

Specifications

Cebu (R32)

- AI Auto Comfort.
- Wi-Fi Control with Samsung SmartThings and Bixby voice controls.
- Compressor with Digital Inverter Boost technology.
- Equipped with NASA communication protocol.
- Direct drive fan powered by a BLDC motor.
- Triple Protector Plus to protect compressor, fan and controller from power surges.



Indoor Unit	Outdoor Unit		AR09TXFYAWKNEU	AR12TXFYAWKNEU	AR18TXFYAWKNEU	AR24TXFYAWKNEU
Capacity						
Capacity	Cooling (Nominal)	kW	2.5	3.5	5.0	6.5
	Cooling (Min-Max)	kW	0.9~4.4	0.9~4.0	1.6~6.7	1.6~7.6
	Heating @ +7°C	kW	3.2	3.5	6.0	7.4
	Heating (Min-Max)	kW	0.9~4.5	0.9~5.0	1.5~8.0	1.3~8.4
	Heating @ +4°C	kW	2.74	3.09	4.84	6.00
	Heating @ +2°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	SEER ¹	W/W	6.7 (A+++)	6.1 (A+++)	6.8 (A+++)	6.4 (A+++)
	Power Consumption	kWh/a	131	188	257	355
	Pdewgnc	kW	2.5	3.5	5.0	6.5
	EEER	W/W	5.97	5.87	5.60	5.57
Energy Efficiency	SCOP	W/W	4.0 (A+++)	4.0 (A+++)	3.8 (A+++)	4.0 (A+++)
Heating	Power Consumption	kWh/a	755	770	1,400	1,511
	Pdewgnc (coverage)	kW	2.1	2.2	3.8	4.1
	CDP	W/W	3.81	3.72	3.53	3.55
Moisture Removal	LN ¹	l/h	1.0	1.5	2.0	2.5
Maximum Airflow	Indoor Unit	m ³ /min	10.5	10.9	16.5	17.7
(Cooling)	Outdoor Unit	m ³ /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	45/28
	Outdoor Unit High	dB(A)	46	47	51	54
Operating	Cooling	°C	+10~46	+10~46	+10~46	+10~46
Temperature Range	Heating	°C	+15~24	+15~24	+15~24	+15~24
Electrical Data						
Power Source		Φ, V, Hz	10, 220~240 V, 50 Hz	10, 220~240 V, 50 Hz	10, 220~240 V, 50 Hz	10, 220~240 V, 50 Hz
Compressor Type	Outdoor Unit	Type	BLDC Rotary	BLDC Rotary	BLDC Rotary	BLDC Rotary
Power Consumption	Cooling	W	700	1,220	1,390	1,950
	Heating	W	840	940	1,700	2,350
Operating Current	Cooling	A	3.6	5.6	6.4	8.8
	Heating	A	4.0	4.5	7.8	10.5
Dimensions						
Net Dimensions	Indoor Unit	mm	870 x 299 x 215	820 x 299 x 215	1,055 x 299 x 215	1,055 x 299 x 215
(W x H x D)	Outdoor Unit	mm	665 x 475 x 242	660 x 475 x 242	880 x 658 x 330	880 x 658 x 330
Net Weight	Indoor Unit	kg	9.1	9.1	11.5	11.6
	Outdoor Unit	kg	22.6	22.6	39.7	43.2
Refrigerant						
Refrigerant	Type		R32 (low Global Warming Potential greenhouse gases, GWP = 675)			
	Charging (for 5 m)	kg	0.70	0.70	1.30	1.30
	Charging (on Equivalent CO ₂)	KCO ₂ e	0.47	0.47	0.88	0.88
	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)	9.52 (3/8)	9.52 (3/8)
Piping Length	Min/Max (DBU to IDU)	m	3/15	3/15	3/15	3/15
Piping Height	Max	m	8	8	8	8
Piping Connections	Drain Pipe	ø, mm	ø16.3, 550 mm	ø16.3, 550 mm	ø16.3, 550 mm	ø16.3, 550 mm



Indoor Unit	Outdoor Unit		AR09TXFYAWKNEU	AR12TXFYAWKNEU	AR18TXFYAWKNEU	AR24TXFYAWKNEU
Functions						
Airflow	Wind-Free™ Cooling					
	Air Direction Control (Up/Down)	Auto		Auto	Auto	Auto
	Air Direction Control (Left/Right)	Manual		Manual	Manual	Manual
	Auto Fan Speed	•	•	•	•	•
Air Purification	Hi-Care Filter	•	•	•	•	•
	Easy Filter Plus	•	•	•	•	•
	Auto Clean (Self-Cleaning)	•	•	•	•	•
Operating Mode	AI Auto Comfort with Wi-Fi & MOS					
	Direct Indirect	•	•	•	•	•
	AI Auto Comfort with Wi-Fi	•	•	•	•	•
	Auto Mode (without Wi-Fi)	•	•	•	•	•
	Fast Cooling	•	•	•	•	•
	Good Sleep	•	•	•	•	•
	Eco	•	•	•	•	•
	Dehumidification	•	•	•	•	•
	Fan	•	•	•	•	•
	Quiet	•	•	•	•	•
Other Functions	Samsung SmartThings	•	•	•	•	•
	MOS (Motion Detect Sensor)	•	•	•	•	•
	Indoor Temperature Display	•	•	•	•	•
	Display On/Off	•	•	•	•	•
	Beep On/Off	•	•	•	•	•
	Auto Changeover	•	•	•	•	•
	Auto Restart	•	•	•	•	•

Accessory

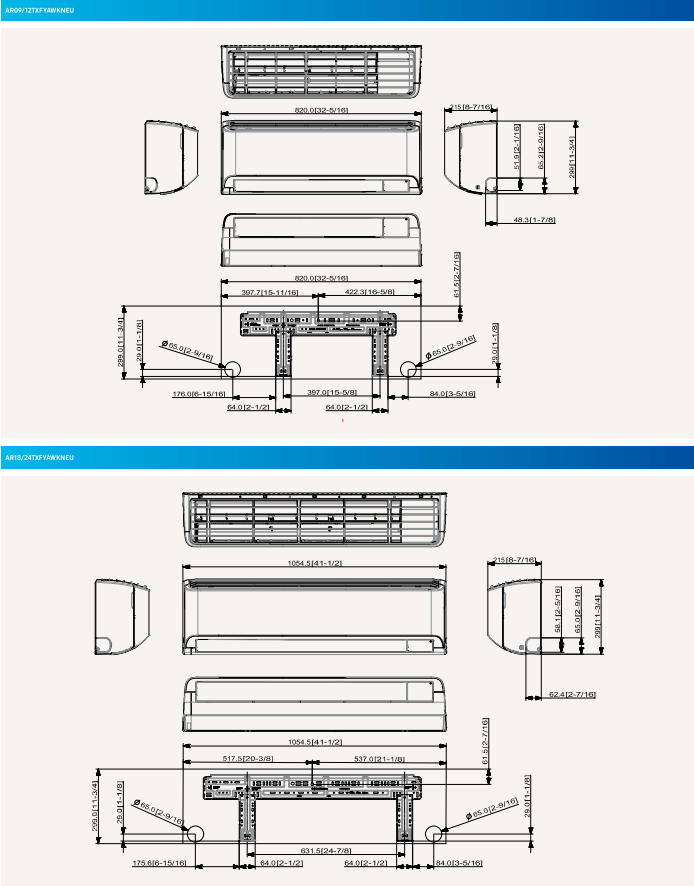


Wireless
Remote Controller (Included)

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

Dimensional drawings

Cebu - Indoor



Cebu - Outdoor

