

	Model Name	Indoor Unit		AR09TXEAAWKNEU	AR12TXEAAWKNEU		
	Mode	Outdoor Unit		AR09TXEAAWKXEU	AR12TXEAAWKXEU		
System	Performance	Capacity (Min/Std/Max)	Cooling	kW	0.96 / 2.5 / 3.35	0.99 / 3.5 / 4.0	
			Heating	Btu/h	3,276 / 8,530 / 11,431	3,378 / 11,942 / 13,649	
		Power	Power Input (Min/Std/Max)	Cooling	kW	0.16 / 0.57 / 0.75	0.17 / 0.93 / 1.05
				Heating	kW	0.14 / 0.76 / 1.40	0.14 / 1.07 / 1.56
	Efficiency	Current Input (Min/Std/Max)	Cooling	A	1.2 / 3.4 / 3.8	1.3 / 4.5 / 5	
			Heating	A	1.0 / 3.7 / 6.1	1.0 / 5.1 / 6.8	
	Piping Connections	EER	Cooling	-	4.39	3.76	
			Heating	-	4.21	3.74	
	Wiring connections	SEER (Cooling Energy Grade)		-	7.90 (A++)	7.30 (A++)	
		SCOP (Heating Energy Grade)		-	4.60 (A++)	4.60 (A++)	
	Refrigerant	Pdesighn		kW	2.2	2.4	
		Liquid Pipe	Type		Flare connection	Flare connection	
			Φ, mm (inch)		6.35 (1/4)	6.35 (1/4)	
		Gas Pipe	Type		Flare connection	Flare connection	
	Φ, mm (inch)		9.52 (3/8)	9.52 (3/8)			
	Heat Insulation	Heat Insulation		-	Both liquid and gas pipes	Both liquid and gas pipes	
		Installation Limitation	Max. Length (Outdoor to indoor)	m	15	15	
	Max. Height (Between ID/OD)		m	8	8		
	Power Supply	Power Source Wire		mm <sup>2</sup>	1.5	1.5	
		Communication	Min. Remark	mm <sup>2</sup>	0.75	0.75	
	Type	Type		-	F1, F2	F1, F2	
		Factory Charging		kg	0.94	0.94	
	tCO <sub>2</sub> e	tCO <sub>2</sub> e		l/s	0.63	0.63	
		Ø, #, V, Hz		Ø, #, V, Hz	1,2,220-240,50	1,2,220-240,50	
Heat Exchanger	Type		-	F&T	F&T		
	Material	Fin	-	Al	Al		
Tube		-	Cu	Cu			
Fan	Fin Treatment		-	Green Hydrophile	Green Hydrophile		
	Type		-	Cross Flow	Cross Flow		
Air Flow Rate	Quantity		EA	1	1		
	Cooling (T/H/M/L)	m <sup>3</sup> /min	9.5 / 9.0 / 8.5 / 7.4	10.5 / 10.0 / 9.0 / 7.9			
l/s		158 / 150 / 142 / 123	175 / 167 / 150 / 132				
Heating (T/H/M/L)	m <sup>3</sup> /min	11.1 / 10.5 / 10.0 / 9.0	12.1 / 11.6 / 10.5 / 9.5				
	l/s	185 / 175 / 167 / 150	202 / 193 / 175 / 158				
Fan Motor	Type		-	BLDC	BLDC		
	Output		W x n	27 x 1	27 x 1		
Drain	Drain Pipe		Φ, mm	Φ16.3, 550mm	Φ16.3, 550mm		
	Sound Pressure Level	H / Silent	dB(A)	38 / 16	40 / 16		
dB(A)			54	57			
External Dimension	Net Weight		kg	9.9	9.9		
	Shipping Weight		kg	12.1	12.1		
Casing	Net Dimensions (WxHxD)		mm	889 x 299 x 215	889 x 299 x 215		
	Shipping Dimensions (WxHxD)		mm	950 x 290 x 375	950 x 290 x 375		
Control System	Material		-	HIPS	HIPS		
	Infrared remote control		-	Included	Included		
Wired remote control	MWR-WE13N		-	MWR-WE13N	MWR-WE13N		
	MWR-WG00JN		-	MWR-WG00JN	MWR-WG00JN		
MWR-WG00KN	MWR-WG00KN		-	MWR-WG00KN	MWR-WG00KN		
	MWR-SH11N		-	MWR-SH11N	MWR-SH11N		
Drain Pump	Drain Pump		-	-	-		
	Max. lifting Height / Displacement		mm / Liter/h	-	-		
Additional Accessories	Drain Pump	External Model	-	-	-		
		Internal Model	-	-	-		
Easy Filter Plus	Max. lifting Height / Displacement		mm / Liter/h	-	-		
	Tri-Care Filter		-	Removable / Washable	Removable / Washable		
Motion Detect Sensor	Motion Detect Sensor		-	○	○		
	Wi-Fi		-	○	○		
Outdoor Unit	Power Supply		Ø, #, V, Hz	1, 2, 220-240, 50	1, 2, 220-240, 50		
	Heat Exchanger	Type		-	F&T	F&T	
		Material	Fin	-	Al	Al	
	Tube		-	Cu	Cu		
	Compressor	Fin Treatment		-	Anti-Corrosion	Anti-Corrosion	
		Model Name		-	UB1AR5090FE6	UB1AR5090FE6	
	Output	Type		-	BLDC ROTARY	BLDC ROTARY	
		kW	2.8	2.8			
	Oil	Type	Initial charge	cc	260	260	
			POE	POE			
	Fan	Propeller		-	Propeller	Propeller	
		Discharge direction		-	Front	Front	
	Fan Motor	Quantity		EA	1	1	
		Air Flow Rate		m <sup>3</sup> /min	45	45	
	Sound	l/s		750	750		
		Type	-	BLDC	BLDC		
	Sound Power Level	Output		W x n	40 x 1	40 x 1	
		dB(A)	45	46			
	External Dimension	Net Weight		kg	29.9	29.9	
		Shipping Weight		kg	32.1	32.1	
	Casing	Net Dimensions (WxHxD)		mm	790 x 548 x 285	790 x 548 x 285	
		Shipping Dimensions (WxHxD)		mm	913 x 622 x 371	913 x 622 x 371	
	Operating Temp. Range	Material		-	EGI Steel Plate / PP	EGI Steel Plate / PP	
		Cooling		°C	-10 ~ 46	-10 ~ 46	
Heating		°C	-15 ~ 24	-15 ~ 24			