

HP					42	44	46
Model	Combination unit				ARUB420LTE4	ARUB440LTE4	ARUB460LTE4
	Independent unit				ARUB100LTE4	ARUB100LTE4	ARUB100LTE4
					ARUB140LTE4	ARUB140LTE4	ARUB160LTE4
					ARUB180LTE4	ARUB200LTE4	ARUB200LTE4
Capacity	Cooling	Nom		kW	17.6	123.2	128.8
	Heating	Nom		kW	132.3	138.6	144.9
Low Temperature Capacity	Heating -7°C	Max		kW	132.3	138.6	144.9
Power Input	Cooling	Nom		kW	23.71	25.40	27.34
	Heating	Nom		kW	26.34	28.45	30.25
Low Temperature Power Input	Heating -7°C	Max		kW	38.37	39.49	41.73
COP	Cooling				0.74	4.85	4.71
	Heating				5.02	4.87	4.79
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				4	4	4
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	290 x 2 + 210	290 x 2 + 210	290 x 2 + 210
Sound Pressure		Max		dBA	63.9	63.9	63.9
Sound Power		Max		dBA	83.9	83.9	83.9
Dimensions		WxHxD		mm	(1,240 × 1,680 × 760) × 2 + (920 × 1,680 × 760) × 1	(1,240 × 1,680 × 760) × 2 + (920 × 1,680 × 760) × 1	(1,240×1,680×760)×2 + (920×1,680×760)×1
Net Weight				kg	280 × 1 + 245 x 1 + 208 × 1	280 × 1 + 245 x 1 + 208 × 1	280 × 1 + 245 x 1 + 208 × 1
Refrigerant	Type				R410A	R410A	R410A
	Charge			kg	(10.5 × 2) + 7.5	(10.5 × 2) + 7.5	(10.5 × 2) + 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)	19.05(3/4)	19.05(3/4)	19.05(3/4)
	Low Pressure Gas			mm(inch)	41.3(1-5/8)	41.3(1-5/8)	41.3(1-5/8)
	High Pressure Gas			mm(inch)	34.9(1-3/8)	34.9(1-3/8)	34.9(1-3/8)
Number of Outdoor Units					3	3	3
Number of Connectable Indoor Units ***		Max			64	64	64
Ratio of the Connectable Indoor Units		Min-Max			50 ~ 130%	50 ~ 130%	50 ~ 130%
Heat exchanger	Type				Wide Louver Plus Fin	Wide Louver Plus Fin	Wide Louver Plus Fin



HP					48	50	52
Model	Combination unit				ARUB480LTE4	ARUB500LTE4	ARUB520LTE4
	Independent unit				ARUB100LTE4	ARUB100LTE4	ARUB120LTE4
					ARUB180LTE4	ARUB200LTE4	ARUB200LTE4
					ARUB200LTE4	ARUB200LTE4	ARUB200LTE4
Capacity	Cooling	Nom		kW	134.4	140.0	145.6
	Heating	Nom		kW	151.2	157.5	163.8
Low Temperature Capacity	Heating -7°C	Max		kW	151.2	157.5	163.8
Power Input	Cooling	Nom		kW	26.77	28.46	29.93
	Heating	Nom		kW	30.10	32.21	34.52
Low Temperature Power Input	Heating -7°C	Max		kW	43.07	44.19	46.58
COP	Cooling				5.02	4.92	4.86
	Heating				5.02	4.89	4.75
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				5	5	5
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	290 x 2 + 210	290 x 2 + 210	290 x 2 + 210
Sound Pressure		Max		dBA	64.1	64.1	64.1
Sound Power		Max		dBA	84.1	84.1	84.1
Dimensions		WxHxD		mm	(1,240×1,680×760)×2 + (920×1,680×760)×1	(1,240×1,680×760)×2 + (920×1,680×760)×1	(1,240×1,680×760)×2 + (920×1,680×760)×1
Net Weight				kg	280 x 2 + 208 × 1	280 x 2 + 208 × 1	280 x 2 + 208 × 1
Refrigerant	Type				R410A	R410A	R410A
	Charge			kg	(10.5 × 2) + 7.5	(10.5 × 2) + 7.5	(10.5 × 2) + 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)	19.05(3/4)	19.05(3/4)	19.05(3/4)
	Low Pressure Gas			mm(inch)	41.3(1-5/8)	41.3(1-5/8)	41.3(1-5/8)
	High Pressure Gas			mm(inch)	34.9(1-3/8)	34.9(1-3/8)	34.9(1-3/8)
Number of Outdoor Units					3	3	3
Number of Connectable Indoor Units ***		Max			64	64	64
Ratio of the Connectable Indoor Units		Min-Max			50 ~ 130%	50 ~ 130%	50 ~ 130%
Heat exchanger	Type				Wide Louver Plus Fin	Wide Louver Plus Fin	Wide Louver Plus Fin