



HP			8	10	12
Model	Combination unit		ARUB080LTE4	ARUB100LTE4	ARUB120LTE4
	Independent unit		ARUB080LTE4	ARUB100LTE4	ARUB120LTE4
Capacity	Cooling	Nom kW	22.4	28.0	33.6
	Heating	Nom kW	25.2	31.5	37.8
Low Temperature Capacity	Heating -7°C	Max kW	25.2	31.5	37.8
	Cooling	Nom kW	4.38	5.38	6.85
Power Input	Heating	Nom kW	4.58	5.49	7.80
	Heating -7°C	Max kW	6.54	9.13	11.52
COP	Cooling		5.11	5.20	4.91
	Heating		5.50	5.74	4.85
Operation Range	Cooling	Min-Max °C DB	-10°C - 43°C	-10°C - 43°C	-10°C - 43°C
	Heating	Min-Max °C WB	-25°C - 18°C	-25°C - 18°C	-25°C - 18°C
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Number of Compressor		1	1	1
Fan	Type		Propeller fan	Propeller fan	Propeller fan
	Motor Type		DC Inverter motor	DC Inverter motor	DC Inverter motor
	Max static pressure		8mmAq(80Pa)	8mmAq(80Pa)	8mmAq(80Pa)
Airflow Rate	Cooling	Max m ³ /min	210	210	210
Sound Pressure		Max dBA	58.5	59.0	59.0
Sound Power		Max dBA	78.0	79.0	79.0
Dimensions		WxHxD mm	(920 × 1,680 × 760) × 1	(920 × 1,680 × 760) × 1	(920 × 1,680 × 760) × 1
Net Weight		kg	202 × 1	208 × 1	208 × 1
	Type		R410A	R410A	R410A
Refrigerant	Charge	kg	7.5	7.5	7.5
	Control		EEV	EEV	EEV
Refrigerant Oil	Type		FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
Power Supply		ø/V/Hz	3 / 380-415 / 50	3 / 380-415 / 50	3 / 380-415 / 50
Transmission Cable (VCTF-SB)		No. x mm ²	2C × 1.0 - 1.5	2C × 1.0 - 1.5	2C × 1.0 - 1.5
Piping Length	Total	Max m	1,000	1,000	1,000
	Actual Longest Piping Length *	Max m	200(225)	200(225)	200(225)
	After 1st Y branch **	Max m	40(90)	40(90)	40(90)
Piping Level Difference	IDU-ODU	Max m	110	110	110
	IDU-IDU	Max m	40	40	40
Piping Connection	Liquid	mm(inch)	9.52(3/8)	9.52(3/8)	12.7(1/2)
	Low Pressure Gas	mm(inch)	19.05(3/4)	22.2(7/8)	28.58(1-1/8)
	High Pressure Gas	mm(inch)	15.88(5/8)	19.05(3/4)	19.05(3/4)
Number of Outdoor Units			1	1	1
Number of Connectable Indoor Units ***	Max		13(20)	16(25)	20(30)
Ratio of the Connectable Indoor Units	Min-Max		50 - 200%	50 - 200%	50 - 200%
Heat exchanger	Type		Wide Louver Plus Fin	Wide Louver Plus Fin	Wide Louver Plus Fin



HP			14	16	18	20
Model	Combination unit		ARUB140LTE4	ARUB160LTE4	ARUB180LTE4	ARUB200LTE4
	Independent unit		ARUB140LTE4	ARUB160LTE4	ARUB180LTE4	ARUB200LTE4
Capacity	Cooling	Nom kW	39.2	44.8	50.4	56.0
	Heating	Nom kW	44.1	50.4	56.7	63.0
Low Temperature Capacity	Heating -7°C	Max kW	44.1	50.4	56.7	63.0
	Cooling	Nom kW	8.48	10.42	9.85	11.54
Power Input	Heating	Nom kW	9.60	11.40	11.25	13.36
	Heating -7°C	Max kW	12.83	15.07	16.41	17.53
COP	Cooling		4.62	4.30	5.12	4.85
	Heating		4.59	4.42	5.04	4.72
Operation Range	Cooling	Min-Max °C DB	-10°C - 43°C	-10°C - 43°C	-10°C - 43°C	-10°C - 43°C
	Heating	Min-Max °C WB	-25°C - 18°C	-25°C - 18°C	-25°C - 18°C	-25°C - 18°C
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Number of Compressor		1	1	2	2
Fan	Type		Propeller fan	Propeller fan	Propeller fan	Propeller fan
	Motor Type		DC Inverter motor	DC Inverter motor	DC Inverter motor	DC Inverter motor
	Max static pressure		8mmAq(80Pa)	8mmAq(80Pa)	8mmAq(80Pa)	8mmAq(80Pa)
Airflow Rate	Cooling	Max m ³ /min	290	290	290	290
Sound Pressure		Max dBA	59.0	59.0	59.5	59.5
Sound Power		Max dBA	79.0	79.0	79.5	79.5
Dimensions		WxHxD mm	(1,240 × 1,680 × 760) × 1	(1,240 × 1,680 × 760) × 1	(1,240 × 1,680 × 760) × 1	(1,240 × 1,680 × 760) × 1
Net Weight		kg	245 × 1	245 × 1	280 × 1	280 × 1
	Type		R410A	R410A	R410A	R410A
Refrigerant	Charge	kg	10.5	10.5	10.5	10.5
	Control		EEV	EEV	EEV	EEV
Refrigerant Oil	Type		FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)	FVC68D(PVE)
Power Supply		ø/V/Hz	3 / 380-415 / 50	3 / 380-415 / 50	3 / 380-415 / 50	3 / 380-415 / 50
Transmission Cable (VCTF-SB)		No. x mm ²	2C × 1.0 - 1.5	2C × 1.0 - 1.5	2C × 1.0 - 1.5	2C × 1.0 - 1.5
Piping Length	Total	Max m	1,000	1,000	1,000	1,000
	Actual Longest Piping Length *	Max m	200(225)	200(225)	200(225)	200(225)
	After 1st Y branch **	Max m	40(90)	40(90)	40(90)	40(90)
Piping Level Difference	IDU-ODU	Max m	110	110	110	110
	IDU-IDU	Max m	40	40	40	40
Piping Connection	Liquid	mm(inch)	12.7(1/2)	12.7(1/2)	15.88(5/8)	15.88(5/8)
	Low Pressure Gas	mm(inch)	28.58(1-1/8)	28.58(1-1/8)	28.58(1-1/8)	28.58(1-1/8)
	High Pressure Gas	mm(inch)	22.2(7/8)	22.2(7/8)	22.2(7/8)	22.2(7/8)
Number of Outdoor Units			1	1	1	1
Number of Connectable Indoor Units ***	Max		23(35)	26(40)	29(45)	32(50)
Ratio of the Connectable Indoor Units	Min-Max		50 - 200%	50 - 200%	50 - 200%	50 - 200%
Heat exchanger	Type		Wide Louver Plus Fin	Wide Louver Plus Fin	Wide Louver Plus Fin	Wide Louver Plus Fin