

ART COOL MIRROR



LA090HSV4
LA120HSV4
LA180HSV4
LA240HSV3



Specification	Unit	LA090HSV4	LA120HSV4	LA180HSV4	LA240HSV3	
Indoor Unit		LAN090HSV4	LAN120HSV4	LAN180HSV4	LAN240HSV3	
Outdoor Unit		LSU090HSV4	LSU120HSV4	LSU180HSV4	LAU240HSV3	
Capacity ^{1,2}	Rated Cooling Capacity	Btu/h	9,000	11,200	18,200	22,000
	Cooling Capacity Range	Btu/h	1,023 - 12,625	1,023 - 13,785	3,070 - 29,515	3,070 - 30,030
	Rated Heating Capacity	Btu/h	10,800	13,300	22,000	27,600
	Heating Capacity Range	Btu/h	1,023 - 17,061	1,023 - 22,178	3,070 - 38,898	3,070 - 38,898
	Max Heating Capacity at 17°F	Btu/h	11,080	13,500	22,340	28,020
	Max Heating Capacity at 5°F	Btu/h	9,570	11,670	19,300	24,220
	Max Heating Capacity at -4°F	Btu/h	8,310	10,140	16,760	21,030
	SEER, EER		21.5, 13.3	21.5, 12.5	20.5, 12.6	20.0, 10.8
	HSPF		10.8	11	9.7	10.0
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	0.68	0.90	1.45	2.04
	Heating Power Input	kW	0.70	1.00	1.76	2.67
	MCA, MOCP	A	10, 15	10, 15	19, 25	19, 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	15.4/15.4	15.4/15.4
Operating Range	Heating Operation Range	°F WB	-4 - 65	-4 - 65	-4 - 65	-4 - 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	34-13/16 x 11-1/4 x 8-1/16	34-13/16 x 11-1/4 x 8-1/16	40-9/16 x 12-13/16 x 9-11/16
ODU Dimensions (WxHxD)		in	30-5/16 x 21-1/2 x 11-5/16	30-5/16 x 21-1/2 x 11-5/16	34-1/4 x 31-1/2 x 12-19/32	34-1/4 x 31-1/2 x 12-19/32
IDU Weight (Net/Shipping)		lbs	24/29	24/29	32/39	32/39
Weight	ODU Weight (Net/Shipping)	lbs	75/79	75/79	121/131	121/131
	Airflow (Max/H/M/L)	CFM	423/353/272/191	423/353/272/191	735/622/509/399	735/622/509/399
	Dehumidification	pts/hr	2.30	2.30	5.5	5.5
	Compressor Type		Rotary	Rotary	Twin Rotary	Twin Rotary
Sound Pressure	Refrigerant Type		R410A	R410A	R410A	R410A
	Indoor (H/M/L/SL)	dB(A)	38/33/23/19	39/33/23/19	45/40/35/29	45/40/35/29
Piping	Outdoor Max	dB(A)	45	45	53	53
	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	9.84/98.4	9.84/98.4
	Max Pipe Elevation	ft	32.8	32.8	49.2	49.2
	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
Controller	Supplied		AKB73835317	AKB73835317	AKB73835320	

Note:

- Rated capacity at 0 ft. above sea level with 25 ft. of refrigerant line and a 0 ft. level difference between outdoor and indoor unit.
- Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB) and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB). Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB). For capacity information, see engineering manual capacity tables.
- Sound pressure levels are tested in an anechoic chamber under ISO Standard 3745 and are the same in both cooling and heating mode. These values can increase due to ambient conditions during operation.
- All power/communication wiring minimum 4-conductor; stranded, shielded, and must comply with applicable local and national codes.
- Piping lengths are equivalent.
- Installation of an optional Low Ambient Wind Baffle Kit will allow operation down to 0°F in cooling mode for applicable outdoor units.
- Due to our commitment to continued innovation, some specifications may be changed without notification.