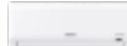
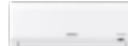


Specifications

AR35 and AR30 R32

- Digital Inverter Compressor.
- HD Filter system.
- 2-Way Auto Swing function to automatically control airflow direction.
- Fin Protector to protect condensor and optimise Heat Exchanger performance.

			AR35				AR30		
									
			Indoor Unit	AR09TXHQASINEU	AR12TXHQASINEU	AR18BXHQASINEU	AR24BXHQASINEU	AR09TXHQBWKNEU	AR12TXHQBWKNEU
			Outdoor Unit	AR09TXHQASIXEU	AR12TXHQASIXEU	AR18BXHQASIXEU	AR24BXHQASIXEU	AR09TXHQBWKXEU	AR12TXHQBWKXEU
Capacity									
Capacity	Cooling (Nominal)	kW	2.6	3.5	5.3	7.0	2.6	3.5	
	Cooling (Min–Max)	kW	0.9–3.4	1.1–4.2	1.8–6.1	2.1–8.0	0.9–3.4	1.1–4.2	
	Heating @ +7 °C	kW	2.9	3.8	5.3	7.3	2.9	3.8	
	Heating (Min–Max)	kW	0.8–3.4	1.1–4.2	1.4–6.7	1.6–8.8	0.8–3.4	1.1–4.2	
Performance									
Energy Efficiency Cooling	SEER ¹	W/W	6.3/ 	6.1/ 	7.1/ 	6.1/ 	6.3/ 	6.1/ 	
	Power Consumption	kWh/a	156	211	261	402	156	211	
	Pdesignc	kW	2.8	3.6	5.2	7.0	2.8	3.6	
	EER	W/W	3.43	2.90	3.21	2.80	3.43	2.90	
Energy Efficiency Heating	SCOP ¹	W/W	4.0/ 	3.9/ 	4.0/ 	3.9/ 	4.0/ 	3.9/ 	
	Power Consumption	kWh/a	910	969	1,470	1,687	910	969	
	Pdesignh (average)	kW	2.6	2.7	4.2	4.7	2.6	2.7	
	COP ¹	W/W	3.91	3.50	3.56	3.00	3.91	3.50	
Moisture Removal		l/h	1.0	1.2	1.8	2.6	1.0	1.2	
Maximum Airflow (Cooling)	Indoor Unit	m³/min	7.77	9.00	14.00	16.33	7.77	9.00	
	Outdoor Unit	m³/min	-	-	-	-	-	-	
Sound Power	Indoor Unit (Cooling)	dB(A)	55	55	55	59	55	55	
	Outdoor Unit (Cooling)	dB(A)	62	65	63	68	62	65	
Sound Pressure	Indoor Unit High/Silent Mode	dB(A)	36/20	37/22	42/30	43/37	36/20	37/22	
	Outdoor Unit High	dB(A)	49	50	51	56	49	50	
Operating Temperature Range	Cooling	°C	-10–46	-10–46	-10–46	-10–46	-10–46	-10–46	
	Heating	°C	-15–24	-15–24	-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	1Φ, 220–240 V, 50 Hz	1Φ, 220–240 V, 50 Hz	
Compressor Type	Outdoor Unit	Type	Digital Inverter	Digital Inverter	Digital Inverter	Digital Inverter	Digital Inverter	Digital Inverter	
Power Consumption	Cooling	W	770	1,213	1,645	2,510	770	1,213	
	Heating	W	750	1,088	1,482	2,442	750	1,088	
Operating Current	Cooling	A	3.3	5.3	7.4	11.15	3.3	5.3	
	Heating	A	3.2	4.7	6.7	11	3.2	4.7	
Dimensions									
Net Dimensions (W x H x D)	Indoor Unit	mm	805 x 285 x 194	805 x 285 x 194	957 x 302 x 213	1,040 x 327 x 220	805 x 285 x 194	805 x 285 x 194	
	Outdoor Unit	mm	720 x 495 x 270	720 x 495 x 270	805 x 554 x 333	890 x 673 x 342	720 x 495 x 270	720 x 495 x 270	
Net Weight	Indoor Unit	kg	8.1	8.1	10.9	13.0	8.1	8.1	
	Outdoor Unit	kg	23.2	23.2	32.7	42.9	23.2	23.2	
Refrigerant									
Refrigerant	Type		R32 (contains fluorinated greenhouse gases. GWP = 675)						
	Charging (for 5 m)	kg	0.55	0.55	1.00	1.60	0.55	0.55	
	Charging Ton Equivalent CO ₂	tCO ₂ e	0.37	0.68	0.68	1.10	0.37	0.37	
	Additional Refrigerant Charging	g/m	12	12	12	12	12	12	
Piping Connections	Liquid Pipe	ø, mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	9.52 (3/8)	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)	9.52 (3/8)	9.52 (3/8)	
Piping Length	Min/Max (ODU to IDU)	m	25	25	30	50	25	25	
Piping Height	Max	m	10	10	20	25	10	10	
Piping Connections	Drain Pipe	ø, mm	-	-	-	-	-	-	



		AR35				AR30	
Indoor Unit		AR09TXHQASINEU	AR12TXHQASINEU	AR18BXHQASINEU	AR24BXHQASINEU	AR09TXHQBWKNEU	AR12TXHQBWKNEU
Outdoor Unit		AR09TXHQASIXEU	AR12TXHQASIXEU	AR18BXHQASIXEU	AR24BXHQASIXEU	AR09TXHQBWKXEU	AR12TXHQBWKXEU
Functions							
Airflow	Air Direction Control (Up/Down)	Auto	Auto	Auto	Auto	Auto	Auto
	Air Direction Control (Left/Right)	Manual	Manual	Manual	Manual	Manual	Manual
	Airflow Control Step (Cool/Fan)	3/3	3/3	3/3	3/3	3/3	3/3
	Auto Fan Speed	●	●	●	●	●	●
Air Purification	Tri-Care Filter	-	-	-	-	-	-
	HD Filter	●	●	●	●	●	●
	Auto Clean (Self-Cleaning)	-	-	-	-	-	-
	2-Step Cooling	-	-	-	-	-	-
Operating Mode	Fast Cooling	●	●	●	●	●	●
	Comfort	-	-	-	-	-	-
	D'light Cool	-	-	-	-	-	-
	Good Sleep	●	●	●	●	●	●
	Dehumidification	●	●	●	●	●	●
	Auto	●	●	●	●	●	●
	Fan	●	●	●	●	●	●
	Quiet	-	-	-	-	-	-
	Wi-Fi Control	-	-	-	-	-	-
Other Functions	24-Hour Timer/Real Timer	●	●	●	●	●	●
	Indoor Temperature Display	●	●	●	●	●	●
	Display On/Off	88 Display	●	●	●	●	●
	Beep On/Off	●	●	●	●	●	●
	Auto Changeover	-	-	-	-	-	-
	Auto Restart	●	●	●	●	●	●

Controls and Accessories



Wireless
Remote Controller

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