

AI ECO Inverter

ECO Expert, Healthy Air



KEY FEATURES



AI ECO



Free Match Indoor



Hyper PCB



UVC Plus (Optional)

ULTIMATE ECO

AI ECO

AI ECO ensures optimal energy-saving adjustments are quickly applied, regardless of seasonal changes or abnormal conditions.

Free Match Indoor

Provides full residential and light commercial air solutions for apartments, villas, shops and offices, etc. The stock management is made easy, and it saves your costs in warehouse, spare parts, and logistics.

Power Consumption Check

A calendar-style view that lets you track energy usage by day, week, or month. AI ECO allows you to see your savings, get real-time alerts when energy use goes abnormal.

ULTIMATE RELIABLE

Hyper PCB

Provides consistent, powerful cooling with optimized design to cope with voltage fluctuations and unexpected damages that may lead to malfunction of the air conditioner.

ULTIMATE HEALTH

UVC Plus (Optional)

Haier UVC Plus effectively enhances air quality by generating hydroxyl radicals ($\cdot\text{OH}$) and reactive oxygen species to oxidize and decompose harmful organic compounds, such as odors, and using UVC to sterilize indoor air near the air inlet.

Self Clean

Freezes the evaporator with moisture in the air, and removes away dirt in rapid melting, ensuring the air that comes out of air conditioners is always healthy for you.

ULTIMATE SMART

WIFI

Imagine when you're hurrying back to your home in hot summer, or lying on the sofa at home but cannot find the remote controller. What you want is easily accessible control of your air conditioner at any time and from anywhere with the App on your phone or tablet.



Wired Control & Central Control

Allows both group and individual adjustments with wired and centralized control to effectively manage the air conditioner.



ULTIMATE FIT

Easy to Install

Save 50% of Installation Time.
Matters a lot to installer's working efficiency, and means more income to them during peak season as well. Haier air conditioner is truly easy to install with various optimized components.



Easy to Disassemble

Easy to Disassemble and Clean All Air Path Components.
Optimizes the structure of the indoor unit of air conditioner by simplifying the disassembly of core components including PCB, motor and fan, making the maintenance and cleaning easier than ever before.



Easy to Maintain

Save 50% of Maintenance Time.
Optimizes structure design, simplified disassembly and maintenance steps of PCB and motor.



AI ECO Inverter							
Model Name		Indoor model	Set	ES09RE32I1(INV)	ES12RE32I1(INV)	ES18RE32I1(INV)	ES24RE32I1(INV)
		Outdoor model		ES09RE32E1(INV)	ES12RE32E1(INV)	ES18RE32E1(INV)	ES24RE32E1(INV)
Power supply			Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Label	Rated Cooling T1	Capacity	Btu/h	9214	12746	18769	23001
		Capacity	W	2700	3735	5500	6740
		Input	W	840	1165	1525	2065
		Rated current	A	3.65	5.07	6.63	8.98
		EER	Btu/h.W	10.97	10.94	12.32	11.12
		EER	W/W	3.21	3.21	3.61	3.26
	Rated Heating T1	Energy Class	star	A	A	A++	A
		Capacity	Btu/h	10835	14521	18769	24707
		Capacity	W	3175	4255	5500	7240
		Input	W	865	1126	1320	1867
		Rated current	A	3.76	4.90	5.74	8.12
		COP	Btu/h.W	12.53	12.90	14.20	13.24
Max. input consumption			W	1200	1300/1600	2000	2750/2350
Max. current			A	5.3	5.6/7.3	9.1	12.1/10.7
Starting current			A	-	-	-	-
Operation Control				Remote	Remote	Remote	Remote
Indoor air flow(SH/Hi/Me/Lo/SQ)			m³/h	520	650	730	1100
Indoor noise level (Hi/Me/Lo)			dB(A)	41/38/27	42/38/27	45/40/32.5	52/48/35
Indoor dimension	Unit (WxHxD)		mm	705*265*193	805*292*200	875*304*212	975*318*222
	Packing (WxHxD)		mm	772*263*325	876*272*365	945*296*390	1050*301*397
Indoor weight	Net		kg	6.7	8.1	10.0	11.6
	Gross		kg	8.5	10.2	12.0	14.4
	Indoor Recommended Stack Height			8	8	8	8
Outdoor noise level			dB(A)	51	51	55	55
Outdoor dimension	Unit (WxDxH)		mm	660*246*463	700*245*544	820*306*642	890*340*705
	Packing (WxDxH)		mm	767*335*516	845*330*610	940*390*697	1046*460*780
Outdoor weight	Net		kg	19.2	21.5	31.8	39.3
	Gross		kg	22.5	25.5	36.0	45.0
	Outdoor Recommended Stack Height			4	4	4	4
Refrigerant	Type			R32	R32	R32	R32
	Charge		g	460	510	830	900
Refrigerant pipe	Liquid side		mm	6.35	6.35	6.35	6.35
	Gas side		mm	9.52	9.52	12.7	12.7
	Design pressure(Mpa)		Mpa	4.3/4.3	4.3/4.3	4.3/4.3	4.3/4.3
	Max. refrigerant pipe length		m	15	20	25	25
	Max. difference in level		m	10	10	15	15
	Additional Refrigerant(>standard length)(g/m)		g/m	20	20	20	20
Power Supplied			/	outdoor	outdoor	outdoor	outdoor
Power Point type			/	No Plug	No Plug	No Plug	No Plug
Application area (Cooling standard)			m²	13~19	16~25	24~35	32~47
Ambient temperature range			°C	Cool: -15-50°C Heat: -20-24°C	Cool: -15-50°C Heat: -20-24°C	Cool: -15-50°C Heat: -20-24°C	Cool: -15-50°C Heat: -20-24°C
QTY Per 40' HQ			Indoor	1100	812	666	560
QTY Per 40' HQ			Out door	525	380	222	222
QTY Per 40' HQ			Indoor+ Outdoor	350	272	198	173