

MORACO

گردش فصول در دستان تو

کولرگازی مولتی VRF

- دارای گاز مبرد دوست محیط زیست R 401A
- قابلیت اتصال تا ۴۸ پنل داخلی
- نسل جدید VRF مولتی
- جهت استفاده در سالن های اجتماعات ، سالن های ورزشی تالارها و.....
- دارای کمپرسور FULL INVERTER
- میزان صدای پایین
- قابلیت کارکرد تا دمای ۴۸ درجه و ۲۰- درجه
- قابلیت اتصال چندین یونیت بیرونی به یکدیگر
- قابلیت اتصال چندین مدل یونیت داخلی همزمان
- کم مصرف و بهینه جهت تولید سرمایش و گرمایش
- قابلیت تولید سرمایش و گرمایش همزمان



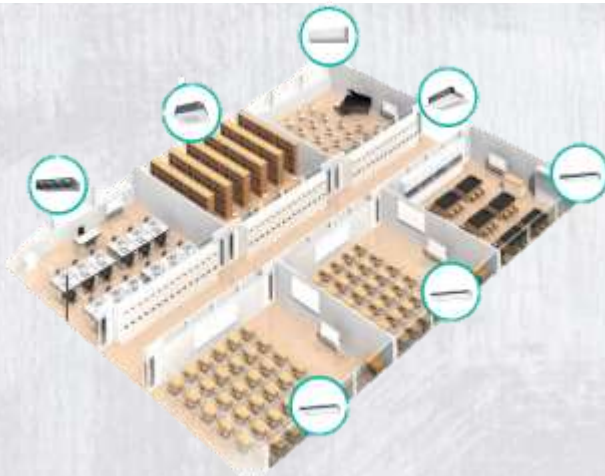
Specifications

Rating Capacity range	HP	8	10	12	14	16	18
Model name		AJY072LELAH	AJY090LELAH	AJY108LELAH	AJY126LELAH	AJY144LELAH	AJY162LELAH
Maximum Connectable Indoor Unit		1-15	1-18	1-22	1-27	1-30	1-34
Power source		3 phase, ~400V, 50Hz					
Capacity	Cooling	22.4	28.0	33.5	40.0	45.0	50.0
	Heating	22.4	28.0	33.5	40.0	45.0	50.0
Input power	Cooling	6.30	8.25	10.42	12.12	14.56	18.22
	Heating	4.60	6.61	8.18	9.71	11.81	13.66
EER	Cooling	3.56	3.28	3.22	3.30	3.01	2.70
COP	Heating	4.82	4.24	4.10	4.12	3.81	3.66
Air flow rate		8,400	9,000	11,000	13,000	14,000	14,800/15,300
Sound pressure level/ Power level	Cooling	52 / 66	54 / 69	59 / 73	62 / 75	64 / 77	67/79
	Heating	54 / -	57 / -	61 / -	63 / -	65 / -	68 / -
Dimension:	Height	1,428	1,428	1,428	1,638	1,638	1,638
	Width	1,080	1,080	1,080	1,080	1,080	1,080
	Depth	480	480	480	480	480	480
Weight		170	177	178	213	213	217
Refrigerant	Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
	Charge	kg(CO2eq-T)	7.0 (14.6)	7.5 (15.7)	7.5 (15.7)	11.0 (22.9)	11.0 (22.9)
Connection pipe diameter	Liquid	9.52	9.52	12.70	12.70	12.70	12.70
	Gas	19.05	22.20	28.58	28.58	28.58	28.58
Total pipe length		400	400	400	400	400	400
Max. Height difference		50/40 (Outdoor unit: Upper/Lower)					
Operating range	Cooling	-15 to 46	-15 to 46	-15 to 46	-5 to 46*	-5 to 46*	-5 to 46*
	Heating	-20 to 21	-20 to 21	-20 to 21	-20 to 21	-20 to 21	-20 to 21

Specifications

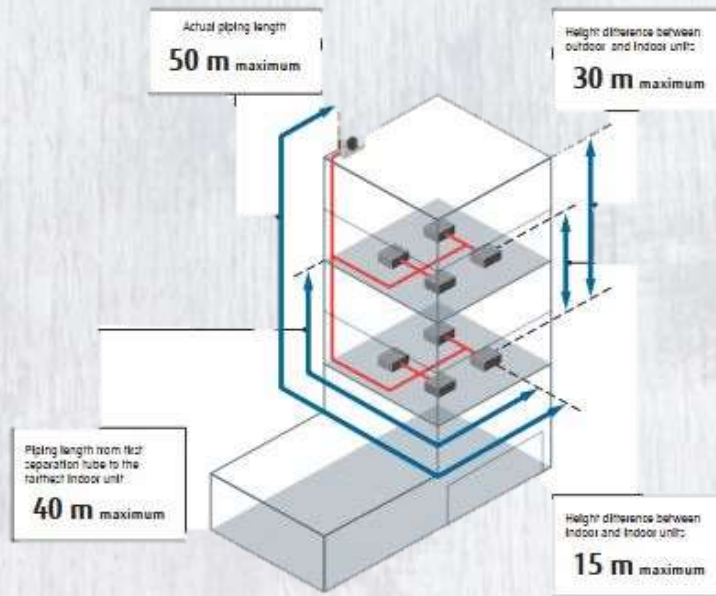
for Singapore

Rating Capacity range	HP	4	5	6	4	5	6	4	5	6
Model name		AJY040LBLAH	AJY045LBLAH	AJY054LBLAH	AJA040LBLAH	AJA045LBLAH	AJA054LBLAH	AJY040LELAH	AJY045LELAH	AJY054LELAH
Maximum Connectable Indoor Unit		1-9	1-10	1-13	1-9	1-10	1-13	1-9	1-10	1-13
Power source		Single phase, ~230V, 50Hz			Single phase, ~230V, 50Hz			3 phase, ~400V, 50Hz		
Capacity	Cooling	12.1	14.0	15.5	12.1	14.0	15.5	12.1	14.0	15.5
	Heating	13.6	16.0	18.0	13.6	16.0	18.0	13.6	16.0	18.0
Input power	Cooling	2.90	3.07	4.18	3.40	4.00	4.40	2.79	3.46	3.99
	Heating	2.80	3.55	4.26	3.70	4.60	5.15	2.71	3.40	4.08
EER	Cooling	4.17	3.92	3.71	3.56	3.50	3.52	4.33	4.00	3.88
COP	Heating	4.86	4.21	4.23	3.68	3.48	3.20	3.01	4.70	4.41
Air flow rate		6,200	6,400	6,900	6,200	6,400	6,900	6,200	6,400	6,900
Sound pressure level/ Power level	Cooling	50 / 66	51 / 67	53 / 69	50 / 66	51 / 67	53 / 69	50 / 66	51 / 67	53 / 69
	Heating	52 / 68	53 / 69	55 / 71	52 / 68	53 / 69	55 / 71	52 / 68	53 / 69	55 / 71
Heat exchanger fin		Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin	Blue fin
Dimension:	Height	1,334	1,334	1,334	1,334	1,334	1,334	1,334	1,334	1,334
	Width	970	970	970	970	970	970	970	970	970
	Depth	370	370	370	370	370	370	370	370	370
Weight		117	117	119	117	117	117	118	118	119
Refrigerant	Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410 (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
	Charge	kg(CO2eq-T)	4.8 (10.0)	5.3 (11.1)	5.3 (11.1)	4.8 (10.0)	5.3 (11.1)	4.8 (10.0)	4.8 (10.0)	5.3 (11.1)
Connection pipe diameter	Liquid	9.52	9.52	9.52	9.52	9.52	9.52	9.52	9.52	9.52
	Gas	15.88	15.88	19.05	15.88	15.88	15.88	15.88	15.88	19.05
Total pipe length		180	180	180	180	180	180	180	180	180
Max. Height difference		50/40 (Outdoor unit: Upper/Lower)			50/40 (Outdoor unit: Upper/Lower)			50/40 (Outdoor unit: Upper/Lower)		
Operating range	Cooling	-5 to 46	-5 to 46	-5 to 46	-5 to 46	-5 to 46	-5 to 46	-5 to 46	-5 to 46	-5 to 46
	Heating	-20 to 21	-20 to 21	-20 to 21	-20 to 21	-20 to 21	-20 to 21	-20 to 21	-20 to 21	-20 to 21



Specifications

Rating Capacity range		HP	4	5	6
Model name			AJY040LCLAH	AJY045LCLAH	AJY054LCLAH
Maximum Connectable Indoor Unit			7	8	8
Power source			Single phase, ~230V, 50Hz		
Capacity	Cooling	kW	12.1	14.0	15.1
	Heating		13.6	16.0	16.5
Input power	Cooling	kW	3.44	4.43	5.03
	Heating		3.09	3.93	4.11
EER	Cooling	W/W	3.52	3.16	3.00
COP	Heating		4.40	4.07	4.01
Air flow rate		m ³ /h	4,040	4,200	4,200
Sound pressure level/ Power level	Cooling	dB (A)	21 / 67	23 / 69	24 / 70
	Heating		24 / 68	25 / 69	26 / 70
Heat exchanger fin			Blue fin	Blue fin	Blue fin
Dimension:	Height	mm	998	998	998
	Width		970	970	970
	Depth		370	370	370
Weight		kg	86	86	87
Refrigerant	Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)
	Charge	kg(CO ₂ eq-T)	4.0 (8.4)	4.0 (8.4)	4.0 (8.4)
Connection pipe diameter	Liquid	mm	9.52	9.52	9.52
	Gas		12.88	12.88	12.88
Total pipe length		m	80	80	80
Max. Height difference			30	30	30
Operating range	Cooling	°C	-5 to 46	-5 to 46	-5 to 46
	Heating		-20 to 21	-20 to 21	-20 to 21





تهویه پرسان

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