



Residential/Light Commercial Systems Counter Quick Reference Guide

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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



Single Zone Systems

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 ThinQ ²	PI-485 ²	Wired Controller ²	LAK ³
			Cool	Heat								IDU	ODU	Liquid	Suction					Cooling	Heating				
Wall Mounted	Art Cool™ Mirror	ES-ME	9	10.9	23.5	14.52	11.3	208/230	7.4	10	15	21	75	1/4	3/8	41'	82'	49.2'	.22	14° to 118°F	-4° to 65°F	Built In	Y	Y	Y
			12	13.6	22.7	12.5	11.4		7.4	10	15	21	75	1/4	3/8	41'	82'	49.2'							
			18	21.6	21.5	12.58	10.2		9.85	13	20	30	117	3/8	5/8	24.6'	114.8'	49.2'							
			22	27.6	20	10.8	10		15.4	19	25	32	121	3/8	5/8	24.6'	98.4'	49.2'							
	Art Cool™ Premier	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	Y	N	Y	Y
			11	12	25.5	13.8	12		8.7	11.2	15	24	77	1/4	3/8	41'	65.6'	32.8'							
			15	18	24	13.5	12.5		15	19	25	34	122	3/8	5/8	24.6'	98.4'	65.6'							
			18.2	22	22	12.5	12		15	19	25	34	122	3/8	5/8	24.6'	98.4'	65.6'							
	LGRED®	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'	.38	14° to 118°F	-13° to 65°F	Y	Y	Y	
			22	27	22	12.5	12		15.3	19	25	34	122	3/8	5/8	24.6'	98.4'	65.6'							
			22	27	22	12.5	12		14.85	19	25	40	125	3/8	5/8	24.6'	164'	98.4'							
			30	32	18.5	10	10		14.85	19	25	40	125	3/8	5/8	24.6'	164'	98.4'							
Extended Piping	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		
		33	35.2	16.5	8.2	10	14.85	19	25	40	125	3/8	5/8	24.6'	164'	98.4'									
		9	10.9	23.5	14.52	11.3	7.4	10	15	19	75	1/4	3/8	41'	82'	49.2'									
		12	13.6	22.7	12.5	11.4	9.85	13	20	27	117	3/8	5/8	24.6'	114.8'	49.2'									
High Efficiency	ES-ME	18	21.6	21.5	12.58	10.2	7.5	10	15	17	62	1/4	3/8	24.6'	49.2'	22.9'	.22	14° to 118°F	-4° to 65°F	Built In	Y	Y	Y		
		8.5	9	19	12.5	9	7.5	10	15	23	62	1/4	3/8	24.6'	49.2'	22.9'									
		12	12	17	10.5	9.2	9.61	12	20	28	78	1/4	1/2	24.6'	65.6'	32.8'									
		17	19	18	11	9	11.52	15	20	28	95	1/4	5/8	24.6'	65.6'	32.8'									
MEGA	ES	8.5	9	19	12.5	9	10.4	13.5	20	23	67	1/4	3/8	24.6'	49.2'	22.9'	.22	14° to 118°F	14° to 65°F	N	N	N	N		
		12	12	17	10.5	9.2	10.4	13.5	20	23	67	1/4	3/8	24.6'	49.2'	22.9'									
		17	19	18	11	9	10.4	13.5	20	23	67	1/4	3/8	24.6'	49.2'	22.9'									
		22	22	17	10.8	9	9.65	11.9	15	31	82	1/4	3/8	24.6'	65.6'	49.2'									
Ceiling Mounted	MEGA (115v)	-	8.5	10.9	17	12	9	208/230	10.4	13.5	20	23	67	1/4	3/8	24.6'	49.2'	22.9'	.22	14° to 118°F	14° to 65°F	N	N	Y	N
			12	13	17	10.5	9		10.4	13.5	20	23	67	1/4	3/8	24.6'	49.2'	22.9'							
			12	13	17	10.5	9		9.65	11.9	15	31	82	1/4	3/8	24.6'	65.6'	49.2'							
			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'							
	Ceiling Cassette (Requires Grille-See Accessories Table ⁵)	ES	9	11	20.2	13.7	10.5		14.7	18.1	30	46	133	3/8	5/8	25'	164'	98.4'	.43	5° to 118°F	0° to 64°F	N	Y	Y	Y
			18	20	20	15	10.1		15.1	18.1	30	46	133	3/8	5/8	25'	164'	98.4'							
			24	27	17	12.6	9.7		20.8	24.5	40	55	203	3/8	5/8	25'	246.1'	98.4'							
			36	40	19	13.5	9.5		20.8	24.5	40	55	203	3/8	5/8	25'	246.1'	98.4'							
High Static	-	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		
		36	40	17.6	12.1	9.2	21.4	24.5	40	125	203	3/8	5/8	25'	246.1'	98.4'									
		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'									
		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'									
Low Static	ES	18	20	19	13.3	9.5	15.1	20	30	129	129	3/8	5/8	24.6'	164'	98.4'	.43	5° to 118°F	-4° to 64°F	Y	Y	Y	Y		
		24	27	18	12.5	10	15.1	20	30	129	129	3/8	5/8	24.6'	164'	98.4'									
		36	40	18	12.5	10	24.2	32	40	165	203	3/8	5/8	24.6'	246'	98.4'									
		42	47	17	11.1	10	24.2	32	40	165	203	3/8	5/8	24.6'	246'	98.4'									
Vertical AHU	ES	24	27	18	12.5	10	24.2	32	40	165	203	3/8	5/8	24.6'	246'	98.4'	.43	5° to 118°F	-4° to 64°F	Y	Y	Y	Y		
		42	47	17	11.1	10	24.2	32	40	165	203	3/8	5/8	24.6'	246'	98.4'									
		48	56	16.5	10	9.5	24.2	32	40	165	203	3/8	5/8	24.6'	246'	98.4'									

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	
		11.2	13.3		0.2	32	1/4	3/8	
	Art Cool™ Mirror	9	10.9		0.4	20.5	1/4	3/8	
		12	13.6		0.4	20.5	1/4	3/8	
		18	21.6		0.4	29.8	1/4	1/2	
		24	25.6		0.4	25.6	1/4	1/2	
	High Efficiency	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		
Ceiling Mounted	4-Way Cassette (PT-UQC/PT-QCHW0 Required)	7	8.1	0.25	31	1/4	3/8		
		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	9	10.4	0.4	39	1/4	3/8		
		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	
	Vertical AHU	LVN180HV4	18	20	1.1	129	1/4	1/2	
LVN240HV4		24	27	1.1	129	1/4	1/2		
LMVN360HV	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									
			Cool	Heat									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'	
	LMU30CHV	ES ⁵	30	32	22	13	10															13.9	16.6	25	137	1/4"(X4)	3/8"(X4)	98.4'	
	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'
		LMU240HHV		24	26	21	13.5															10.7	15.7	19	25	152	1/4"	3/8"	73.8'
		LMU300HHV		28.4	28.6	20	12.5															11	16.1	19.4	25	152	1/4"	3/8"	98.4'
		LMU360HHV		36	41	21	15															11.5	25.1	30.2	45	223	3/8"	3/4"	98.4'
	Multi F MAX LGRED®	LMU420HHV	ES	42	45	20.5	14															11	25.1	30.2	45	223	3/8"	3/4"	98.4'
		LMU480HV		48	54	19.5	12.5															10	23	27.3	40	214	3/8"	3/4"	98.4'
Multi F MAX	LMU540HV	-	52.5	58	18.4	10.3	8.7	24.8	29.4	40	214	3/8"	3/4"	98.4'															
	LMU600HV		60	64	20.5	11.4	11	27.1	32.2	45	223	3/8"	3/4"	98.4'															