

	Model Name	Indoor Unit		AR09TXCAAWKNEU	AR12TXCAAWKNEU		
	Mode	Outdoor Unit		AR09TXCAAWKXEU	AR12TXCAAWKXEU		
System	Performance	Capacity (Min/Std/Max)	Cooling	kW	0.9 / 2.5 / 3.6	0.9 / 3.5 / 4.8	
				Btu/h	3,071 / 8,530 / 12,284	3,071 / 11,942 / 16,378	
		Heating		kW	0.8 / 3.2 / 7.1	0.8 / 4 / 7.3	
				Btu/h	2,730 / 10,919 / 24,226	2,730 / 13,649 / 24,909	
	Power	Power Input (Min/Std/Max)	Cooling	kW	0.18 / 0.54 / 0.93	0.18 / 0.89 / 1.45	
			Heating	kW	0.15 / 0.68 / 2.16	0.15 / 0.94 / 2.28	
		Current Input (Min/Std/Max)	Cooling	A	1.2 / 2.9 / 4.5	1.2 / 4.1 / 6.4	
			Heating	A	1.0 / 3.4 / 9.5	1.0 / 4.4 / 10.0	
	Efficiency	EER	Cooling	-	4.63	3.95	
		COP	Heating	-	4.74	4.26	
		SEER (Cooling Energy Grade)		-	8.80 (A+++)	8.50 (A+++)	
		SCOP (Heating Energy Grade)		-	5.10 (A+++)	5.10 (A+++)	
		Pdesignh		-	kW	2.4	
	Piping Connections	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			-	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		
Wiring connections	Power Source Wire		mm ²	1.5	1.5		
	Communication	Min. Remark	mm ²	0.75	0.75		
Refrigerant	Type		-	F1, F2	F1, F2		
	Factory Charging		kg	R32	R32		
			tCO ₂ e	0.965	0.965		
Power Supply			Ø, #, V, Hz	0.65	0.65		
Heat Exchanger	Type		-	1,2,220-240,50	1,2,220-240,50		
	Material	Fin Tube	-	F&T	F&T		
				-	Al	Al	
	Fin Treatment		-	Cu	Cu		
Fan	Type		-	Cross Flow	Cross Flow		
	Quantity		EA	1	1		
	Air Flow Rate	Cooling (T/H/M/L)	m ³ /min	11.1 / 10.1 / 8.6 / 7.1	12.1 / 10.6 / 9.1 / 7.1		
			l/s	185 / 168 / 143 / 118	202 / 177 / 152 / 118		
Heating (T/H/M/L)	m ³ /min	13.1 / 12.1 / 10.6 / 9.1	13.1 / 11.6 / 10.1 / 8.1				
	l/s	218 / 202 / 177 / 152	218 / 193 / 168 / 135				
Fan Motor	Type		-	BLDC	BLDC		
Drain	Output		W x n	27 x 1	27 x 1		
Sound	Drain Pipe		Φ, mm	Ø16.3, 550mm	Ø16.3, 550mm		
	Sound Pressure Level	H / Silent	dB(A)	38 / 16	40 / 16		
			dB(A)	56	58		
External Dimension	Net Weight		kg	10.6	10.6		
	Shipping Weight		kg	12.5	12.7		
	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		
Casing	Material		-	HIPS	HIPS		
Control System	Infrared remote control		-	Included	Included		
	Wired remote control		-	MWR-WE13N MWR-WG00JN MWR-WG00KN MWR-SH11N	MWR-WE13N MWR-WG00JN MWR-WG00KN MWR-SH11N		
Drain Pump	Drain Pump		-	-	-		
	Max. lifting Height / Displacement		mm / Liter/h	-	-		
Additional Accessories	Drain Pump	External Model	-	-	-		
		Internal Model	-	-	-		
		Max. lifting Height / Displacement	mm / Liter/h	-	-		
	Easy Filter Plus		-	Removable / Washable	Removable / Washable		
	Tri-Care Filter		-	○	○		
	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 Tube	-	Al	Al	
				-	Cu	Cu	
		Fin Treatment		-	Anti-Corrosion	Anti-Corrosion	
	Compressor	Model Name		-	KTN130D42UFR	KTN130D42UFR	
		Type		-	BLDC ROTARY	BLDC ROTARY	
		Output		kW	4.09	4.09	
		Oil	Type Initial charge	-	POE	POE	
	cc			350	350		
	Fan	Type		-	Propeller	Propeller	
		Discharge direction		-	Front	Front	
		Quantity		EA	1	1	
		Air Flow Rate	m ³ /min		45	45	
	l/s		750	750			
	Fan Motor	Type		-	BLDC	BLDC	
		Output		W x n	40 x 1	40 x 1	
	Sound	Sound Pressure Level	Cooling	dB(A)	45	46	
				dB(A)	59	62	
	External Dimension	Net Weight		kg	32.5	32.5	
Shipping Weight		kg	34.8	34.8			
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			
Casing	Material	Body	-	EGI Steel Plate / PP	EGI Steel Plate / PP		
Operating Temp. Range	Cooling		°C	-10 ~ 46	-10 ~ 46		
	Heating		°C	-15 ~ 24	-15 ~ 24		