



3Ø 4HP,5HP,6HP

3Ø / 380V

HP		4	
Model	Combination unit	ARUN40LS2A	
Capacity	Cooling	Nom	kW
	Heating	Nom	kW
Low Temperature Capacity	Heating -7°C	Max	kW
		Nom	kW
Power Input	Cooling	Nom	kW
	Heating	Nom	kW
Low Temperature Power Input	Heating -7°C	Max	kW
		Nom	kW
COP	Cooling		
	Heating		
Operation Range	Cooling	Min-Max	°C DB
	Heating	Min-Max	°C WB
Compressor	Type	DC INV Rotary	
	Number of Compressor	1	
Fan	Type	BLDC	
	Motor Type	BLDC motor	
Airflow Rate	Cooling	Max	m ³ /min
Sound Pressure		Max	dBA
Dimensions	WxHxD	mm	950 x 1,380 x 330
Net Weight			kg
Refrigerant	Type	R410A	
	Charge	kg	3.0
	Control	EEV	
Refrigerant Oil	Type	FVC68D	
	Control	cc	1,300
Power Supply		ø/V/Hz	3 / 380-415 / 50
Transmission Cable (VCTF-SB)		No. x mm ²	2C x 1.0 - 1.5
Piping Length	Total	Max	m
	Actual Longest Piping Length *	Max	m
	After 1st Y branch **	Max	m
Piping Level Difference	IDU-ODU	Max	m
	IDU-IDU	Max	m
Piping Connection	Liquid	mm(inch)	9.52(3/8)
	Gas	mm(inch)	15.88(5/8)
Number of Outdoor Units			1
Number of Connectable Indoor Units ***	Max		6
Ratio of the Connectable Indoor Units	Min-Max		50 - 130%
Heat exchanger	Type	Wide Louver Plus Fin	

Note :

1. Capacities are based on the following conditions

Cooling - Indoor temp. 27°C(80.6°F)DB / 19°C(66.2°F)WB
 Outdoor temp. 35°C(95°F)DB / 24°C(75.2°F)WB
 Interconnecting piping length 7.5m
 Level difference of zero

Heating - Indoor temp. 20°C(68°F)DB / 15°C(59°F)WB
 Outdoor temp. 7°C(44.6°F)DB / 6°C(42.8°F)WB
 Interconnecting piping length 7.5m
 Level difference of zero

2. Capacities are net capacities
 3. Due to our policy of innovation some specifications may be changed without notification
 4. EEV : Electronic Expansion Valve

* () : equivalent length
 ** () : In case of outdoor unit installed lower than indoor unit



3Ø 4HP,5HP,6HP

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HP		5		6	
Model	Combination unit	ARUN50LS2A		ARUN60LS2A	
Capacity	Cooling	Nom	kW	14.0	15.5
	Heating	Nom	kW	16.0	18.0
Low Temperature Capacity	Heating -7°C	Max	kW	14.6	16.4
		Nom	kW	3.5	4.2
Power Input	Cooling	Nom	kW	3.9	4.6
	Heating	Nom	kW	4.76	5.61
Low Temperature Power Input	Heating -7°C	Max	kW	4.76	5.61
		Nom	kW	4.00	3.69
COP	Cooling			4.00	3.69
	Heating			4.10	3.91
Operation Range	Cooling	Min-Max	°C DB	-5°C - 48°C	-5°C - 48°C
	Heating	Min-Max	°C WB	-20°C - 16°C	-20°C - 16°C
Compressor	Type	DC INV Rotary		DC INV Rotary	
	Number of Compressor	1		1	
Fan	Type	BLDC		BLDC	
	Motor Type	BLDC motor		BLDC motor	
Airflow Rate	Cooling	Max	m ³ /min	110	110
Sound Pressure		Max	dBA	53	54
Dimensions	WxHxD	mm	950 x 1,380 x 330	950 x 1,380 x 330	
Net Weight			kg	107	107
Refrigerant	Type	R410A		R410A	
	Charge	kg	3.0	3.0	
	Control	EEV		EEV	
Refrigerant Oil	Type	FVC68D		FVC68D	
	Control	cc	1,300	1,300	
Power Supply		ø/V/Hz	3 / 380-415 / 50	3 / 380-415 / 50	
Transmission Cable (VCTF-SB)		No. x mm ²	2C x 1.0 - 1.5	2C x 1.0 - 1.5	
Piping Length	Total	Max	m	300	300
	Actual Longest Piping Length *	Max	m	150(175)	150(175)
	After 1st Y branch **	Max	m	40	40
Piping Level Difference	IDU-ODU	Max	m	50(40)	50(40)
	IDU-IDU	Max	m	15	15
Piping Connection	Liquid	mm(inch)	9.52(3/8)	9.52(3/8)	
	Gas	mm(inch)	15.88(5/8)	19.05(3/4)	
Number of Outdoor Units			1	1	
Number of Connectable Indoor Units ***	Max		8	9	
Ratio of the Connectable Indoor Units	Min-Max		50 - 130%	50 - 130%	
Heat exchanger	Type	Wide Louver Plus Fin		Wide Louver Plus Fin	

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