



Manuals.plus /

- › Hisense /
- › Hisense Easy Smart CA35MR0BG Inverter Air Conditioner User Manual

## Hisense CA35MR0BG

# Hisense Easy Smart CA35MR0BG Inverter Air Conditioner User Manual

Model: CA35MR0BG

## INTRODUCTION

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This manual provides essential information for the safe and efficient operation of your Hisense Easy Smart Inverter Air Conditioner. Please read it thoroughly before installation and use, and keep it for future reference.



Image: Hisense Easy Smart Inverter Air Conditioner indoor unit.

## SAFETY INFORMATION

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### Important Safety Instructions:

- Always ensure the unit is properly grounded.
- Do not attempt to repair or modify the unit yourself. Contact qualified service personnel.
- Keep children and pets away from the outdoor unit.
- Ensure proper ventilation around the outdoor unit.
- Do not insert objects into the air outlet or inlet.
- Turn off the power supply before cleaning or maintenance.

## PRODUCT OVERVIEW

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The Hisense Easy Smart Inverter Air Conditioner is designed for efficient cooling and heating, featuring advanced functionalities for enhanced comfort and control.

## Key Features:

- **WIFI INCLUDED:** Remote control via the Connect Life app on your smartphone.
- **Sleep Function:** Automatically adjusts temperature for comfortable sleep.
- **24-hour Timer:** Schedule climate control on/off times.
- **i-FEEL Function:** Remote control sensor detects ambient temperature for precise comfort.
- **Anti-mildew:** Indoor fan continues operation after shutdown to dry condensation and prevent mildew.

Modello	Unità interna		CA25YR0BG	CA35MR0BG	CA50XS1GG	CA70BT2BG
	Unità esterna		CA25YR0BW	CA35MR0BW	CA50XS1GW	CA70BT2BW
Raffreddamento	Capacità Std (Min-Max) (1)	kW	2,6 (1,0-3,0)	3,2 (1,0-4,0)	5,0 (1,0-6,0)	6,5 (1,8-7,2)
	Assorbimento Std (Min-Max) (1)	kW	0,74 (0,19-1,50)	0,94 (0,19-1,80)	1,47 (0,26-2,30)	2,06 (0,42-2,76)
	EER	-	3,49	3,4	3,4	3,15
	SEER: Efficienza energetica stagionale	-	6,3	6,8	6,1	6,2
	Classe di efficienza energetica stagionale	-	A++	A++	A++	A++
	Carico termico teorico (Pdesignc) (2)	kW	2,60	3,20	5,00	6,50
	Consumo energetico annuo indicativo (3) (QCE)	kWh/a	144	165	267	367
Riscaldamento	Capacità Std (Min-Max) (1)	kW	2,7 (1,0-3,0)	3,3 (1,0-4,2)	5,0 (1,8-6,2)	7,1 (1,8-7,3)
	Assorbimento Std (Min-Max) (1)	kW	0,67 (0,19-1,50)	0,84 (0,19-1,80)	1,31 (0,35-2,30)	2,15 (0,39-2,70)
	COP	-	4,00	3,90	3,80	3,30
	SCOP: Efficienza energetica stagionale (stagione media)	-	4,0	4,0	4,0	4,0
	Classe di efficienza energetica stagionale (stagione media)	-	A+	A+	A+	A+
	Carico termico teorico (Pdesignh) (2)	kW	2,2	2,9	4,2	5,45
	Consumo energetico annuo indicativo (3) (QHE)	kWh/a	770	1015	1470	1908
	SCOP: Efficienza energetica stagionale (stagione più calda)	-	5,1	5,1	5,1	5,1
	Classe di efficienza energetica stagionale (stagione più calda)	-	A+++	A+++	A+++	A+++
Consumo energetico annuo indicativo (3) (QHE)	kWh/a	658	878	1153	1729	
Unità interna	Dimensioni (LxAxP)	mm	790x255x200	790x255x200	890x300x220	998x325x225
	Peso	kg	7,1	7,1	10	11
	Aria trattata (max)	m <sup>3</sup> /min	9,17	9,17	14,67	18,33
	Capacità di Deumidificazione	l/hr	0,9	1,2	2	2,2
	Livello Potenza Sonora	dB(A)	57	57	59	64
	Livello Pressione Sonora (Min-max)	dB(A)	19-38	19-39	21-46	23-48
Unità esterna	Dimensioni (LxAxP)	mm	860x483x240	780x540x260	810x585x280	860x667x310
	Peso	kg	21,5	25	34	41
	Livello Potenza Sonora	dB(A)	62	62	63	65
	Livello Pressione Sonora (Min-max)	dB(A)	47-54	47-54	48-56	48-56
	Alimentazione	V, Hz, Ø	220-240V~, 50Hz, 1P			
	Intervallo di funzionamento (Raffreddamento)	°C	-15°C-43°C	-15°C-43°C	-15°C-43°C	-15°C-43°C
Intervallo di funzionamento (Riscaldamento)	°C	-20°C-24°C	-20°C-24°C	-15°C-24°C	-20°C-24°C	
Dati installativi	Tubazioni liquido/gas	mm (pollici)	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ12.7(1/4"/1/2")	Φ9.52/Φ15.88(3/8"/5/8")
	Lunghezza tubazioni Max	m	20	20	20	20
	Dislivello max (U. Interna/U. Esterna)	m	10	10	15	15
	Preparazione di fabbrica	kg	0,48	0,66	1,15	1,32
		TCO2Eq	0,32	0,45	0,78	0,89
	Lunghezza tubazioni Max senza aggiunta di refrigerante	m	5	5	5	5
	Carica aggiuntiva refrigerante	g/m	20	20	20	30
	Corrente nominale Raffreddamento	A	3,4	4,2	6,6	9,2
	Corrente nominale Riscaldamento	A	3,0	3,8	6,5	9,6
	Corrente massima assorbita	A	6,5	7	12,3	15,2
Refrigerante	Collegamenti elettrici		* Alimentazione principale u. esterna * Collegamento U.E. / U.I. 4 + terra			
	Tipo Refrigerante (4)	-	R32	R32	R32	R32
	GWP: potenziale di riscaldamento globale del refrigerante	-	675	675	675	675

Image: Hisense Easy Smart Inverter Air Conditioner outdoor unit.

## SETUP AND INSTALLATION

Installation of this split-system air conditioner requires professional assistance. Ensure all components are handled carefully and installed according to local regulations and the provided technical specifications.

### Pre-installation Checks:

- Verify power supply matches unit requirements (220-240V~50Hz, 1P).
- Ensure adequate space for both indoor and outdoor units for proper airflow and maintenance.
- Confirm correct refrigerant type (R-32) and charge.

### Tubing and Connections:

- Liquid/Gas Tubing: Refer to specifications for appropriate diameters (e.g., Φ6.35/Φ9.52 for 1/4"/3/8").
- Maximum Tubing Length: Up to 20 meters.

- Maximum Elevation Difference (Indoor/Outdoor Unit): Up to 10 meters.
- Electrical Connections: Main power to outdoor unit, connection between indoor and outdoor units (U.E/U.I:4 + earth).

## OPERATING INSTRUCTIONS

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Your Hisense air conditioner can be operated via the included remote control or the Connect Life smartphone app.

### Remote Control Operation:

- **Power On/Off:** Press the power button to start or stop the unit.
- **Mode Selection:** Choose between Cooling, Heating, Fan, or Dehumidifier modes.
- **Temperature Adjustment:** Use the up/down arrows to set your desired temperature.
- **Fan Speed:** Adjust fan speed (Auto, Low, Medium, High).
- **Sleep Mode:** Activate for quiet operation and optimized temperature adjustments during sleep.
- **Timer:** Set the 24-hour timer for automatic on/off scheduling.
- **i-FEEL:** Activate this function to use the remote control's sensor for more accurate room temperature sensing.

### Wi-Fi and App Control:

Download the Hisense Connect Life app from your smartphone's app store. Follow the in-app instructions to connect your air conditioner to your home Wi-Fi network. Once connected, you can control all functions remotely.

## MAINTENANCE

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Regular maintenance ensures optimal performance and longevity of your air conditioner. Always disconnect power before performing any maintenance.

### Indoor Unit:

- **Air Filter Cleaning:** Clean air filters every two weeks or more frequently if used heavily. Wash with mild detergent and water, then dry thoroughly before reinstallation.
- **Anti-mildew Function:** This feature helps prevent mold growth by drying the indoor coil after operation. Ensure it is enabled for best results.
- **Surface Cleaning:** Wipe the indoor unit's surface with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

### Outdoor Unit:

- **Coil Cleaning:** Periodically check and clean the outdoor unit's coil to remove dust, leaves, and debris. This should ideally be done by a professional.
- **Clear Obstructions:** Ensure no objects block the airflow around the outdoor unit.

## TROUBLESHOOTING

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Before contacting service, refer to the following common issues and solutions:

- **Unit does not turn on:** Check power supply, circuit breaker, and remote control batteries.
- **Insufficient cooling/heating:** Ensure air filters are clean, doors/windows are closed, and temperature settings are correct. Check for obstructions around outdoor unit.

- **Unusual noises:** Minor noises during operation are normal. If loud or unusual, contact service.
- **Water leakage:** Check drainage hose for blockages or improper installation.
- **Wi-Fi connection issues:** Ensure router is working, unit is within Wi-Fi range, and app settings are correct.

If problems persist, contact Hisense customer support or a qualified technician.

## TECHNICAL SPECIFICATIONS

Below are the detailed technical specifications for the Hisense Easy Smart Inverter Air Conditioner, including various models. The CA35MR0BG model is highlighted.



Image: Technical specifications table for Hisense Easy Smart Air Conditioners. This table provides detailed performance data for various models, including cooling and heating capacities, power consumption, dimensions, and refrigerant information.

### Hisense Easy Smart Air Conditioner Technical Data

Category	Parameter	Unit	CA25YR0BG / CA25YR0BW	CA35MR0BG / CA35MR0BW	CA50XS1GG / CA50XS1GW	CA70BT2BG / CA70BT2BW
Cooling	Standard Capacity (Min-Max) (1)	kW	2.6 (1.0-3.0)	3.2 (1.0-4.0)	5.0 (1.0-6.0)	6.5 (1.6-7.2)
	Standard Absorption (Min-Max) (1)	kW	0.74 (0.19-1.50)	0.94 (0.19-1.60)	1.47 (0.26-2.30)	2.06 (0.42-2.76)
	EER	-	3.49	3.4	3.4	3.15
	SEER: Seasonal Energy Efficiency	-	6.3	6.8	6.1	6.2
	Seasonal Energy Efficiency Class	-	A++	A++	A++	A++
	Theoretical Thermal Load (Pdesignc) (2)	kW	2.60	3.20	5.00	6.50
	Indicative Annual Energy Consumption (3) (QCE)	kWh/a	144	165	287	367
Heating	Standard Capacity (Min-Max) (1)	kW	2.7 (1.0-3.0)	3.3 (1.0-4.2)	5.0 (1.6-6.2)	7.1 (1.8-7.3)
	Standard Absorption (Min-Max) (1)	kW	0.67 (0.19-1.50)	0.84 (0.19-1.60)	1.31 (0.35-2.30)	2.15 (0.39-2.70)
	COP	-	4.00	3.90	3.80	3.30
	SCOP: Seasonal Energy Efficiency (Average Season)	-	4.0	4.0	4.0	4.0
	Seasonal Energy Efficiency Class (Average Season)	-	A+	A+	A+	A+
	Theoretical Thermal Load (Pdesignh) (2)	kW	2.2	2.9	4.2	5.45
	Indicative Annual Energy Consumption (3) (QHE)	kWh/a	770	1015	1470	1908
	SCOP: Seasonal Energy Efficiency (Warmer Season)	-	5.1	5.1	5.1	5.1

Category	Parameter	Unit	CA25YR0BG / CA25YR0BW	CA35MR0BG / CA35MR0BW	CA50XS1GG / CA50XS1GW	CA70BT2BG / CA70BT2BW
	Seasonal Energy Efficiency Class (Warmer Season)	-	A+++	A+++	A+++	A+++
	Indicative Annual Energy Consumption (3) (QHE)	kWh/a	658	878	1153	1729
<b>Indoor Unit</b>	Dimensions (LxWxH)	mm	790×255×200	790×255×200	800×300×220	998×325×225
	Weight	kg	7.1	7.1	10	11
	Treated Air (max)	m <sup>3</sup> /min	9.17	9.17	14.67	18.33
	Dehumidification Capacity	l/hr	0.9	1.2	2	2.2
	Sound Power Level	dB(A)	57	57	59	64
	Sound Pressure Level (Min-Max)	dB(A)	19-38	19-39	21-46	23-48
<b>Outdoor Unit</b>	Dimensions (LxWxH)	mm	660×483×240	780×540×260	810×585×280	860×667×310
	Weight	kg	21.5	25	34	41
	Sound Power Level	dB(A)	62	62	63	65
	Sound Pressure Level (Min-Max)	dB(A)	47-54	47-54	48-56	48-56
<b>General Data</b>	Power Supply	V, Hz, Ø	220-240V~50Hz, 1P			
	Operating Range (Cooling)	°C	-15°C - 43°C			
	Operating Range (Heating)	°C	-20°C - 24°C	-20°C - 24°C	-15°C - 24°C	-20°C - 24°C
<b>Installation Data</b>	Liquid/Gas Piping	mm (inches)	φ6.35/φ9.52 (1/4"/3/8")	φ6.35/φ9.52 (1/4"/3/8")	φ6.35/φ12.7 (1/4"/1/2")	φ9.52/φ15.88 (3/8"/5/8")
	Max Piping Length	m	20	20	20	20
	Max Elevation Difference (Indoor/Outdoor)	m	10	10	15	15
	Factory Pre-charge	kg	0.48	0.66	1.15	1.32
	TCO <sub>2</sub> Eq	-	0.32	0.45	0.78	0.89
	Max Piping Length without additional refrigerant	m	5	5	5	5
	Additional Refrigerant Charge	g/m	20	20	20	30
	Electrical Connections	-	Main power to outdoor unit, connection U.E/U.I:4 + earth			
<b>Currents</b>	Nominal Cooling Current	A	3.4	4.2	6.6	9.2
	Nominal Heating Current	A	3.0	3.8	6.5	9.6
	Maximum Absorbed Current	A	6.5	7	12.3	15.2
<b>Refrigerant</b>	Refrigerant Type (4)	-	R32	R32	R32	R32
	GWP: Global Warming Potential	-	675	675	675	675

## WARRANTY AND SUPPORT

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For warranty information, technical support, or service requests, please refer to the warranty card included with your product or visit the official Hisense website. Keep your purchase receipt as proof of purchase.

**Hisense Customer Service:** [www.hisense.com/support](http://www.hisense.com/support)