

# 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 condenser and optimise Heat Exchanger performance.



Indoor Unit	AR07YHQASINEU	AR12YHQASINEU	AR18YHQASINEU	AR24YHQASINEU	AR35YHQASINEU	AR07YHQBSKINEU	AR12YHQBSKINEU	AR18YHQBSKINEU	AR24YHQBSKINEU	AR35YHQBSKINEU
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Functions	AR07YHQASINEU	AR12YHQASINEU	AR18YHQASINEU	AR24YHQASINEU	AR35YHQASINEU	AR07YHQBSKINEU	AR12YHQBSKINEU	AR18YHQBSKINEU	AR24YHQBSKINEU	AR35YHQBSKINEU
<b>Airflow</b>	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
Air Direction Control (Up/Down)	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual
Air Direction Control (Left/Right)	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3
Airflow Control (Step/Cool/Fan)	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3
Auto Fan Speed	•	•	•	•	•	•	•	•	•	•
<b>Air Purification</b>										
Tri-Care Filter	•	•	•	•	•	•	•	•	•	•
HD Filter	•	•	•	•	•	•	•	•	•	•
Auto Clean (Self-Cleaning)	•	•	•	•	•	•	•	•	•	•
<b>Operating Mode</b>										
2-Step Cooling	•	•	•	•	•	•	•	•	•	•
Fast Cooling	•	•	•	•	•	•	•	•	•	•
Comfort	•	•	•	•	•	•	•	•	•	•
Digital Cool	•	•	•	•	•	•	•	•	•	•
Good Sleep	•	•	•	•	•	•	•	•	•	•
Dehumidification	•	•	•	•	•	•	•	•	•	•
Auto	•	•	•	•	•	•	•	•	•	•
Fan	•	•	•	•	•	•	•	•	•	•
Quiet	•	•	•	•	•	•	•	•	•	•
Wi-Fi Control	•	•	•	•	•	•	•	•	•	•
24-Hour Timer/Real Timer	•	•	•	•	•	•	•	•	•	•
Indoor Temperature Display	•	•	•	•	•	•	•	•	•	•
Display On/Off	•	•	•	•	•	•	•	•	•	•
Beep On/Off	•	•	•	•	•	•	•	•	•	•
Auto Changerover	•	•	•	•	•	•	•	•	•	•
Auto Restart	•	•	•	•	•	•	•	•	•	•
<b>Other Functions</b>										
88 Display	•	•	•	•	•	•	•	•	•	•

### Accessory



Wireless Remote Controller (included)



Indoor Unit	AR07YHQASINEU	AR12YHQASINEU	AR18YHQASINEU	AR24YHQASINEU	AR35YHQASINEU	AR07YHQBSKINEU	AR12YHQBSKINEU	AR18YHQBSKINEU	AR24YHQBSKINEU	AR35YHQBSKINEU
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Capacity	AR07YHQASINEU	AR12YHQASINEU	AR18YHQASINEU	AR24YHQASINEU	AR35YHQASINEU	AR07YHQBSKINEU	AR12YHQBSKINEU	AR18YHQBSKINEU	AR24YHQBSKINEU	AR35YHQBSKINEU
Cooling (Nominal)	2.6	3.5	5.3	7.0	7.0	2.6	3.5	5.3	7.0	7.0
Cooling (Min-Max)	0.9-3.4	1.1-4.2	1.6-6.1	2.1-8.0	2.1-8.0	0.9-3.4	1.1-4.2	1.6-6.1	2.1-8.0	2.1-8.0
Heating @+7°C	2.9	3.8	5.3	7.3	7.3	2.9	3.8	5.3	7.3	7.3
Heating (Min-Max)	0.8-3.1	1.1-4.2	1.6-6.1	2.1-8.0	2.1-8.0	0.8-3.1	1.1-4.2	1.6-6.1	2.1-8.0	2.1-8.0
Heating @+5°C	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA
Heating @+10°C	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA
Heating @+15°C	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA
<b>Performance</b>										
SEER <sup>1</sup>	6.1	6.2	6.1	6.1	6.1	6.1	6.2	6.1	6.1	6.1
SEER <sup>2</sup>	6.1	6.2	6.1	6.1	6.1	6.1	6.2	6.1	6.1	6.1
Power Consumption	156	211	256	412	412	156	211	256	412	412
Pdesign	2.8	3.6	5.2	7.0	7.0	2.8	3.6	5.2	7.0	7.0
EER	3.43	2.99	3.43	2.87	2.87	3.43	2.99	3.43	2.87	2.87
SCOP <sup>1</sup>	4.0	3.9	4.0	3.9	3.9	4.0	3.9	4.0	3.9	3.9
Power Consumption	910	969	1,435	1,723	1,723	910	969	1,435	1,723	1,723
Pdesign (Average)	2.6	2.7	4.1	4.8	4.8	2.6	2.7	4.1	4.8	4.8
CCP	3.91	3.50	3.56	2.71	2.71	3.91	3.50	3.56	2.71	2.71
Moisture Removal	1.0	1.2	1.8	2.6	2.6	1.0	1.2	1.8	2.6	2.6
Maximum Airflow	777	900	1400	1633	1633	777	900	1400	1633	1633
Indoor Unit	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA
Outdoor Unit	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA
Sound Power	55	55	55	59	59	55	55	55	59	59
Indoor Unit (Cooling)	dB(A)	62	65	63	68	62	65	63	68	68
Outdoor Unit (Cooling)	dB(A)	36/20	37/22	42/25	43/28	36/20	37/22	42/25	43/28	43/28
Indoor Unit (High/Silent Mode)	dB(A)	49	50	51	56	49	50	51	56	56
Outdoor Unit (High)	dB(A)	-10~46	-10~46	-10~46	-10~46	-10~46	-10~46	-10~46	-10~46	-10~46
Operating Temperature Range	°C	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24
Heating	°C	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24
<b>Electrical Data</b>										
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	10, 220-240 V, 50 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	Type	Digital Inverter	Digital Inverter	Digital Inverter	Digital Inverter	Digital Inverter	Digital Inverter	Digital Inverter	Digital Inverter	Digital Inverter
Power Consumption	W	3.3	5.3	6.9	10.4	3.3	5.3	6.9	10.4	10.4
Heating	W	3.2	4.7	6.4	11.7	3.2	4.7	6.4	11.7	11.7
Cooling	W	3.2	4.7	6.4	11.7	3.2	4.7	6.4	11.7	11.7
Operating Current	A	7.0	12.0	15.9	24.5	7.0	12.0	15.9	24.5	24.5
Heating	A	7.5	10.8	14.8	27.0	7.5	10.8	14.8	27.0	27.0
Cooling	A	7.5	10.8	14.8	27.0	7.5	10.8	14.8	27.0	27.0
<b>Dimensions</b>										
Net Dimensions (W x H x D)	mm	805 x 285 x 194	805 x 285 x 194	937 x 302 x 213	1,040 x 327 x 220	805 x 285 x 194	805 x 285 x 194	805 x 285 x 194	937 x 302 x 213	937 x 302 x 213
Indoor Unit	mm	720 x 495 x 270	720 x 495 x 270	845 x 554 x 333	845 x 702 x 363	720 x 495 x 270	720 x 495 x 270	720 x 495 x 270	845 x 702 x 363	845 x 702 x 363
Outdoor Unit	kg	8.1	8.1	10.5	12.5	8.1	8.1	10.5	12.5	12.5
Net Weight	kg	23.2	23.2	34.0	52.0	23.2	23.2	34.0	52.0	52.0
Indoor Unit	kg	23.2	23.2	34.0	52.0	23.2	23.2	34.0	52.0	52.0
Outdoor Unit	kg	23.2	23.2	34.0	52.0	23.2	23.2	34.0	52.0	52.0
<b>Refrigerant</b>										
Type	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	1.00	1.60	1.60
Charging (for Equivalent CO <sub>2</sub> )	kg	0.37	0.37	0.68	1.10	0.37	0.37	0.68	1.10	1.10
Additional Refrigerant Charging	g/m	12	12	12	12	12	12	12	12	12
Liquid Pipe	φ, inch	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
Gas Pipe	φ, inch	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8
Min/Max (ODU to IDU)	m	25	25	30	30	25	25	30	30	30
Piping Length	m	10	10	20	25	10	10	20	25	25
Max	m	10	10	20	25	10	10	20	25	25
Piping Connections	φ, mm	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA
Drain Pipe	φ, mm	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA

### Accessory



Wireless Remote Controller (included)