



HP			72	74	76	78	80
Model	Combination unit		ARUN72OLTE4	ARUN74OLTE4	ARUN76OLTE4	ARUN80OLTE4	ARUN80OLTE4
	Independent unit		ARUN20OLTE4	ARUN20OLTE4	ARUN20OLTE4	ARUN20OLTE4	ARUN20OLTE4
			ARUN20OLTE4	ARUN20OLTE4	ARUN20OLTE4	ARUN20OLTE4	ARUN20OLTE4
			ARUN18OLTE4	ARUN18OLTE4	ARUN18OLTE4	ARUN20OLTE4	ARUN20OLTE4
			ARUN14OLTE4	ARUN16OLTE4	ARUN18OLTE4	ARUN18OLTE4	ARUN20OLTE4
Capacity	Cooling	Nom	201.6	207.2	212.8	218.4	224.0
	Heating	Nom	226.8	233.1	239.4	245.7	252.0
Low Temperature Capacity	Heating -7°C	Max	226.8	233.1	239.4	245.7	252.0
	Cooling	Nom	41.41	43.35	42.78	44.47	46.16
Power Input	Heating	Nom	47.57	49.37	49.22	51.33	53.44
	Low Temperature Power Input	Heating -7°C	Max	64.30	66.54	65.20	69.00
COP	Cooling		4.87	4.78	4.97	4.91	4.85
	Heating		4.77	4.72	4.86	4.79	4.72
ESEER			7.03	7.00	6.98	6.88	6.78
Operation Range	Cooling	Min-Max °C DB	-10°C - 43°C	-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	-15°C - 18°C
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Number of Compressor		7	7	8	8	8
	Type		Propeller fan	Propeller fan	Propeller fan	Propeller fan	Propeller fan
Fan	Motor Type		DC Inverter motor	DC Inverter motor	DC Inverter motor	DC Inverter motor	DC Inverter motor
	Max static pressure		8mmAq(80Pa)	8mmAq(80Pa)	8mmAq(80Pa)	8mmAq(80Pa)	8mmAq(80Pa)
Airflow Rate	Cooling	Max	290 x 4	290 x 4	290 x 4	290 x 4	290 x 4
Sound Pressure		Max	65.4	65.4	65.5	65.5	65.5
Sound Power		Max	85.4	85.4	85.5	85.5	85.5
Dimensions	WxHxD	mm	(1,240x1,680x760)x4	(1,240x1,680x760)x4	(1,240x1,680x760)x4	(1,240x1,680x760)x4	(1,240x1,680x760)x4
Net Weight		kg	280 x 3 + 245 x 1	280 x 3 + 245 x 1	280 x 4	280 x 4	280 x 4
	Type		R410A	R410A	R410A	R410A	R410A
Refrigerant	Charge	kg	10.5 x 4	10.5 x 4	10.5 x 4	10.5 x 4	10.5 x 4
	Control		EEV	EEV	EEV	EEV	EEV
Refrigerant Oil	Type		FVC68D(PVE)	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	3/380-415/50
Transmission Cable (VCTF-SB)		No. x mm ²	2C x 1.0 - 1.5	2C x 1.0 - 1.5	2C x 1.0 - 1.5	2C x 1.0 - 1.5	2C x 1.0 - 1.5
Piping Length	Total	Max	1000	1000	1000	1000	1000
	Actual Longest Piping Length *	Max	200(225)	200(225)	200(225)	200(225)	200(225)
	After 1st Y branch **	Max	40(90)	40(90)	40(90)	40(90)	40(90)
Piping Level Difference	IDU-ODU	Max	110	110	110	110	110
	IDU-IDU	Max	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)
	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)
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		Wide Louver Plus Fin	Wide Louver Plus Fin	Wide Louver Plus Fin	Wide Louver Plus Fin	Wide Louver Plus Fin

* () : equivalent length
 ** Conditional Application
 To make 40-90m of pipe length after first branch refer to the part of "Installation of outdoor units" in PDB
 *** () : the number of max. connectable indoor units, for max indoor unit combination ratio (refer to the table below)

Note :

- Capacities are based on the following conditions
 Cooling - Indoor temp. 27°C(80.6°F)DB / 19°C(66.2°F)WB Heating - Indoor temp. 20°C(68°F)DB / 15°C(59°F)WB
 Outdoor temp. 35°C(95°F)DB / 24°C(75.2°F)WB Outdoor temp. 7°C(44.6°F)DB / 6°C(42.8°F)WB
 Interconnecting piping length 7.5m Interconnecting piping length 7.5m
 Level difference of zero Level difference of zero
- Capacities are net capacities
- Due to our policy of innovation some specifications may be changed without notification
- EEV : Electronic Expansion Valve
- ESEER calculation corresponds with below conditions and power input of indoor units is not included.
 - Indoor temperature: 27°C(80.6°F) DB / 19°C(66.2°F) WB
 - Outdoor temperature conditions.

Part Load Ratio	Outdoor Air Temp.(°C/°F)DB	Weighting Coefficients
100%	35 (95)	0.03
75%	30 (86)	0.33
50%	25 (77)	0.41
25%	20 (68)	0.23

- Formula : 0.03 x EER_{100%} + 0.33 x EER_{75%} + 0.41 x EER_{50%} + 0.23 x EER_{25%}

CAUTION

- A combination operation over 100% cause to reduce each indoor unit capacity
- Combination ratio(50-200%)

No. of outdoor unit	Connection Capacity
Single unit	200%
Double unit	160%
Triple unit	130%
Over triple unit	130%

We can guarantee the operation only within 130% Combination.
 If you want to connect more than 130% combination, please contact us and discuss the requirement like below.
 1) If the operational capacity of indoor units exceed 130%, then all the indoor units operate under low air flow step mode
 2) Over 130% capacity is same as capacity of 130%. Same remark is valid for power input.