

# Specifications

## Wind-Free™ Comfort



Indoor Unit		AR09TXFCAWKNEU	AR12TXFCAWKNEU	AR18TXFCAWKNEU	AR24TXFCAWKNEU	
Outdoor Unit		AR09TXFCAWKXEU	AR12TXFCAWKXEU	AR18TXFCAWKXEU	AR24TXFCAWKXEU	
<b>Capacity</b>						
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
<b>Performance</b>						
Energy Efficiency Cooling	SEER <sup>1</sup>	W/W	6.7/ A++	6.5/ A++	6.8/ A++	6.4/ A++
	Power Consumption	kWh/a	131	188	257	355
	Pdesignnc	kW	2.5	3.5	5.0	6.5
	EER	W/W	3.57	2.87	3.60	3.33
Energy Efficiency Heating	SCOP <sup>1</sup>	W/W	4.0/ A+	4.0/ A+	3.8/ A	3.8/ A
	Power Consumption	kWh/a	735	770	1,400	1,511
	Pdesignnh (average)	kW	2.1	2.2	3.8	4.1
	COP <sup>1</sup>	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	m <sup>3</sup> /min	10.3	10.7	16.6	17.3
	Outdoor Unit	m <sup>3</sup> /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
<b>Electrical Data</b>						
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
<b>Dimensions</b>						
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
<b>Refrigerant</b>						
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 <sub>2</sub>	tCO <sub>2</sub> 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

### Accessory



### Wireless Remote Controller (included)

<sup>1</sup> Energy labels as shown are according to EU No 626/2011 (LOT10) label classification 2019, on a scale from D to A+++.