MODEL NAME			RAS-080HNCELW	RAS-100HNCELW	RAS-120HNCELW	RAS-140HNCELW	RAS-160HNCELW	RAS-180HNCELW
Equivalent HP			8HP	10HP	12HP	14HP	16HP	18HP
Combined Outdoor Units			-	-	-	-	-	-
			-	-	-	-	-	-
			-	-	-	-	-	-
			-	-	-	-	-	-
Power Source Specifications			3~/N,[380-415V/50Hz] [380V/60Hz]	3~/N,[380-415V/50Hz] [380V/60Hz]	3~/N,[380-415V/50Hz] [380V/60Hz]	3~/N,[380-415V/50Hz] [380V/60Hz]	3~/N,[380-415V/50Hz] [380V/60Hz]	3~/N,[380-415V/50Hz] [380V/60Hz]
Nominal Capacity	Cooling	KW	22.4	28.0	33.5	40.0	45.0	50.0
Nominal Capacity	Heating	KW	25.0	31.5	37.5	45.0	50.0	54.0
External Dimensions W x D x H		mm	1050x420x1650	1050x420x1650	1050x420x1650	1190x420x1650	1190x420x1650	1190x420x1650
Weight		KG.	185	197	203	219	225	225
Exterior Color (Munsell System)			Natural Gray （1.0Y 8.5/0.5）	Natural Gray （1.0Y 8.5/0.5）	Natural Gray （1.0Y 8.5/0.5）	Natural Gray （1.0Y 8.5/0.5）	Natural Gray （1.0Y 8.5/0.5）	Natural Gray （1.0Y 8.5/0.5）
SPL Anechoic (GB Standard)	Cooling-Heating	db(A)	55-56	59-60	60-62	60-61	62-64	62-64
Power Consumption	Cooling	KW	4.97	6.58	7.84	10.40	11.88	14.14
Power Consumption	Heating	KW	5.08	7.10	8.02	10.23	11.35	13.86
EER	Cooling		4.51	4.26	4.27	3.85	3.79	3.54
COP	Heating		4.92	4.44	4.68	4.40	4.41	3.90
Low Pressure Gas Pipe Sizing		mm	Φ19.05	Φ22.2	Φ25.4	Φ25.4	Φ28.58	Φ28.58
Liquid Pipe Sizing		mm	Φ9.52	Φ9.52	Φ12.7	Φ12.7	Φ12.7	Φ12.7
Operation Temperature Range	Cooling	DB	-5~48(52)	-5~48(52)	-5~48(52)	-5~48(52)	-5~48(52)	-5~48(52)
Operation Temperature Range	Heating	WB	(-20)-15～16	(-20)-15～16	(-20)-15～16	(-20)-15～16	(-20)-15～16	(-20)-15～16
Refrigerant Type			R410A	R410A	R410A	R410A	R410A	R410A
Initial Charge Amount		KG.	6.0	7.7	7.7	8.3	9.6	9.6
Maximum Additional Charge Amount		KG.	15.5	15.5	15.5	17.0	17.0	17.0
IDU Connected Capacity Ratio (%)			50～130%	50～130%	50～130%	50～130%	50～130%	50～130%
No. of Connectable IDUs (recommended)			13 (8)	16 (10)	19 (10)	23 (16)	26 (16)	26 (16)
Connectable Minimum IDU Capacity			0.8HP	0.8HP	0.8HP	0.8HP	0.8HP	0.8HP
External Static Pressure Setting			2 step (30Pa/60Pa)	2 step (30Pa/60Pa)	2 step (30Pa/60Pa)	2 step (30Pa/60Pa)	2 step (30Pa/60Pa)	2 step (30Pa/60Pa)