

Haier
HVAC Solutions



JADE

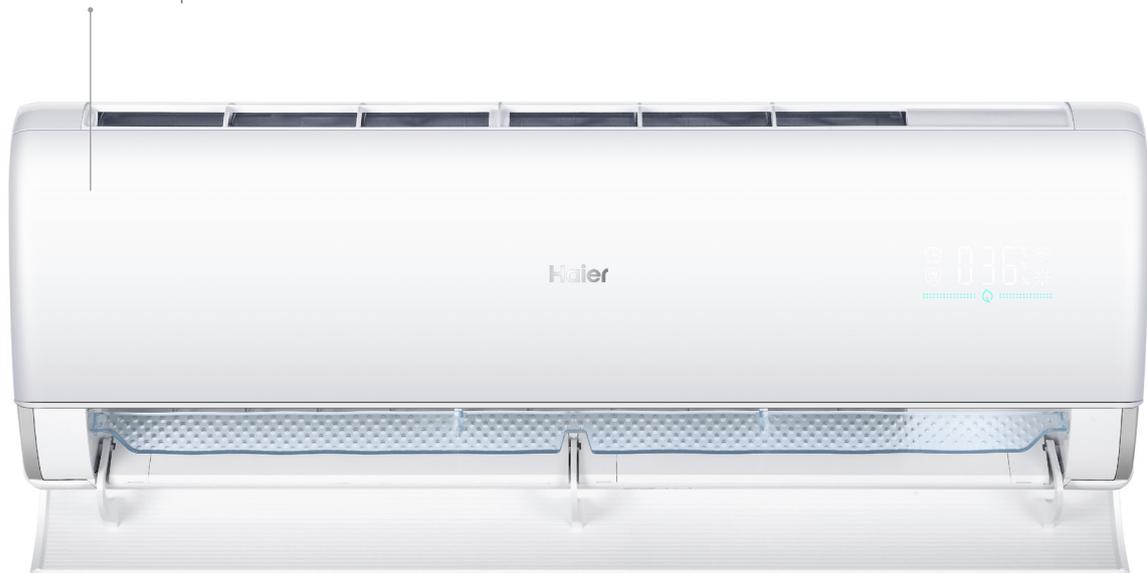
Purifier & Air Conditioner in one
CAPTURES 99.9% OF AIRBORNE PARTICLES UP TO 0.3 MICRONS

Haierhvac.eu

The **JADE** comes with exceptional features

ANTIBACTERIAL OUTER COVER

The outer cover of the Jade unit is loaded with antibacterial chemical elements that help eliminate any possibility of creation and proliferation of bacteria on the surface of the Jade indoor unit.



HEALTHY AIR

ULTIMATE CLEAN

The CleanCool™ function, when activated, freezes the humidity present in the air that comes into contact with the evaporator, forming a layer of frost on the latter which traps dust, bacteria and other polluting substances. The subsequent defrosting phase of the evaporator conveys this condensate full of polluting substances directly into the drain. A clean exchanger guarantees clean air.

PURIFICATION

The PuriCool™ function uses an innovative iFD filter to eliminate all pollutants and allergens present in the air with an efficiency of up to 99.9%, while enjoying comfortable air conditioning.

HYGIENE

Mold and bacteria are spread in the air. Although not all microbes compromise air quality and cause disease, some can harm our health. The "All Clean" purifier / air conditioner incorporates silver nanoparticles in the main components to inhibit bacterial growth.

PURE AIR TECHNOLOGY

DETECT AND REMOVE FINE POWDERS FROM YOUR HOME

A high-definition sensor installed on the suction grid detects the presence of dust and allergens in the air and displays information on the screen in real time. When the air quality is good, the green light is turned on. When it is poor, the red alarm light is turned on.



99.9%

ELIMINATES POLLEN, BACTERIA AND MOLD WITH MAXIMUM EFFICIENCY

A properly maintained iFD filter is highly effective for capturing and trapping impurities in the air.

iFD filter

NO COST MAINTENANCE

When the filter is dirty after prolonged use, it can be washed without the need to spend more money to buy a new one.

99.9%

ELIMINATES POLLEN, BACTERIA AND MOLD WITH MAXIMUM EFFICIENCY

A properly maintained iFD filter is highly effective for capturing and trapping impurities in the air.

0.3 μm

THE CAPTURE OF PARTICLE DIAMETER AND PARTICULATE PM10, PM2.5

0.3 Micron is the diameter of all viruses, bacteria and spores in the air.

AIR POLLUTION

Air pollution is increasingly prevalent in many emerging economies. Long exposure to polluted air puts people's health at risk. When you breathe, inhale pollutants such as PM2.5, can cause discomfort and lung or heart disease. In addition to air pollution, many people around the world suffer from allergies, asthma and are sensitive to pollen, mold spores, smoke, gas and chemicals. That's why we all need cleaner air to live more peacefully.

According to EPA*'s recent research, the air in the house is 2 to 5 times more polluted than that present outside.

* Environmental Protection Agency of the United States

JADE

Residential MonoSplit Inverter

2,5 kW

3,5 kW

A+++ / A+++



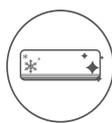
Features



Puri-Clean



Silent



Self-Clean



Integrated Wi-Fi



3D Airflow



I Feel



ECO Sensor



Precise Dehumidification



PM 2.5 Detection



Self-Clean

The new Self-Clean technology is the first of its kind to integrate the self-cleaning function of the evaporator and the condenser. It starts with cleaning the evaporator, then moves on to cleaning the condenser without stopping the compressor.

This innovative technology allows you to kill bacteria and keep the evaporator clean.



hOn Wifi Control

Haier's new "hOn" Wi-Fi app allows you to control all the Haier Group appliances in your connected (smart) home from a single app on your smartphone or tablet.

The hOn app allows you to manage all basic functions and more. The app can also respond to voice commands as it is compatible with Google Assistant and Alexa.



Eco Sensor

Detects the condition of air and people's movement in real time, adjusting the operating mode of the air conditioner to improve energy efficiency and optimise the users experience.

It uses a double area detection with a maximum angle of 120 degrees and a distance of 8m.

Technical Illustrations



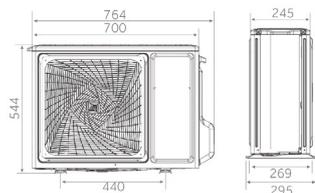
AS25 - AS35

Controller



Standard HR-HJ

Outdoor Dimensions



1U25 - 1U35

Outdoor Units



2,5 kW - 3,5 kW

INDOOR UNIT	Model		AS25S2SJ1FA-3	AS35S2SJ1FA-3
OUTDOOR UNIT	Model		1U25MECFRA-3	1U35MECFRA-3
Performance data				
Output power - COOLING	nom (min-max)	KW	2,60 (1,00-4,00)	3,50 (1,00-4,00)
Output power - HEATING	nom (min-max)	KW	3,20 (1,10-5,40)	4,20 (1,30-5,80)
Absorbed power - COOLING	nom (min-max)	KW	0,577 (0,30-1,25)	0,795 (0,30-1,35)
Absorbed power - HEATING	nom (min-max)	KW	0,666 (0,30-1,85)	0,893 (0,30-1,85)
Energy class	EER	W/W	4,50	4,40
	COP	W/W	4,80	4,70
COOLING Pdesign	35 °C	KW	2,60	3,50
HEATING Pdesign	(-10 °C)	KW	2,60	2,65
Energy class	SEER		8,75 (A+++)	8,75 (A+++)
	SCOP		5,10 (A+++)	5,10 (A+++)
Annual Energy Consumption - COOLING		kWh/a	104	140
Annual Energy Consumption - HEATING		kWh/a	714	727
Indoor Unit				
Power supply		Ph/V/Hz	1/220-240/50	1/220-240/50
Treated air volume		m ³ /h	550	600
Dehumidification		L/h	1,2	1,6
High sound power - COOLING		dB	56	57
High sound power - HEATING		dB	56	57
Sound pressure - COOLING		dB(A)	36/32/29/15	37/33/30/16
Sound pressure - HEATING		dB(A)	36/32/29/15	37/33/30/16
Net dimensions	l x p x h	mm	923 x 215 x 320	923 x 215 x 320
Packaging dimensions	l x p x h	mm	1032 x 318 x 418	1032 x 318 x 418
Net/gross weight		kg	12,0/15,2	12,0/15,2
Outdoor unit				
Power supply		Ph/V/Hz	1/220-240/50	1/220-240/50
Power cable		N x mm ²	3 x 1,5	3 x 1,5
Interconnection cable		N x mm ²	4 x 1,0	4 x 1,0
Sound power		dB	61	62
Sound pressure		dB(A)	48	49
Running current cooling/heating	Max	A	8,0/8,0	8,0/8,0
Starting current cooling/heating	Max	A	1,5/1,5	1,5/1,5
Net dimensions	l x p x h	mm	800 x 275 x 553	800 x 275 x 553
Packaging dimensions	l x p x h	mm	902 x 375 x 607	902 x 375 x 607
Net/gross weight		kg	29,8/33,6	29,8/33,6
Compressor type			Inverter Rotatif	Inverter Rotatif
Installation Data				
Refrigerant			R32	R32
Liquide pipe	Ø	mm (pouce)	6,35 (1/4)	6,35 (1/4)
Gas pipe	Ø	mm (pouce)	9,52 (3/8)	9,52 (3/8)
Standard pipe length without refrigerant charge		m	7	7
Maximum pipe length		m	20	20
Maximum IU - OU elevation		m	10	10
Refrigerant charge in the factory		kg	0,74	0,74
Refrigerant charge in the factory		TCO _{2eq}	0,50	0,50
Additional ref. charge over std length		g/m	20	20
Operating limits - COOLING (in/out)min-max	min-max	°C	21-35 °C/-10-43 °C	
Operating limits - HEATING (in/out)min-max	min-max	°C	10-27°C/-20-24°C	

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Residential Mono-Split Inverter



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