

Specifications

Wind-Free™ Comfort



Indoor Unit			AR09TXFCAWKNEU		AR12TXFCAWKNEU		AR18TXFCAWKNEU		AR24TXFCAWKNEU	
Outdoor Unit			AR09TXFCAWKXEU		AR12TXFCAWKXEU		AR18TXFCAWKXEU		AR24TXFCAWKXEU	
Capacity										
Capacity	Cooling (Nominal)	kW	2.5		3.5		5.0		6.5	
	Cooling (Min–Max)	kW	0.9–3.4		0.9–4.0		1.6–6.7		1.4–7.6	
	Heating @ +7 °C	kW	3.2		3.5		6.0		7.4	
	Heating (Min–Max)	kW	0.9–4.5		0.9–5.0		1.3–8.0		1.2–9.4	
	Heating @ -5 °C	kW	2.74		3.09		4.84		6.00	
	Heating @ -10 °C	kW	2.48		2.87		4.57		5.55	
	Heating @ -15 °C	kW	2.29		2.58		4.58		5.66	
Performance										
Energy Efficiency Cooling	SEER ¹	W/W	6.7/ A++		6.5/ A++		6.8/ A++		6.4/ A++	
	Power Consumption	kWh/a	131		188		257		355	
	Pdesignc	kW	2.5		3.5		5.0		6.5	
	EER	W/W	3.57		2.87		3.60		3.33	
Energy Efficiency Heating	SCOP ¹	W/W	4.0/ A+		4.0/ A+		3.8/ A		3.8/ B	
	Power Consumption	kWh/a	735		770		1,400		1,511	
	Pdesignh (average)	kW	2.1		2.2		3.8		4.1	
	COP ¹	W/W	3.81		3.72		3.51		3.15	
Moisture Removal		l/h	1.0		1.5		2.0		2.5	
Maximum Airflow (Cooling)	Indoor Unit	m³/min	10.3		10.7		16.6		17.3	
	Outdoor Unit	m³/min	28.0		28.0		50.0		50.0	
Sound Power	Indoor Unit (Cooling)	dB(A)	54		56		58		62	
	Outdoor Unit (Cooling)	dB(A)	63		64		65		68	
Sound Pressure	Indoor Unit High/Silent Mode	dB(A)	37/19		38/19		41/25		45/26	
	Outdoor Unit High	dB(A)	46		47		51		54	
Operating Temperature Range	Cooling	°C	-10~46		-10~46		-10~46		-10~46	
	Heating	°C	-15~24		-15~24		-15~24		-15~24	
Electrical Data										
Power Source		Φ, V, Hz	1Φ, 220–240 V, 50 Hz		1Φ, 220–240 V, 50 Hz		1Φ, 220–240 V, 50 Hz		1Φ, 220–240 V, 50 Hz	
Compressor Type	Outdoor Unit	Type	BLDC Rotary		BLDC Rotary		BLDC Rotary		BLDC Rotary	
Power Consumption	Cooling	W	700		1,200		1,390		1,950	
	Heating	W	840		940		1,710		2,350	
Operating Current	Cooling	A	3.4		4.5		6.4		8.8	
	Heating	A	3.7		5.1		7.8		10.5	
Dimensions										
Net Dimensions (W x H x D)	Indoor Unit	mm	820 x 299 x 215		820 x 299 x 215		1,055 x 299 x 215		1,055 x 299 x 215	
	Outdoor Unit	mm	660 x 475 x 242		660 x 475 x 242		880 x 638 x 310		880 x 638 x 310	
Net Weight	Indoor Unit	kg	8.9		8.9		11.5		11.6	
	Outdoor Unit	kg	23.0		23.0		39.7		43.2	
Refrigerant										
Refrigerant	Type	R32 (contains fluorinated greenhouse gases: GWP = 675)								
	Charging (for 5 m)	kg	0.70		0.70		1.30		1.15	
	Charging Ton Equivalent CO ₂	tCO ₂ e	0.47		0.47		0.88		0.78	
	Additional Refrigerant Charging	g/m	15		15		15		15	
Piping Connections	Liquid Pipe	ø, mm (inch)	6.35 (1/4)		6.35 (1/4)		6.35 (1/4)		6.35 (1/4)	
	Gas Pipe	ø, mm (inch)	9.52 (3/8)		9.52 (3/8)		12.70 (1/2)		15.88 (5/8)	
Piping Length	Min/Max (ODU to IDU)	m	3/15		3/15		3/30		3/30	
Piping Height	Max	m	8		8		15		15	
Piping Connections	Drain Pipe	ø, mm	ø16.3, 550 mm		ø16.3, 550 mm		ø16.3, 550 mm		ø16.3, 550 mm	

¹ Energy labels as shown are according to EU No 626/2011 (LOT 10) label classification 2019, on a scale from D to A+++.

