

Outdoor units specifications



Space Saving Combination

Rating Capacity range		8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	
Btu/h		72,000	90,000	108,000	126,000	144,000	162,000	180,000	198,000	216,000	234,000	252,000	270,000	288,000	306,000	324,000	342,000	360,000	378,000	396,000	414,000	432,000	450,000	468,000	486,000	
Ton		6.0	7.5	9.0	10.5	12.0	13.5	15.0	16.5	18.0	19.5	21.0	22.5	24.0	25.5	27.0	28.5	30.0	31.5	33.0	34.5	36.0	37.5	39.0	40.5	
Model name		AJH072LNTCH	AJH090LNTCH	AJH108LNTCH	AJH126LNTCH	AJH144LNTCH	AJH162LNTCH	AJH180LNTCH	AJH198LNTCH	AJH216LNTCH	AJH234LNTCH	AJH252LNTCH	AJH270LNTCH	AJH288LNTCH	AJH306LNTCH	AJH324LNTCH	AJH342LNTCH	AJH360LNTCH	AJH378LNTCH	AJH396LNTCH	AJH414LNTCH	AJH432LNTCH	AJH450LNTCH	AJH468LNTCH	AJH486LNTCH	
Unit 1		AJH072LNTCH	AJH090LNTCH	AJH108LNTCH	AJH126LNTCH	AJH144LNTCH	AJH162LNTCH	AJH180LNTCH	AJH198LNTCH	AJH216LNTCH	AJH234LNTCH	AJH252LNTCH	AJH270LNTCH	AJH288LNTCH	AJH306LNTCH	AJH324LNTCH	AJH342LNTCH	AJH360LNTCH	AJH378LNTCH	AJH396LNTCH	AJH414LNTCH	AJH432LNTCH	AJH450LNTCH	AJH468LNTCH	AJH486LNTCH	
Unit 2		AJH072LNTCH	AJH090LNTCH	AJH108LNTCH	AJH126LNTCH	AJH144LNTCH	AJH162LNTCH	AJH180LNTCH	AJH198LNTCH	AJH216LNTCH	AJH234LNTCH	AJH252LNTCH	AJH270LNTCH	AJH288LNTCH	AJH306LNTCH	AJH324LNTCH	AJH342LNTCH	AJH360LNTCH	AJH378LNTCH	AJH396LNTCH	AJH414LNTCH	AJH432LNTCH	AJH450LNTCH	AJH468LNTCH	AJH486LNTCH	
Unit 3		AJH072LNTCH	AJH090LNTCH	AJH108LNTCH	AJH126LNTCH	AJH144LNTCH	AJH162LNTCH	AJH180LNTCH	AJH198LNTCH	AJH216LNTCH	AJH234LNTCH	AJH252LNTCH	AJH270LNTCH	AJH288LNTCH	AJH306LNTCH	AJH324LNTCH	AJH342LNTCH	AJH360LNTCH	AJH378LNTCH	AJH396LNTCH	AJH414LNTCH	AJH432LNTCH	AJH450LNTCH	AJH468LNTCH	AJH486LNTCH	
Maximum Connectable Indoor Unit		13																								
Indoor unit connectable capacity		Cooling	kW																							
			11.2-29.1	14-36.4	16.8-43.5	20-52	22.5-58.5	25-65	28-72.8	31.2-81.1	34-88.4	36.5-94.9	39-101.4	42.5-110.5	45-117	47.5-123.5	50-130	53-137.8	56.5-146.9	59-153.4	61.5-159.9	64-166.4	67.5-175.5	70-182	72.5-188.5	75-195
Power source		3-phase 4 wire, 400 V, 50Hz												3-phase 4 wire, 400 V, 50Hz												
T1 condition	Capacity	Cooling	kW																							
		Heating	kW																							
		Cooling	Btu/h																							
		Heating	Btu/h																							
		Input power	kW																							
	Current	Cooling	A																							
		Heating	A																							
		EER	W/W																							
		COP	W/W																							
		EER	Btu/h/W																							
T3 condition	Capacity	Cooling	kW																							
		Heating	kW																							
		Cooling	Btu/h																							
		Heating	Btu/h																							
		Input power	kW																							
	Current	Cooling	A																							
		Heating	A																							
		EER	W/W																							
		COP	W/W																							
		EER	Btu/h/W																							
Power factor		%																								
Air flow rate		High	m ³ /h																							
Sound pressure level / Power level		Cooling	dB (A)																							
		Heating	dB (A)																							
External static pressure (Max)		Pa																								
Compressor motor output		kW																								
Heat exchanger fin		Blue fin																								
Dimensions	Height	mm																								
	Width	mm																								
	Depth	mm																								
Weight		kg																								
Refrigerant		Type	R410A																							
		Charge	kg																							
Connection pipe diameter		Liquid	mm																							
		Discharge Gas	mm																							
Operation range		Cooling	°CDB																							
		Heating	°CDB																							

Energy Efficiency Combination

Rating Capacity range		16	18	20	24	26	28	30	32	34	36	38	40	42	44	46	
Btu/h		144,000	162,000	180,000	216,000	234,000	252,000	270,000	288,000	306,000	324,000	342,000	360,000	378,000	396,000	414,000	
Ton		12.0	13.5	15.0	18.0	19.5	21.0	22.5	24.0	25.5	27.0	28.5	30.0	31.5	33.0	34.5	
Model name		AJH144LNTCHH	AJH162LNTCHH	AJH180LNTCHH	AJH216LNTCHH	AJH234LNTCHH	AJH252LNTCHH	AJH270LNTCHH	AJH288LNTCHH	AJH306LNTCHH	AJH324LNTCHH	AJH342LNTCHH	AJH360LNTCHH	AJH378LNTCHH	AJH396LNTCHH	AJH414LNTCHH	
Unit 1		AJH072LNTCH	AJH090LNTCH	AJH108LNTCH	AJH126LNTCH	AJH144LNTCH	AJH162LNTCH	AJH180LNTCH	AJH198LNTCH	AJH216LNTCH	AJH234LNTCH	AJH252LNTCH	AJH270LNTCH	AJH288LNTCH	AJH306LNTCH	AJH324LNTCH	
Unit 2		AJH072LNTCH	AJH090LNTCH	AJH108LNTCH	AJH126LNTCH	AJH144LNTCH	AJH162LNTCH	AJH180LNTCH	AJH198LNTCH	AJH216LNTCH	AJH234LNTCH	AJH252LNTCH	AJH270LNTCH	AJH288LNTCH	AJH306LNTCH	AJH324LNTCH	
Unit 3		AJH072LNTCH	AJH090LNTCH	AJH108LNTCH	AJH126LNTCH	AJH144LNTCH	AJH162LNTCH	AJH180LNTCH	AJH198LNTCH	AJH216LNTCH	AJH234LNTCH	AJH252LNTCH	AJH270LNTCH	AJH288LNTCH	AJH306LNTCH	AJH324LNTCH	
Maximum Connectable Indoor Unit		26															
Indoor unit connectable capacity		Cooling	kW														
			22.4-58.2	25.2-65.5	28-72.6	33.6-87.3	36.4-94.6	39.2-101.7	42.4-110.2	44.7-116.2	48-124.6	50.3-130.6	53.5-139.1	56.8-147.5	60-156	62.5-162.5	65-169
Power source		3-phase 4 wire, 400 V, 50Hz												3-phase 4 wire, 400 V, 50Hz			
T1 condition	Capacity	Cooling	kW														
		Heating	kW														
		Cooling	Btu/h														
		Heating	Btu/h														
		Input power	kW														
	Current	Cooling	A														
		Heating	A														
		EER	W/W														
		COP	W/W														
		EER	Btu/h/W														
T3 condition	Capacity	Cooling	kW														
		Heating	kW														
		Cooling	Btu/h														
		Heating	Btu/h														
		Input power	kW														
	Current	Cooling	A														
		Heating	A														
		EER	W/W														
		COP	W/W														
		EER	Btu/h/W														
Power factor		%															
Air flow rate		High	m ³ /h														
Sound pressure level / Power level		Cooling	dB (A)														
		Heating	dB (A)														
External static pressure (Max)		Pa															
Compressor motor output		kW															
Heat exchanger fin		Blue fin															
Dimensions	Height	mm															
	Width	mm															
	Depth	mm															
Weight		kg															
Refrigerant		Type	R410A														
		Charge	kg														
Connection pipe diameter		Liquid	mm														
		Discharge Gas	mm														
Operation range		Cooling	°CDB														
		Heating	°CDB														

Note: Specifications are based on the following conditions.
 Cooling (T1): Indoor temperature of 27°CDB / 19°CWB, and outdoor temperature of 35°CDB / 24°CWB
 Cooling (T3): Indoor temperature of 29°CDB / 19°CWB, and outdoor temperature of 46°CDB / 24°CWB
 Heating: Indoor temperature of 20°CDB / (15°CWB), and outdoor temperature of 7°CDB / 6°CWB.
 Pipe length: 7.5m. Height difference between outdoor and indoor unit: 0m.

The specifications and combinations shown are for common models. It may differ for certain countries or areas.

