



HP			62	64	66	68	70
Model	Combination unit		ARWB620LAS4	ARWB640LAS4	ARWB660LAS4	ARWB680LAS4	ARWB700LAS4
		Independent unit	ARWB100LAS4	ARWB120LAS4	ARWB120LAS4	ARWB140LAS4	ARWB140LAS4
		ARWB120LAS4	ARWB120LAS4	ARWB140LAS4	ARWB140LAS4	ARWB160LAS4	
		ARWB200LAS4	ARWB200LAS4	ARWB200LAS4	ARWB200LAS4	ARWB200LAS4	
		ARWB200LAS4	ARWB200LAS4	ARWB200LAS4	ARWB200LAS4	ARWB200LAS4	
Capacity	Cooling	Nom kW	173.6	179.2	184.8	190.4	196
	Heating	Nom kW	195.3	201.6	207.9	214.2	220.5
Power Input	Cooling	Nom kW	33.95	35.32	36.7	38.08	38.39
	Heating	Nom kW	35.43	36.84	38.26	39.68	40.05
EER			5.11	5.07	5.04	5.00	5.11
COP			5.51	5.47	5.43	5.40	5.51
ESEER			7.12	7.08	7.04	7.01	7.05
Operation Range	Cooling	Min-Max °C DB	10°C - 45°C	10°C - 45°C	10°C - 45°C	10°C - 45°C	10°C - 45°C
	Heating	Min-Max °C WB	-5°C - 45°C	-5°C - 45°C	-5°C - 45°C	-5°C - 45°C	-5°C - 45°C
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Number of Compressor		4	4	4	4	4
Sound Pressure (Cooling)		Nom dBA	59	59	61	61	61
Sound Pressure (Heating)		Nom dBA	63	63	63	63	63
Sound Power (Cooling)		Nom dBA	73	73	75	75	75
Sound Power (Heating)		Nom dBA	77	77	77	77	77
Dimensions	WxHxD	mm	(755 × 997 × 500) × 4	(755 × 997 × 500) × 4	(755 × 997 × 500) × 4	(755 × 997 × 500) × 4	(755 × 997 × 500) × 4
Net Weight		kg	(140 × 2) + (127 × 2)	(140 × 2) + (127 × 2)	(140 × 2) + (127 × 2)	(140 × 3) + (127 × 2)	(140 × 3) + (127 × 1)
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A
	Charge	kg	30 + 30 + 58 + 58	30 + 30 + 58 + 58	30 + 30 + 58 + 58	30 + 30 + 58 + 58	30 + 30 + 30 + 58
	Control		EEV	EEV	EEV	EEV	EEV
Refrigerant Oil	Type		FVC68D(PVE)	FVC69D(PVE)	FVC70D(PVE)	FVC71D(PVE)	FVC72D(PVE)
	Control	cc	1400 + 1400 + 1200 + 1200	1400 + 1400 + 1200 + 1200	1400 + 1400 + 1200 + 1200	1400 + 1400 + 1200 + 1200	1400 + 1400 + 1400 + 1400
Power Supply	ø/V/Hz		3/380 - 415 / 50	3/380 - 415 / 50	3/380 - 415 / 50	3/380 - 415 / 50	3/380 - 415 / 50
Transmission Cable (VCTF-SB)	No. x mm²		1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C
Piping Length	Total	Max m	300(500)	300(500)	300(500)	300(500)	300(500)
	Actual Longest Piping Length	Max m	150(200)	150(200)	150(200)	150(200)	150(200)
	After 1st Y branch	Max m	40(90)	40(90)	40(90)	40(90)	40(90)
Piping Level Difference	IDU-ODU	Max m	50	50	50	50	50
	IDU-IDU	Max m	40	40	40	40	40
Piping Connection	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)	22.2(7/8)	22.2(7/8)	22.2(7/8)
	Low Pressure Gas	mm(inch)	44.5(1-3/4)	44.5(1-3/4)	53.98(2-1/8)	53.98(2-1/8)	53.98(2-1/8)
	High Pressure Gas	mm(inch)	41.3(1-5/8)	41.3(1-5/8)	41.3(1-5/8)	44.5(1-3/4)	44.5(1-3/4)
Number of Outdoor Units			4	4	4	4	4
Number of Connectable Indoor Units	Max		64	64	64	64	64
Ratio of the Connectable Indoor Units	Min-Max		50 - 130%	50 - 130%	50 - 130%	50 - 130%	50 - 130%
Heat Exchanger	Type		Stainless Steel Plate	Stainless Steel Plate	Stainless Steel Plate	Stainless Steel Plate	Stainless Steel Plate
	Pressure Resistance	Max kgf/cm²	45	45	45	45	45
	Nom Water Flow	L/min	192 + 192 + 116 + 96	192 + 192 + 116 + 116	192 + 192 + 135 + 135	192 + 192 + 135 + 135	192 + 192 + 154 + 135
	Head Loss	kPa	30.1 + 30.1 + 21.8 + 15.8	30.1 + 30.1 + 21.8 + 21.8	30.1 + 30.1 + 28.6 + 28.6	30.1 + 30.1 + 28.6 + 28.6	30.1 + 30.1 + 19.4 + 28.6
Water Connection pipe	Inlet	mm(inch)	PT 40 + PT 40 + PT 40 + PT 40	PT 40 + PT 40 + PT 40 + PT 40	PT 40 + PT 40 + PT 40 + PT 40	PT 40 + PT 40 + PT 40 + PT 40	PT 40 + PT 40 + PT 40 + PT 40
	Outlet	mm(inch)	PT 40 + PT 40 + PT 40 + PT 40	PT 40 + PT 40 + PT 40 + PT 40	PT 40 + PT 40 + PT 40 + PT 40	PT 40 + PT 40 + PT 40 + PT 40	PT 40 + PT 40 + PT 40 + PT 40
Drain Outlet	mm		20	20	20	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			72	74	76	78	80
Model	Combination unit		ARWB720LAS4	ARWB740LAS4	ARWB760LAS4	ARWB780LAS4	ARWB800LAS4
		Independent unit	ARWB140LAS4	ARWB140LAS4	ARWB180LAS4	ARWB180LAS4	ARWB200LAS4
		ARWB180LAS4	ARWB200LAS4	ARWB180LAS4	ARWB200LAS4	ARWB200LAS4	
		ARWB200LAS4	ARWB200LAS4	ARWB200LAS4	ARWB200LAS4	ARWB200LAS4	
		ARWB200LAS4	ARWB200LAS4	ARWB200LAS4	ARWB200LAS4	ARWB200LAS4	
Capacity	Cooling	Nom kW	201.6	207.2	212.8	218.4	224
	Heating	Nom kW	226.8	233.1	239.4	245.7	252
Power Input	Cooling	Nom kW	39.93	41.44	41.78	43.29	44.8
	Heating	Nom kW	41.64	43.18	43.6	45.14	46.68
EER			5.05	5.00	5.09	5.05	5.00
COP			5.45	5.40	5.49	5.44	5.40
ESEER			7.03	7.01	7.05	7.03	7.01
Operation Range	Cooling	Min-Max °C DB	10°C - 45°C	10°C - 45°C	10°C - 45°C	10°C - 45°C	10°C - 45°C
	Heating	Min-Max °C WB	-5°C - 45°C	-5°C - 45°C	-5°C - 45°C	-5°C - 45°C	-5°C - 45°C
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Number of Compressor		4	4	4	4	4
Sound Pressure (Cooling)		Nom dBA	61	61	58	58	57
Sound Pressure (Heating)		Nom dBA	63	63	63	63	63
Sound Power (Cooling)		Nom dBA	75	75	72	72	71
Sound Power (Heating)		Nom dBA	77	77	77	77	77
Dimensions	WxHxD	mm	(755 × 997 × 500) × 4	(755 × 997 × 500) × 4	(755 × 997 × 500) × 4	(755 × 997 × 500) × 4	(755 × 997 × 500) × 4
Net Weight		kg	(140 × 3) + (127 × 1)	(140 × 3) + (127 × 1)	140 × 4	140 × 4	140 × 4
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A
	Charge	kg	30 + 30 + 30 + 58	30 + 30 + 30 + 58	30 + 30 + 30 + 58	30 + 30 + 30 + 58	30 + 30 + 30 + 58
	Control		EEV	EEV	EEV	EEV	EEV
Refrigerant Oil	Type		FVC73D(PVE)	FVC74D(PVE)	FVC75D(PVE)	FVC76D(PVE)	FVC77D(PVE)
	Control	cc	1400 + 1400 + 1400 + 1200	1400 + 1400 + 1400 + 1200	1400 + 1400 + 1400 + 1400	1400 + 1400 + 1400 + 1400	1400 + 1400 + 1400 + 1400
Power Supply	ø/V/Hz		3/380 - 415 / 50	3/380 - 415 / 50	3/380 - 415 / 50	3/380 - 415 / 50	3/380 - 415 / 50
Transmission Cable (VCTF-SB)	No. x mm²		1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C
Piping Length	Total	Max m	300(500)	300(500)	300(500)	300(500)	300(500)
	Actual Longest Piping Length	Max m	150(200)	150(200)	150(200)	150(200)	150(200)
	After 1st Y branch	Max m	40(90)	40(90)	40(90)	40(90)	40(90)
Piping Level Difference	IDU-ODU	Max m	50	50	50	50	50
	IDU-IDU	Max m	40	40	40	40	40
Piping Connection	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)	22.2(7/8)	22.2(7/8)	22.2(7/8)
	Low Pressure Gas	mm(inch)	53.98(2-1/8)	53.98(2-1/8)	53.98(2-1/8)	53.98(2-1/8)	53.98(2-1/8)
	High Pressure Gas	mm(inch)	44.5(1-3/4)	44.5(1-3/4)	44.5(1-3/4)	44.5(1-3/4)	44.5(1-3/4)
Number of Outdoor Units			4	4	4	4	4
Number of Connectable Indoor Units	Max		64	64	64	64	64
Ratio of the Connectable Indoor Units	Min-Max		50 - 130%	50 - 130%	50 - 130%	50 - 130%	50 - 130%
Heat Exchanger	Type		Stainless Steel Plate	Stainless Steel Plate	Stainless Steel Plate	Stainless Steel Plate	Stainless Steel Plate
	Pressure Resistance	Max kgf/cm²	45	45	45	45	45
	Nom Water Flow	L/min	192 + 192 + 173 + 135	192 + 192 + 173 + 135	192 + 192 + 173 + 173	192 + 192 + 173 + 173	192 + 192 + 192 + 192
	Head Loss	kPa	30.1 + 30.1 + 24.0 + 28.6	30.1 + 30.1 + 24.0 + 28.6	30.1 + 30.1 + 24.0 + 24.0	30.1 + 30.1 + 24.0	30.1 + 30.1 + 30.1 + 30.1
Water Connection pipe	Inlet	mm(inch)	PT 40 + PT 40 + PT 40 + PT 40	PT 40 + PT 40 + PT 40 + PT 40	PT 40 + PT 40 + PT 40 + PT 40	PT 40 + PT 40 + PT 40 + PT 40	PT 40 + PT 40 + PT 40 + PT 40
	Outlet	mm(inch)	PT 40 + PT 40 + PT 40 + PT 40	PT 40 + PT 40 + PT 40 + PT 40	PT 40 + PT 40 + PT 40 + PT 40	PT 40 + PT 40 + PT 40 + PT 40	PT 40 + PT 40 + PT 40 + PT 40
Drain Outlet	mm		20	20	20	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)
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