	15	13.5		15.31	19	30	38	135	3/8	5/8	24.6'	164'	98.4'	.38										
		LA180HYV3			18	21.6	24	14.4	13		15.31	19	30	38	135	3/8	5/8	24.6'	164'	98.4'	.38										
		LA240HYV3			22	26	22.5	13	12.5		15.31	19	30	38	135	3/8	5/8	24.6'	164'	98.4'	.38										
		LS243HLV3			22	26	21.5	13	12		15.31	19	30	37	135	3/8	5/8	24.6'	164'	98.4'	.38										
	Extended Piping LG ThinQ [®]	LS303HLV3	N		30	32.4	20	11.3	11.5		15.85	23	30	41	148	3/8	5/8	24.6'	164'	98.4'	.38	14°F ~ 118°F	-4°F ~ 65°F	Y	Y	Y	0°F				
		LS363HLV3			33	35.2	18.5	10	11		15.85	23	30	41	148	3/8	5/8	24.6'	164'	98.4'	.38										
	High Efficiency LG ThinQ [®]	LS090HSV5	Y		9	10.9	23.5	14.52	11.3		7.8	10	15	19	75	1/4	3/8	41'	82'	49.2'	.22	14°F ~ 118°F	-4°F ~ 65°F	Y	Y	Y	0°F				
		LS120HSV5			12	13.6	22.7	12.5	11.4		7.8	10	15	19	75	1/4	3/8	41'	82'	49.2'	.38										
		LS180HSV5			18	21.6	21.5	12.58	10.2		10.25	13	20	27	117	3/8	5/8	24.6'	114.8'	49.2'	.38										
	Standard Efficiency	LS090HFV3	N		9	10.9	17	10.98			7.8	10	15	19	55	1/4	3/8	24.6'	49.2'	23'	.22	14°F ~ 118°F	14°F ~ 65°F	N	N	Y	N				
		LS120HFV3			12	12	17	9.60			7.8	10	15	19	55	1/4	3/8	24.6'	49.2'	23'	.22										
		LS180HFV3			18	19	17	10.91			10.8	15	20	26	98	1/4	1/2	24.6'	65.6'	32.8'	.26										
		LS240HFV3			22	22	17	10.0			10.8	15	20	26	98	1/4	1/2	24.6'	65.6'	32.8'	.26										
	MEGA 208/230V	LS090HEV2	Y		9	10.9	20	12.5	10		7.8	10	15	19	55	1/4	3/8	24.6'	49.2'	23.0'	.22	14°F ~ 118°F	14°F ~ 65°F	N	N	Y	N				
		LS120HEV2			12	12	19	10.5	9.5	7.8	10	15	19	55	1/4	3/8	24.6'	49.2'	23.0'	.22											
		LS180HEV2			18	19	19	12	10	10.8	15	20	26	98	1/4	1/2	24.6'	65.6'	32.8'	.26											
	MEGA 115v	LS240HEV2	N		22	22	19	11.0	9.5	10.8	15	20	26	98	1/4	1/2	24.6'	65.6'	32.8'	.26											
		LS090HXV2			9	10.9	20	12	10	11.8	15	25	19	58	1/4	3/8	24.6'	49.2'	22.9'	.22	14°F ~ 118°F	14°F ~ 65°F	N	N	Y	N					
	Console LG ThinQ [®]	LS120HXV2	Y		12	12	19	10.5	9.5	11.8	15	25	19	58	1/4	3/8	24.6'	49.2'	22.9'	.22											
		LQ090HV4			9	10.1	21	12.6	10.4	9.95	11.9	15	36	75	1/4	3/8	24.6'	66'	49'	.22	0°F ~ 118°F	-4°F ~ 64°F	Y	Y	Y	-4°F					
	Ceiling Mounted (Requires Giller [®])	4-Way Cassette (2x2) LGRED [®] LG ThinQ [®]	LQ120HV4		Y	10.2	13	20.8	12.6	10.2	9.95	12.3	15	36	75	1/4	3/8	24.6'	66'	49'	.22	0°F ~ 118°F	-4°F ~ 64°F	Y	Y	Y	-4°F				
			LC098HV4			9	11	20.2	13.7	10.5	9.65	11.9	15	31	75	1/4	3/8	24.6'	65.6'	49.2'	.43							0°F ~ 118°F	-4°F ~ 64°F	Y	Y
LC128HV4			11.1	14		19.4	12.6	10.4	10.1	12.3	15	31	75	1/4	3/8	24.6'	65.6'	49.2'	.43	5°F ~ 118°F											
LC188HV4			18	18.5		20.5	12.5	10	15.35	20	30	32	128	3/8	5/8	24.6'	164'	98.4'	.43												
4-Way Cassette (3x3) LGRED [®] LG ThinQ [®]		LC188HHV4	Y	N	18	20	20	12.8	11.2	16.7	22	30	32	133	3/8	5/8	24.9"	164'	98.4'	.43	5°F ~ 118°F	-13°F ~ 64°F	Y	Y	Y	-4°F					
		LC249HHV		24	27	21	12.6	10.2	16.7	22	30	45	133	3/8	5/8	24.9"	164'	98.4'	.43												
		LC369HHV		36	40	21.5	12.6	11	26.2	32	40	56	199	3/8	5/8	24.9"	246'	98.4'	.43												
		LC429HHV		42	48	19.5	12.8	11.6	26.5	32	40	60	211	3/8	5/8	24.9"	246'	98.4'	.43												
High Static LGRED [®] LG ThinQ [®]		LC489HHV	N	48	52	17.5	12.5	11.7	26.5	32	40	60	211	3/8	5/8	24.9"	246'	98.4'	.43	5°F ~ 118°F	-13°F ~ 64°F	Y	Y	Y	-4°F						
		LH248HV4		24	27	19	12	10.5	16.7	20	30	59	130	3/8	5/8	24.6'	164'	98.4'	.43												
		LH368HV4		36	40	19	12.1	9.7	27.5	32	40	85	199	3/8	5/8	24.6'	246'	98.4'	.43												
		LH248HHV4		23	27	18.2	12.5	10.8	17.7	22	30	59	134	3/8	5/8	24.9"	164'	98.4'	.43												
Low Static LGRED [®] LG ThinQ [®]		LH368HHV4	Y	N	36	40	19	12.5	10.2	27.5	32	40	85	199	3/8	5/8	24.9"	246'	98.4'	.43	5°F ~ 118°F	-13°F ~ 64°F	Y	Y	Y	-4°F					
		LH428HHV		42	48	19	12.5	10.9	26.5	32	40	96	211	3/8	5/8	24.9"	246'	98.4'	.43												
		LH488HHV		46	50	18.7	12.5	11.2	26.5	32	40	96	211	3/8	5/8	24.9"	246'	98.4'	.43												
		LD097HV4		9	14	18.5	12.7	10.3	9.65	11.9	15	39	75	1/4	3/8	24.6'	65.6'	49.2'	.22	0°F ~ 118°F							-4°F ~ 64°F	Y	Y	Y	-4°F
Vertical AHU LGRED [®] LG ThinQ [®]		LD127HV4	N	11.6	16	19.6	12.9	10.5	10.1	12.3	15	51	75	1/4	3/8	24.6'	65.6'	49.2'	.22	5°F ~ 118°F	-13°F ~ 64°F	Y	Y	Y	-4°F						
		LD187HV4		18	20	18	11.5	10	15.9	20	30	49	128	3/8	5/8	24.6'	164'	98.4'	.43												
		LD187HHV4	Y	N	18	20	18.8	12.5	10	16.9	22	30	49	133	3/8	5/8	24.9"	164'	98.4'	.43	5°F ~ 118°F	-13°F ~ 64°F	Y	Y	Y	-4°F					
		LV181HV4		18	20	19.2	13.3	10.4	16.2	20	30	124	129	3/8	5/8	24.6'	164'	98.4'	.43												
		LV241HV4	N	24	27	19.5	12	11	16.2	20	30	124	130	3/8	5/8	24.6'	164'	98.4'	.43	5°F ~ 118°F	-13°F ~ 64°F	Y	Y	Y	-4°F						
		LV361HV4		36	40	18	11	10	26.3	32	40	129	199	3/8	5/8	24.6'	246'	98.4'	.43												
	LV420HV	42		47	17	11.1	10	24.2	32	40	165	203	3/8	5/8	24.6'	246'	98.4'	.43													
	LV480HV	48		56	16.5	10	9.5	24.2	32	40	165	203	3/8	5/8	24.6'	246'	98.4'	.43													
	LGRED [®] LG ThinQ [®]	LV181HHV4	Y	N	18	20	19.2	13.6	10.4	17.2	22	30	117	133	3/8	5/8	24.9"	164'	98.4'	.43	5°F ~ 118°F	-13°F ~ 64°F	Y	Y	Y	-4°F					
		LV241HHV4		24	27	19.5	12.7	11	17.2	22	30	117	133	3/8	5/8	24.9"	164'	98.4'	.43												
LV361HHV4		33		37.5	17.8	12.5	10.7	26.3	32	40	122	199	3/8	5/8	24.9"	246'	98.4'	.43													
LV420HHV		42		48	19.6	12.5	11	27.4	32	40	159	211	3/8	5/8	24.9"	246'	98.4'	.43													
LV480HHV	46	50	19	12.5	10.5	27.4	32	40	159	211	3/8	5/8	24.9"	246'	98.4'	.43															