



Specification	Unit	LA090HYV1	LA120HYV1	LA150HYV2	LA180HYV2	
Indoor Unit		LAN090HYV1	LAN120HYV1	LAN150HYV2	LAN180HYV2	
Outdoor Unit		LAU090HYV1	LAU120HYV1	LAU150HYV2	LAU180HYV2	
Capacity	Rated Cooling Capacity	Btu/h	9,000	11,000	15,000	18,200
	Cooling Capacity Range	Btu/h	1,023 ~ 12,966	1,023 ~ 13,785	3,070 ~ 21,000	3,070 ~ 29,515
	Rated Heating Capacity	Btu/h	11,000	12,000	18,000	22,000
	Heating Capacity Range	Btu/h	1,023 ~ 20,472	1,023 ~ 22,178	3,070 ~ 25,200	3,070 ~ 32,000
	Max Heating Capacity at 17°F	Btu/h	11,940	14,650	21,430	27,400
	Max Heating Capacity at 5°F	Btu/h	11,220	13,720	18,950	24,360
	Max Heating Capacity at -13°F	Btu/h	7,920	9,520	14,660	19,120
	SEER, EER		27.5, 15.65	25.5, 13.75	24.0, 13.48	22.0, 12.5
	HSPF	12	12	12.5	12.0	
Power	Voltage (IDU)	V, Ø, Hz	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
	Voltage (ODU)	V, Ø, Hz	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
	Cooling Power Input	kW	0.58	0.8	1.11	1.46
	Heating Power Input	kW	0.71	0.75	1.39	1.79
	MCA, MOCP	A	11.2, 15	11.2, 15	19.0, 25	19.0, 25
	Power/Communication Wiring ⁴	No. x AWG	4 x 18	4 x 18	4 x 18	4 x 18
	Rated Amps Cool/Heat	A	8.7/8.7	8.7/8.7	15.0/15.0	15.0/15.0
Operating Range	Heating Operation Range	°F WB	-13 ~ 65	-13 ~ 65	-13~65	-13~65
	Cooling Operation Range	°F DB	14~118	14~118	14~118	14~118
	Optional Wind Baffle ⁶		ZLABGP01A (0°F)	ZLABGP01A (0°F)	ZLABGP02A (0°F)	ZLABGP02A (0°F)
	IDU Operation Range Cooling	°F WB	53 ~ 75	53 ~ 75	53 ~ 75	53 ~ 75
	IDU Operation Range Heating	°F DB	60 ~ 86	60 ~ 86	60 ~ 86	60 ~ 86
	Setpoint Range Cooling	°F	64 ~ 86	64 ~ 86	64 ~ 86	64 ~ 86
	Setpoint Range Heating	°F	60 ~ 86	60 ~ 86	60 ~ 86	60 ~ 86
Dimensions	IDU Dimensions (WxHxD)	in	34-7/16x11-5/8x9-1/4	34-7/16x11-5/8x9-1/4	42-15/16x12-31/32x9-25/32	42-15/16x12-31/32x9-25/32
	ODU Dimensions (WxHxD)	in	30-5/16x21-1/2x11-5/16	30-5/16x21-1/2x11-5/16	34-1/4 x 31-1/2 x 12-19/32	34-1/4 x 31-1/2 x 12-19/32
Weight	IDU Weight (Net/Shipping)	lbs	24/30	24/30	34/38	34/38
	ODU Weight (Net/Shipping)	lbs	77/82	77/82	122/131	122/131
Unit Data	Airflow (Max/H/M/L)	CFM	547/494/417/283	547/494/417/283	742/565/424/318	777/565/424/318
	Dehumidification	pts/hr	3.20	3.60	3.80	4.60
	Compressor Type		Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
	Refrigerant Type		R410A	R410A	R410A	R410A
Sound Pressure	Indoor (H/M/L/SL)	dB(A)	42/36/25/17	42/36/25/17	47/42/37/29	47/42/37/29
	Outdoor Max	dB(A)	45	45	57	57
Piping	Liquid Line	in	1/4	1/4	3/8	3/8
	Suction Line	in	3/8	3/8	5/8	5/8
	Pipe Length (Min/Max)	ft	6.6/65.6	6.6/65.6	9.8/98.4	9.8/98.4
	Max Pipe Elevation	ft	32.8	32.8	65.6	65.6
	Precharge Pipe Length	ft	41	41	24.6	24.6
	Additional Refrigerant	oz/ft	0.22	0.22	0.38	0.38
	Drain (OD, ID)	in	27/32, 5/8	27/32, 5/8	27/32, 5/8	27/32, 5/8
Warranty	Warranty (Parts, Comp)		5, 7	5, 7	5, 7	5, 7
Controller	Supplied		AKB73835320	AKB73835320	AKB74955602	AKB74955602