



HP		22		24		
Model	Combination unit		ARWB220LAS4		ARWB240LAS4	
	Independent unit		ARWB100LAS4		ARWB120LAS4	
			ARWB120LAS4		ARWB120LAS4	
Capacity	Cooling	Nom kW	61.6	67.2		
	Heating	Nom kW	69.3	75.6		
Power Input	Cooling	Nom kW	11.55	12.92		
	Heating	Nom kW	12.09	13.5		
EER			5.33	5.20		
COP			5.73	5.60		
ESEER			7.34	7.21		
Operation Range	Cooling	Min-Max °C DB	10°C - 45°C		10°C - 45°C	
	Heating	Min-Max °C WB	-5°C - 45°C		-5°C - 45°C	
Compressor	Type		Hermetically Sealed Scroll		Hermetically Sealed Scroll	
	Number of Compressor		1		2	
Sound Pressure (Cooling)		Nom dBA	57	57		
Sound Pressure (Heating)		Nom dBA	57	57		
Sound Power (Cooling)		Nom dBA	70	70		
Sound Power (Heating)		Nom dBA	70	70		
Dimensions		WxHxD mm	(755 × 997 × 500) × 2		(755 × 997 × 500) × 2	
Net Weight		kg	127 × 2		127 × 2	
Refrigerant	Type		R410A		R410A	
	Charge	kg	5.8 + 5.8		5.8 + 5.8	
	Control		EEV		EEV	
Refrigerant Oil	Type		FVC68D(PVE)		FVC68D(PVE)	
	Control	cc	1,200 + 1,200		1,200 + 1,200	
Power Supply		ø/V/Hz	3 / 380 - 415 / 50		3 / 380 - 415 / 50	
Transmission Cable (VCTF-SB)		No. x mm ²	1.0 - 1.5 x 2C		1.0 - 1.5 x 2C	
Piping Length	Total	Max m	300(500)		300(500)	
	Actual Longest Piping Length	Max m	150(200)		150(200)	
	After 1st Y branch	Max m	40(90)		40(90)	
Piping Level Difference	IDU-ODU	Max m	50		50	
	IDU-IDU	Max m	40		40	
Piping Connection	Liquid	mm(inch)	19.05(3/4)		19.05(3/4)	
	Low Pressure Gas	mm(inch)	34.9(1-3/8)		34.9(1-3/8)	
	High Pressure Gas	mm(inch)	28.58(1-1/8)		28.58(1-1/8)	
Number of Outdoor Units			2		2	
Number of Connectable Indoor Units	Max		35(44)		39(48)	
Ratio of the Connectable Indoor Units	Min-Max		50 - 160%		50 - 160%	
Heat Exchanger	Type		Stainless Steel Plate		Stainless Steel Plate	
	Pressure Resistance	Max kgf/cm ²	45		45	
	Nom Water Flow	L/min	116 + 96		116 + 116	
	Head Loss	kPa	21.8 + 15.8		21.8 + 21.8	
Water Connection pipe	Inlet	mm(inch)	PT 40 + PT 40		PT 40 + PT 40	
	Outlet	mm(inch)	PT 40 + PT 40		PT 40 + PT 40	
	Drain Outlet	mm	20		20	

Note :

- Capacities and Inputs are based on the following conditions
 Cooling : Indoor temp. 27°C (80.6°F)DB/19°C(66.2°F)WB, Water inlet temp. 30°C(86°F), Interconnecting piping length 7.5m, Level difference of zero
 Heating : Indoor temp. 20°C(68°F)DB - Water inlet temp. 20°C(68°F)
- Capacities are net capacities
- Due to our policy of innovation some specifications may be changed without notification
- EEV : Electronic Expansion Valve
- Add an anti freeze to circulation water when outside units is operating undet 10°C (50°F), and change the DIP switch on main PCB.(For more information on installation section.)

* () : Conditional application



HP		26		28		
Model	Combination unit		ARWB260LAS4		ARWB280LAS4	
	Independent unit		ARWB120LAS4		ARWB140LAS4	
			ARWB140LAS4		ARWB140LAS4	
Capacity	Cooling	Nom kW	72.8	78.4		
	Heating	Nom kW	81.9	88.2		
Power Input	Cooling	Nom kW	14.3	15.68		
	Heating	Nom kW	14.92	16.34		
EER			5.09	5.00		
COP			5.49	5.40		
ESEER			7.11	7.02		
Operation Range	Cooling	Min-Max °C DB	10°C - 45°C		10°C - 45°C	
	Heating	Min-Max °C WB	-5°C - 45°C		-5°C - 45°C	
Compressor	Type		Hermetically Sealed Scroll		Hermetically Sealed Scroll	
	Number of Compressor		2		2	
Sound Pressure (Cooling)		Nom dBA	59	59		
Sound Pressure (Heating)		Nom dBA	58	58		
Sound Power (Cooling)		Nom dBA	72	72		
Sound Power (Heating)		Nom dBA	71	71		
Dimensions		WxHxD mm	(755 × 997 × 500) × 2		(755 × 997 × 500) × 2	
Net Weight		kg	127 × 2		127 × 2	
Refrigerant	Type		R410A		R410A	
	Charge	kg	5.8 + 5.8		5.8 + 5.8	
	Control		EEV		EEV	
Refrigerant Oil	Type		FVC68D(PVE)		FVC68D(PVE)	
	Control	cc	1,200 + 1,200		1,200 + 1,200	
Power Supply		ø/V/Hz	3 / 380 - 415 / 50		3 / 380 - 415 / 50	
Transmission Cable (VCTF-SB)		No. x mm ²	1.0 - 1.5 x 2C		1.0 - 1.5 x 2C	
Piping Length	Total	Max m	300(500)		300(500)	
	Actual Longest Piping Length	Max m	150(200)		150(200)	
	After 1st Y branch	Max m	40(90)		40(90)	
Piping Level Difference	IDU-ODU	Max m	50		50	
	IDU-IDU	Max m	40		40	
Piping Connection	Liquid	mm(inch)	19.05(3/4)		19.05(3/4)	
	Low Pressure Gas	mm(inch)	34.9(1-3/8)		34.9(1-3/8)	
	High Pressure Gas	mm(inch)	28.58(1-1/8)		28.58(1-1/8)	
Number of Outdoor Units			2		2	
Number of Connectable Indoor Units	Max		42(52)		45(56)	
Ratio of the Connectable Indoor Units	Min-Max		50 - 160%		50 - 160%	
Heat Exchanger	Type		Stainless Steel Plate		Stainless Steel Plate	
	Pressure Resistance	Max kgf/cm ²	45		45	
	Nom Water Flow	L/min	135 + 116		135 + 135	
	Head Loss	kPa	28.6 + 21.8		28.6 + 28.6	
Water Connection pipe	Inlet	mm(inch)	PT 40 + PT 40		PT 40 + PT 40	
	Outlet	mm(inch)	PT 40 + PT 40		PT 40 + PT 40	
	Drain Outlet	mm	20		20	

Note :

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 Cooling : Indoor temp. 27°C (80.6°F)DB/19°C(66.2°F)WB, Water inlet temp. 30°C(86°F), Interconnecting piping length 7.5m, Level difference of zero
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- Capacities are net capacities
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