

DESIGN		GOOD 1	GOOD2				
Project Name		AR5600					
*15 Model Code		AR09HSFNBWKNET	AR09JSFNCWKN**	AR12JSFNCWKN**	AR18JSFNCWKN**	AR24JSFNCWKN**	
*14 Model Code		AR09HSFNBWKNET	AR09HSFNCWKN/ET	AR12HSFNCWKN/ET	AR18HSFNCWKN/EU	AR24HSFNCWKN/EU	
Type	Inverter	Yes	Yes	Yes	Yes	Yes	
	HP	Yes	Yes	Yes	Yes	Yes	
	Universal	Yes	No	No	No	No	
Refrigerant							
Type		R410A	R410A	R410A	R410A	R410A	
Charge (g)		950	840	840	1150	1500	
Additional if (g/m)		15	15	15	15	15	
Capacity							
Cooling		Btu/hr.	8 530	8 530	11 942	17 060	23 202
		(min-max)	4,436-11,260	4,436 - 10,236	4,436 - 12,966	5,459-20,472	7,506-27,296
		kW	2.5	2.5	3.5	5.0	6.8
		(min-max)	1.3 ~ 3.3	1.3 ~ 3.0	1.3~3.8	1.6 ~ 6.0	2.2 ~ 8.0
		Btu/hr.	11 260	10 918	11 942	20 472	27 296
		(min-max)	3,241-16,036	3,173 - 13,648	3,583 - 16,378	4,094-27,978	6,483-34,120
Heating		kW	3.3	3.2	3.5	6.0	8.0
		(min-max)	0.95 ~ 4.70	0.93 - 4.0	1.05-4.80	1.2 ~ 8.2	1.9 ~ 10.0
Energy Efficiency							
Cooling		SEER	5,6	6,1	6,1	6,7	7,0
		(GRADE)	A+	A++	A++	A++	A++
		kWh/annum	156	143	201	261	340
Heating		SCOP@average (P. design 70% 1.)	4,0	3,8	3,8	3,8	3,8
		(GRADE)	A+	A	A	A	A
		kWh/annum	840	847	847	1437	1658
Moisture Removal		l/hr.	0,9	0,9	1,2	1,8	2,4
Air Circulation		Indoor m3/h(Max)	660	540	600	1140	1140
		Outdoor m3/h(Max)	2460	2460	2460	2880	3480
Noise Level power		Indoor dB	54	56	58	58	62
		Outdoor dB	59	59	62	65	67
Electrical Data							
Power Source		V/Hz/Φ	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	
Power Consumption		Cooling W	670	700	1130	1450	2060
		Heating W	910	930	1100	1660	2350
Operating Current		Cooling A	3,6	3,4	5,4	6,8	9
		Heating A	4,4	4,5	5,5	7,8	11
Dimension & Loading Q'ty							
Net Dimension (W*H*D)		Indoor mm	826*261*261	750*249*246	750*249*246	1065*301*294	1065*301*294
		Outdoor mm	720*548*265	720*548*265	720*548*265	880*638*310	880*793*310
Net Weight		Indoor kg	9,5	7,8	7,8	13,0	14,0
		Outdoor kg	29,5	29,0	29,0	43,5	52,5
Shipping Weight		Indoor kg	11,3	9,5	9,5	16,0	17,0
		Outdoor kg	32,0	32,0	32,0	46,5	56,5
Loading Q'ty		W Pipe 20/40/40HC	96/203/233	106/218/250	106/218/250	58/124/143	51/104/123
		W/O Pipe 20/40/40HC					
Technical Information							
SVC Valve		Liquid OD	6,35	6,35	6,35	6,35	6,35
		Gas OD	9,52	9,52	9,52	12,7	15,88
Piping Length		Standard m	5	5	5	5	5
		Max m	15	15	15	30	30
Piping Height		Standard m	8	8	8	15	15
		Max m					
Features							
Air Purification (-13)							
Virus Doctor(S-plasma ion)		No	No	No	No	No	
S-plasma ion Lamp		No	No	No	No	No	
Zero Filter		No	No	No	No	No	
Easy Filter		Yes	Yes	Yes	Yes	Yes	
Full HD Filter		3 CareFilter(HD 60)	3 CareFilter(HD 60)	3 CareFilter(HD 60)	3 CareFilter(HD 60)	3 CareFilter(HD 60)	
Anti Bacteria		Yes	Yes	Yes	Yes	Yes	
Anti Allergy (Allergy Care)		Yes	Yes	Yes	Yes	Yes	
Anti Virus		Yes	Yes	Yes	Yes	Yes	
Optional Filtr (전모델 별도 없음)		No	No	No	No	No	
Auto Clean		Yes	Yes	Yes	Yes	Yes	
Air Flow							
Long Air Flo 14m		Yes	Yes	Yes	Yes	Yes	
Air Flow Control Step (Cooling/Fan)		5 / 4	5 / 4	5 / 4	5 / 4	5 / 4	
Wide Twin Blade 13m / 120°		No	No	No	No	No	
Optimal Single		Yes	Yes	Yes	Yes	Yes	
Auto Air Direction (Up/Down)		Auto	Auto	Auto	Auto	Auto	
Auto Air Direction (Left/Right)		Manual	Manual	Manual	Manual	Manual	
Natural Breeze		Yes	Yes	Yes	Yes	Yes	
Operating Mode							
Auto Restart		Yes	Yes	Yes	Yes	Yes	
Smart Install		Yes	Yes	Yes	Yes	Yes	
Good sleep		Yes	Yes	Yes	Yes	Yes	
d'light cool		No	No	No	No	No	
Fast Cool Turbo Cool		Yes	Yes	Yes	Yes	Yes	
Comfort Cool		Yes	Yes	Yes	Yes	Yes	
2 Step Cooling		Yes	Yes	Yes	Yes	Yes	
Single user mode Smart Saver		Yes	Yes	Yes	Yes	Yes	
Dehumidification Mode		Yes	Yes	Yes	Yes	Yes	
Auto Mode		Yes	Yes	Yes	Yes	Yes	
Fan Mode		Yes	Yes	Yes	Yes	Yes	
Quiet Mode		Yes	Yes	Yes	Yes	Yes	
Smart Saver		No	No	No	No	No	
Turbo		No	No	No	No	No	
Convenience							
Smart Home		No	No	No	No	No	
Wi-Fi Control		Yes	No	No	No	No	
Remote controller Wireless		Yes	Yes	Yes	Yes	Yes	
Remote controller Wired(MWR-WH00/MIM-A00)		Yes	Yes	Yes	Yes	Yes	
Display of energy consumption (Usage)		Yes	No	No	No	No	
Filter Cleaning Indicator		Yes	No	No	No	No	
Pop-up display		No	No	No	No	No	
Indoor Temp 88 Segment		Yes	No	No	No	No	
3 Led Lamp		No	Yes	Yes	Yes	Yes	
Timer Real-time Timer		No	No	No	No	No	
Timer 24-HourTimer		Yes	Yes	Yes	Yes	Yes	
Display On/Off		Yes	No	No	No	No	
Beep On/Off		Yes	Yes	Yes	Yes	Yes	
Auto Change over		Yes	Yes	Yes	Yes	Yes	
Auto Restart		Yes	Yes	Yes	Yes	Yes	
Outdoor Unit							
Compressor Type		BLDC	BLDC	BLDC	Twin BLDC	Twin BLDC	
Anti-corrosion Fin		Yes	Yes	Yes	Yes	Yes	
Multi-channel Condensor		Yes	Yes	Yes	Yes	Yes	
Low Ambient Cooling °C		-10 ~ 46	-10 ~ 46	-10 ~ 46	-10 ~ 46	-10 ~ 46	
Low Ambient Heating °C		-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	
Remote controller Cooling °C		16 ~ 30	16 ~ 30	16 ~ 30	16 ~ 30	16 ~ 30	
Remote controller Heating °C		16 ~ 30	16 ~ 30	16 ~ 30	16 ~ 30	16 ~ 30	